KANYA MAHA VIDYALAYA JALANDHAR

(Autonomous)

The Heritage Institution

Reaccredited by NAAC with A grade with CGPA of 3.56
Recognised as College with Potential for Excellence Phase II
Star Status Awarded by DBT Govt. of India

FIST Grant Supported College, Govt. of India

Ranked Number one College under various catagories by India Today

- **Programme Specific Outcomes (PSOs)**
- **Course Outcomes (COs)**

Index

Faculty of COMPUTER SCIENCE & IT

- **B.C.A. (Bachelor of Computer Application**

Programme Specific Outcomes (PSO)

PSO1: Provide expertise in field of Information Technology, different software and web development languages for solution of IT-based problems.
PSO2: Professional development in IT industry through ethical, defined and innovative techniques.
PS03: Achieve leadership role and can work on multidisciplinary group as a team player.

Course Outcomes (COs)

Name of the Course : Bachelor of Computer Applications
Paper : PUNJAB HISTORY AND CULTURE (FROM EARLIEST TIMES TO C 320)
(Special Paper in lieu of Punjabi compulsory) (For those student who are not domicile of Punjab)
Semester : I

COURSE OUTCOMES: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.
CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of the Course : Bachelor of Computer Applications
Paper : COMMUNICATION SKILLS IN ENGLISH
Semester : I

Course Outcome: At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of the Course : Bachelor of Computer Applications
Paper : INTRODUCTION TO PROGRAMMING – C
Semester : I

Course Outcome: After passing course the student will be able to:
CO1: Understand formulation of algorithms and flowcharts for problem solution and different programming constructs.
CO2: Have knowledge of execution flow of a C program for programming and maintenance.
CO3: Apply programming concepts to provide solution in different problem domains.

Name of the Course : Bachelor of Computer Applications
Paper : INTRODUCTION TO COMPUTEzRS AND INFORMATION TECHNOLOGY
Semester : I

Course Outcome: After passing course the student will be able to:
CO1: Have knowledge of Computer fundamentals, operating system concepts and office automation software.
CO2: Analyze, design and implement solutions to various problems using algorithms, flowcharts, decision tables and pseudo codes.
CO3: Apply office automation software to create professional and academic documents and presentations.

Name of the Course : Bachelor of Computer Applications
Paper : APPLIED & DISCRETE MATHEMATICS
Semester : I
Course Outcome: Student will be able to:
CO1: Have knowledge of matrices, sets, relations, propositional logic and Boolean algebra.
CO 2: represents world knowledge in symbolic notation through propositional calculus.
CO 3: Apply discrete mathematical concepts to obtain analytical and numerical solutions.

Name of the Course : Bachelor of Computer Applications
Paper : COMPUTER ARCHITECTURE
Semester : III

Course Outcomes: After passing course the student will be able to:
CO1: Understand register and its micro-operations, computer instructions and basic design of computer.
CO2: Gain knowledge of various instruction formats and addressing modes.
CO3: Have understanding of memory organization and design.
CO4: Have understanding of I/O organization, Pipeline and vector processing.

Name of the Course : Bachelor of Computer Applications
Paper : DATABASE MANAGEMENT SYSTEM
Semester : III

Course Outcomes: After passing course the student will be able to:
CO1: Understand data, database and database models.
CO2: Gain knowledge of normalization and transaction control.
CO3: Gain knowledge of core database language-SQL.
CO4: Have a basic understanding of Big-data and NoSQL.

Name of the Course : Bachelor of Computer Applications
Paper : COMPUTATIONAL PROBLEM SOLVING USING PYTHON
Semester : III

Course Outcomes: After passing course the student will be able to:
CO1: Understand formulation of algorithms and programs for problem solving.
CO2: Gain understanding of various programming constructs like data types, operators, string processing and control structures.
CO3: Have knowledge of object oriented programming paradigm.
CO4: Have understanding of file handling, exception handling and SQLite database connectivity in python

Name of the Course : Bachelor of Computer Applications
Paper : COMPUTER NETWORKS
Semester : V

Course Outcomes: After passing course the student will be able to:
CO1: Describe the functions of each layer in OSI and TCP/IP model.
CO2: Understand the types of transmission media with real time applications
CO3: Describe the Data Link layer and Network layer design issues.
CO4: Explain the functions of Transport layer and Application layer protocols.
CO5: Have a basic knowledge of the use of cryptography and network security

Name of the Course : Bachelor of Computer Applications
Paper : WEB TECHNOLOGIES
Semester : V

Course Outcomes: After passing course the student will be able to:
CO1: Understand the basics of websites and use of different markup languages.
CO2: Gain knowledge of different client side technologies.
CO3: Develop single page application through React.

Name of the Course : Bachelor of Computer Applications
Paper : OPERATING SYSTEM
Semester : V

Course Outcomes: After passing course the student will be able to:
CO1: Describe, contrast and compare different types of Operating System.
CO2: Understand the process management policies and CPU scheduling.
CO3: Describe and analyze the memory management and its allocation policies.
CO4: Gain knowledge of operating system concepts that includes virtual memory, mutual exclusion algorithms and deadlock handling

Name of the Course : Bachelor of Computer Applications
Paper : JAVA PROGRAMMING
Semester : V

Course Outcomes: After passing this course the student will be able to:
CO1: Understand the basic fundamentals of Java programming.
CO2: Gain knowledge of object oriented concepts to model real world problems.
CO3: Have knowledge of packages, multithreading and Exception handling.
CO4: Demonstrate the concept of file handling and Applets

- **Bachelor of Science (Information Technology)**

Programme Specific Outcomes (PSO)

PSO1: Demonstrate proficiency in the field of Programming, Web development and IT enabled services.
PSO2: Professional development in IT industry through ethical, defined and innovative techniques.
PS03: Achieve leadership role and can play different roles as team player in multiple disciplines.

Course Outcomes (COs)

Name of the Course : Bachelor of Science (Information Technology)
Paper : PUNJAB HISTORY & CULTURE (FROM EARLIEST TIMES TO C 320) (Special Paper in lieu of Punjabi compulsory) (For those students who are not domicile of Punjab) Course Outcomes: After completing Semester I and course on Punjab History and Culture Students of History will be able to identify a complete grasp on the sources & writings of Ancient Indian History of Punjab.
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CO3 Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
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CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking

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CO 6: Ability to plan, organise and present ideas coherently on a given topic

CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of the Course : Bachelor of Science (Information Technology)
Paper : INTRODUCTION TO PROGRAMMING - C
Semester : I

Course Outcomes: After passing course the student will be able to:

CO1: Understand formulation of algorithms and flowcharts for problem solution and different programming constructs.

CO2: Have knowledge of execution flow of a C program for programming and maintenance. **CO3:** Apply programming concepts to provide solution in different problem domains

Name of the Course : Bachelor of Science (Information Technology)
Paper : FUNDAMENTALS OF COMPUTERS
Semester : I

Course Outcomes: After passing course the student will be able to:

CO1: Have knowledge of Computer fundamentals, operating system concepts and office automation software.

CO2: Apply office automation software to create professional and academic documents and presentations.

CO3: work on Spreadsheet application for office tasks

Name of the Course : Bachelor of Science (Information Technology)
Paper : APPLIED & DISCRETE MATHEMATICS
Semester : I

Course Outcomes: Student will be able to:

CO1: Have knowledge of matrices, sets, relations, propositional logic and Boolean algebra.

CO 2: Represent world knowledge in symbolic notation through propositional calculus**.**

CO 3: Apply discrete mathematical concepts to obtain analytical and numerical solutions.

Name of the Course : Bachelor of Science (Information Technology)
Paper : INTRODUCTION TO PYTHON
Semester : III

Course Outcomes: After passing course the student will be able to:

CO1: Understand the formulation of algorithms and programs for problem solving.

CO2: Gain understanding of various programming constructs like data types, operators, string processing and control structures.

CO3: Have knowledge of object oriented programming paradigms.
CO4: Have understanding of file handling, exception handling and SQLite database connectivity in Python.

Name of the Course : Bachelor of Science (Information Technology)
Paper : DATA STRUCTURE
Semester : III
Course Outcomes: After passing course the student will be able to:
CO1: Get familiarized with basic data structures.
CO2: Analyze algorithms to determine their efficiency.
CO3: Handle operations on various data structures.
CO4: Choose appropriate data structures according to real world problems.

Name of the Course : Bachelor of Science (Information Technology)
Paper : SYSTEM ANALAYSIS & DESIGN
Semester : III
Course Outcomes: After passing course the student will be able to:
CO1: Gather data to analyze and specify the requirements of a system.
CO2: Design database for storing data and user interface for data input and output,
CO3: Build modular and structured design of a system and in designing a model.
CO4: Identify the quality assurance and documentation tools.

Name of the Course : Bachelor of Science (Information Technology)
Paper : Computer Networks
Semester : V
Course Outcomes: After passing course the student will be able to:
CO1: Describe the functions of each layer in OSI and TCP/IP model.
CO2: Understand the types of transmission media with real time applications
CO3: Describe the Data Link layer and Network layer design issues.
CO4: Explain the functions of Transport layer and Application layer protocols.
CO5: Have a basic knowledge of the use of cryptography and network security

Name of the Course : Bachelor of Science (Information Technology)
Paper : WEB TECHNOLOGIES
Semester : V
Course Outcomes: After passing course the student will be able to:
CO1: Understand the basics of websites and use of different markup languages.
CO2: Gain knowledge of different client side technologies.
CO3: Develop single page application through React.

Name of the Course : Bachelor of Science (Information Technology)
Paper : OPERATING SYSTEM
Semester : V

Course Outcomes: After passing course the student will be able to:

CO1: Describe, contrast and compare different types of Operating System.

CO2: Understand the process management policies and CPU scheduling.

CO3: Describe and analyze the memory management and its allocation policies.

CO4: Gain knowledge of operating system concepts that includes virtual memory, mutual exclusion algorithms and deadlock handling.

Master of Science (Information and Network Security)

Programme Specific Outcomes (PSO)

Students of this Post Graduation will be able to:

PSO1: Highlight the need of security architecture and its relevance to system, services, continuity and reliability.

PSO2: Understand the trade offs for functionality usability and security and to differentiate between controls to protect system availability and reliability: controls to protect information.

PSO3: Illustrate the use of standards to enhance security in the development process. PSO3: Measure the performance of security systems within an enterprise-level information system and to troubleshoot, maintain and update an enterprise-level information security system.

PSO4: Evaluate the computer network and information security needs of an organization and to assess cyber security risk management policies in order to adequately protect an organization's critical information and assets.

PSO5:Prepare students with the technical knowledge and skills needed to protect and defend computer systems and networks.

PSO6: Understand the role of forensics, cyber incidents, intrusions and investigations in revealing how an attack was carried out and understand how to support investigation.

PSO7: Implement continuous network monitoring and provide real-time security solutions, formulate, update and communicate short- and long-term organizational cybersecurity strategies and policies.

Course Outcomes (COs)

Name of the Course : Master of Science (Information and Network Security)
Paper : COMPUTER NETWORKS
Semester : I

Course Outcomes:

CO1: The student will understand the fundamental concepts of computer networking and will be familiarized with the basic taxonomy and terminology of the computer networking area.

CO2: The student will be able to understand the physical and logical as well as the electrical characteristics of digital signals and the basic methods of data transmission.

CO3: To understand the organization of computer networks, factors influencing computer network development and the reasons for having variety of different types of networks.

CO4: To study the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model and TCP/IP model in order to have a good understanding of various Reference Models and protocols.

Name of the Course : Master of Science (Information and Network Security)
Paper : NETWORK PROTOCOLS
Semester : I
Course Outcomes:
CO1: To get in depth knowledge about various networking protocols, their working, management and operations.
CO2: To understand the layered approach that makes design, implementation and operation of extensive networks possible.
CO3: Classify the routing protocols and analyze how to assign the IP addresses for the given network. **CO4:** To understand the TCP/IP suite of protocols and the networked applications supported by it.

Name of the Course : Master of Science (Information and Network Security)
Paper : NETWORK OPERATING SYSTEM
Semester : I
Course Outcomes: A student will be able to do the following:
CO1: Understand the installation, configuration and administration of Network Operating Systems.
CO2: The student will gain and will improve the capabilities in:
• Installing, configuring and administering network operating system
• Remote administration using network operating systems
• Connecting client computers to the network
• Linux working
CO3: This course aims to provide an understanding of the general security concepts of windows and Linux systems, network security tools and implementation of organizational security.
CO4:To learn the fundamentals and gain knowledge of Operating Systems.

Name of the Course : Master of Science (Information and Network Security)
Paper : INFORMATION SECURITY & THREATS
Semester : I
Course Outcomes:
CO1: To understand the network attacks (denial of service, flooding, sniffing and traffic redirection, inside attacks, etc.) and basic networking defense tools.
CO2: The student will be able to differentiate between organizational security policies and security mechanism and will be able to analyze the security needs of a small enterprise, design a strategic plan to address those security requirements and select the appropriate tools to implement the organizational policies.
CO3: To be able to explain various Information security threat and controls for it.
CO4: The student will be able to explain the mechanism to protect confidentiality and completeness of data.

Name of the Course : Master of Science (Information and Network Security)
Paper : JAVA PROGRAMMING
Semester : I
Course Outcomes:
CO1: To understand the fundamentals of object-oriented programming in Java, including defining classes, invoking methods, using class libraries, variables, conditional and iterative execution, methods, etc.
CO2: To be aware of the important topics and principles of software development and have the ability to write a computer program to solve specified problems in order to test, document and prepare a professional looking package for each business project.
CO3: To be able to use the Java SDK environment to create, debug and run simple Java programs and to model of object oriented programming: abstract data types, encapsulation, inheritance and polymorphism
CO4: To understand how to take the statement of a business problem and from this determine suitable logic for solving the problem; then be able to proceed to code that logic as a program written in Java.

Name of the Course : Master of Science (Information and Network Security)
Paper : CYBER INCIDENT HANDLING AND REPORTING
Semester : III
Course Outcomes
CO1: Obtain the basic knowledge on dealing with system security related incidents.
CO2: Gain experience using tools and common processes in performing the analysis of compromised systems.
CO3: Increase knowledge on potential defenses and counter measures against common threats / vulnerabilities.

Name of the Course : Master of Science (Information and Network Security)
Paper : (CLOUD COMPUTING & ITS SECURITY
Semester : III
Course Outcomes:
CO1: Analyze the Cloud computing setup and applications using different architectures.
CO2: Design different workflows according to requirements
CO3:Analyze the Virtualization concept
CO4: Access cloud Storage systems and Cloud security, the risks involved, its impact and develop cloud application

Name of the Course : Master of Science (Information and Network Security)
Paper : PROACTIVE SECURITY TOOLS AND TECHNOLOGY
Semester : III
Course Outcomes:
CO1: Learn about the security policies and strategies
CO2: Gain the knowledge about various tools to be used in the implementation of penetration testing **CO3**: Learn various commands used in the implementation of proactive security

Name of the Course : Master of Science (Information and Network Security)
Paper : PENETRATION TESTING AND AUDITING
Semester : III
Course Outcomes:
CO1: Learn about the risk analysis
CO2: Student can achieve the knowledge about the planning and scheduling of penetration testing
CO3: Achieve the knowledge about different platforms of testing

Name of the Course : Master of Science (Information and Network Security)
Paper : CRYPTOGRAPHY AND NETWORK SECURITY
Semester : III
Course Outcomes:
CO1: Learning of classifying the symmetric encryption techniques
CO2: Illustrate various public key cryptographic techniques
CO3: Evaluate the authentication and hash algorithms
CO4: Learn basic concepts of system level security.

• Master of Science (Computer Science)

Programme Specific Outcomes (PSO)

PSO1: Master in Computer Science offers significant benefits to students. After successfully completing their M.Sc. students will able to fit themselves as desirable candidates for industry, teaching and other competitive exams.

PSO2: Students will enhance their knowledge and understanding of computer architecture and Microprocessors.

PSO3: Students will enhance their ability to solve programming problems knowing the concepts of JAVA, ASP.NET and Object-Oriented Programming to develop software for real world related problems.

PSO4: Student will learn principles and techniques from the selective areas to develop special expertise. Such expertise will be used for analysing real-world problems and devise computer-based solutions. **PSO5**: Students with gain knowledge of research-oriented topics like Cloud computing, Artificial Intelligence and image processing.

PSO6: At end semester students have to work in team activity to develop projects related with industry/academia/research problems. Thus, they will be able to perform in team activities.

Course Outcomes (COs)

Name of the Course : Master of Science (Computer Science)
Paper : ADVANCED DATA STRUCTURES
Semester : I

Course Outcomes: After passing this course the student will be able to:

CO1: Design, analyze and implement algorithms and check their performances against specified parameters.

CO2: Understand the necessary mathematical abstraction to solve different data structure problems. **CO3**: Devise various algorithms for real world problems involving data structures.

Name of the Course : Master of Science (Computer Science)
Paper : ADVANCED COMPUTER ARCHITECTURE
Semester : I

Course Outcomes: After passing this course the student will be able to:

CO1: Have broad knowledge of computer architecture and paradigms of computer system.

CO2: Gain knowledge of parallel computing models and parallel computer structures.

CO3: Understand the concepts of pipelining and multiprocessors.

Name of the Course : **Master of Science (Computer Science)**
Paper : **NETWORK SECURITY PRACTICES**
Semester : **I**
Course Outcomes: After passing course the student will be able to:
CO1: Understand basics of cryptography, network security, services, mechanisms and defining various terms as vulnerability, threat and attack.
CO2: Identify and classify particular examples of attacks, differentiating between Symmetrical and Asymmetrical cryptography.
CO3: Have understanding of data integrity, authentication, digital signatures and hash functions.
CO4: Understand various network security concepts as IPSec, Web security, PGP, Email security

Name of the Course : Master of Science (Computer Science)
Paper : DISCRETE STRUCTURES
Semester : I
Course Outcomes: After passing course the student will be able to:
CO1: Develop the quantitative and mathematical skills required for continuous success in the field of Computer Science.
CO2: Understand and construct simple mathematical proofs of important principles like Pigeonhole principle, Inclusion-Exclusion Principle.
CO3: Get familiarize with data structures like Graphs and Trees.
CO4: Understand the basic and elementary counting techniques, factorials and recurrence relations.

Name of the Course : Master of Science (Computer Science)
Paper : ARTIFICIAL INTELLIGENCE
Semester : I
Course Outcomes: After passing course the student will be able to:
CO1: Understand various search strategies used in AI for finding solution to a problem.
CO2: Gain knowledge of propositional and predicate logic.
CO3: Represent planning in AI in different scenarios.
CO4: Understand basics of fuzzy logic, learning in AI and neural network.

Name of the Course : Master of Science (Computer Science)
Paper : DATA MINING AND WAREHOUSING
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: Understand the basic concepts, need of data mining and difference between ML and data mining. **CO2**: Study and analyze architecture of data warehouse .
CO3: Know various data mining techniques used.
CO4: Have knowledge of various applications areas, trends and challenges of this field.

Name of the Course : Master of Science (Computer Science)
Paper : SYSTEM SOFTWARE
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: Study and analyze various components of system software like translators, loaders, interpreters, compilers, assemblers etc.
CO2: Understand different system software like OS, DBMS, text editors etc.
CO3: Target various applications areas of system software.

Name of the Course : Master of Science (Computer Science)
Paper : ADVANCED WEB TECHNOLOGIES
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: Understand fundamental concepts and theories of web designing using ASP.NET.
CO2: Study and analyze practical uses of different controls of ASP.NET.
CO3: Establish and study dynamic relationship of the language with standard databases.
CO4: Work on other core issues of website like cookies, caching and dependencies.

Name of the Course : Master of Science (Computer Science)
Paper : DESIGN & ANALYSIS OF ALGORITHMS
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: find an optimal solution to a practical problem.
CO2: understand various algorithm design techniques and their applications.
CO3: analyse and implement solutions to complex problems like placement of queens on chessboard, Knapsack, travelling salesman etc.

Name of the Course : Master of Science (Computer Science)
Paper : SOFTWARE TESTING
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: Know fundamental concepts of software testing, Principles and metrics.
CO2: Get knowledge of various software testing issues and categories.
CO3: Learn planning a test project, designing test cases and data and conducting testing operations.
CO4: Gain software testing experience by applying software testing knowledge.

• Post Graduate Diploma in Computer Applications

Programme Specific Outcomes (PSO)

PSO1: Gain knowledge of computer fundamentals and able to work with office automation software.

PSO2: use various DTP (Desktop Publishing) applications like CorelDraw and Photoshop to design banners/logos and also use these skills in photo editing.

PSO3: understand different types of Operating Systems, networking and scripting language concepts.

Course Outcomes (COs)

Name of the Course : Post Graduate Diploma in Computer Applications
Paper : PC COMPUTING-I (BACK OFFICE OPERATIONS)
Semester : I

Course Outcomes: After passing this course the student will be able to:

CO1: Work on Spreadsheet application for office tasks.

CO2: Create effective presentations, can apply designs to enhance the look of the presentation, print a presentation.

CO3: Understand Word Processor, Create, Edit and Format documents, Work with Tables, Import and Export data between Files, Save, Protect and Print documents

Name of the Course : Post Graduate Diploma in Computer Applications
Paper : PC COMPUTING–II (PROFESSIONAL DTP)
Semester : I

Course Outcomes: After passing this course the student will be able to:

CO1: understand the raster and vector graphics, image Resolution, menu and various palettes, concept of path and dimensions.

CO2: use simple graphic design tools and techniques like Masks and Histogram, Acquiring and Importing Images, concept of layer Channels and Path, Filters, Rendering Effects, Transformation, Strokes, Image Modes, Canvas and Images, using Navigator and Photoshop Plugins.

CO3: work on Corel Draw, Vector Graphics, Color Palette and Pasteboard.

Name of the Course : Post Graduate Diploma in Computer Applications
Paper : FUNDAMENTALS OF COMPUTER & OPERATING SYSTEMS
Semester : I

Course Outcomes: After passing this course the student will be able to:

CO1: understand the basic components and functional units of a computer system.
CO2: create folder, shortcuts and manage files in Windows.
CO3: learn fundamentals of disk operation system, DOS structure and DOS commands

Name of the Course : Post Graduate Diploma in Computer Applications
Paper : MULTIMEDIA SYSTEM
Semester : I
Course Outcomes: After passing this course the student will be able to:
CO1: Understanding of Technical aspect of multimedia system
CO2: Understand various file format for audio, video and text media
CO3: Develop various multimedia system applicable in real time
CO4: Design interactive multimedia software

• Post Graduate Diploma in Digital Marketing

Programme Specific Outcomes (PSO)

PSO1: Understand the basics of Internet and Web Designing.

PSO2: Gain fundamental knowledge about online marketing. Understand the set of online marketing tools and strategies that help companies or businesses to promote and advertise their products or services.

PSO3: Learn the importance of every component in digital marketing and understand online marketing channels, how and when to use.

PSO4: Learn the ways for improving website ranking and understand how to optimize the content

PSO5: Learn the fundamentals of social media, Social Media networks and its optimization.

PSO6: Gain importance of Email Marketing, and how to write emails through different email marketing tools for business

Course Outcomes (COs)

Name of the Course : Post Graduate Diploma in Digital Marketing
Paper : DIGITAL MARKETING FUNDAMENTALS
Semester : I

Course Outcomes: After passing this course, the student will be able to:

CO1: understand the basic fundamentals of marketing and the process of digital marketing.

CO2: understand the process of visitors' engagement in marketing.

CO3: learn the process of Converting the traffic into leads

CO4: understand the criteria for Performance evaluation in Digital marketing

Name of the Course : Post Graduate Diploma in Digital Marketing
Paper : FUNDAMENTALS OF INTERNET AND WORDPRESS DESIGN
Semester : I

Course Outcomes: After passing this course, the student will be able to:

CO1: Understand the fundamentals of Internet, Internet Service Providers, Internet addressing and various protocols required.

CO2: Understand the working of E-Mail.

CO3: Learn HTML and DHTML for Website development

CO4: Understand the concept of Search Engine and their usage along with searching strategies.

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Name of the Course : Post Graduate Diploma in Digital Marketing

PaperL : SEARCH ENGINE MARKETING (SEM)
Semester : I
Course Outcomes: After passing this course, the student will be able to:
CO1: Know the term - Search Engine Marketing.
CO2: Learn the history and development of SEM.
CO3: Identify the elements and keywords relevant to search engine marketing.
CO4: Create Web pages designed to be easily crawled and optimally indexed by search engines.
CO5: Construct search engine-friendly Web sites.

Name of the Course : Post Graduate Diploma in Digital Marketing
Paper : SOCIAL MEDIA MARKETING (SMM)
Semester : I
Course Outcomes: After passing this course, the student will be able to:
CO1: Discuss the evolution of social media marketing and identify the ethical issues to communicate its impact on businesses.
CO2: Describe S.M.A.R.T. social media goals to achieve successful online campaigns.
CO3: Work cooperatively within a social media community by observing and listening critically with openness, then act ethically when communicating with varied audiences and build positive reputation within the community.
CO4: Describe the major social media marketing portals that can be used to promote a company, brand, product, service or person.
CO5: Evaluate a company's current situation, isolate social media issues and provide solutions by identifying appropriate social media marketing portals to influence consumer and improve the firm's reputation

• Diploma in Computer Applications

Programme Specific Outcomes (PSO)

After completing the Diploma Course in Computer Applications, the Students will be able to:

PSO1: understand the fundamentals of Computer system and its basic components- Hardware and Software.

PSO2: understand various concepts of computer networks, communication media and use of numerous internet applications efficiently for personal as well as professional purpose.

PSO3: manage all office automation tasks from Word processing to making presentations, from handling worksheets to managing databases in an efficient manner.

Course Outcomes (COs)

Name of the Course : Diploma in Computer Applications
Paper : INFORMATION TECHNOLOGY AND OPERATING SYSTEM
Semester : I

Course Outcomes: After passing this course the student will be able to:

CO1: develop a basic understanding of technologies used in the Internet and effective use of Internet tools including current web-based applications, e-mail, search strategies and basic web authoring.

CO2: learn essential operating system skills including how to use, setup, configure, troubleshoot and maintain a current microcomputer operating system.

CO3: learn about various

Name of the Course : Diploma in Computer Applications
Paper : PC COMPUTING–I (BACK OFFICE OPERATIONS)
Semester : I

Course Outcomes: After passing this course the student will be able to:

CO1: work on Spreadsheet application for office tasks.

CO2: create effective presentations, can apply designs to enhance the look of the presentation, print a presentation.

CO3: understand Word Processor, Create, Edit and Format documents, Work with Tables, Import and Export data between Files, Save, Protect and Print documents

FACULTY OF SCIENCES

• Master of Science (Chemistry)

Programme Specific Outcomes (PSO)

PSO1: do global level research, pursue Ph.D. programme and targeted approach of CSIR-NET examination and competitive exams conducted by service commission

PSO2: attain enormous job opportunities at all levels of chemical, pharmaceutical, food products and lifeoriented material industries.

PSO3: get recruitment in R & D and synthetic division of polymer industries & Allied division.

PSO4: apply modern methods of analysis to chemical systems in a laboratory setting.

PSO5: work effectively and safely in a laboratory environment, use technologies/instrumentation to gather and analyze data and work in teams as well as independently.

PSO6: think critically, develop scientific temper and analyze various chemical.

Course Outcomes (COs)

Name of the Course : Master of Science (Chemistry)

Course Title : Ligand Field Theory (Theory)

Semester : I

Course outcomes: Students will be able to

CO1: illustrate an understanding of the principles of theories of metal-ligand bond.

CO2: demonstrate an understanding of spectra of coordination compounds.

CO3: analyze the spectra of transition metal ions.

CO4: analyze Tanabe – Sugano and Orgel diagrams.

CO5: interpret the stability of complexes. CO6: understand the electronic spectra in transition metal complexes.

CO7: learn mathematical rules for the formation of a group and Point groups

CO8: construct the Character table for various point group and to determine the symmetry of hybrid orbitals

Name of the Course : Master of Science (Chemistry)
COURSE TITLE : Organic Reaction Mechanism- I (Theory)
Semeester : I
Course outcomes: Students will be able to
CO1: acquire the skills for correct stereochemical assignment and interpretation in simple organic molecules.
CO2: formulate his/her own reasoned opinions in the mechanistic side of organic Reactions
CO3: learn the concept of stereochemistry and its importance
CO4: understand the various types of aliphatic and aromatic nucleophilic substitution reaction and their mechanism
CO5: understand the concept and various types of aromaticity
CO6: know about the stereochemical problems in relation to chemical transformations
CO7: know synthetically the processes relevant organic-chemical reactions and be able to discuss the mechanism of these reactions

Name of the Course : Master of Science (Chemistry)
COURSE TITLE : Physical Chemistry – Thermodynamics (Theory)
Semeester : I
Course outcomes: Students will be able to
CO1: calculate change in thermodynamic properties, equilibrium constants, partial molar quantities, chemical potential. Identify factors affecting equilibrium constant.
CO2: apply phase rule and, draw phase diagrams for one, and two component systems, identify the dependency of temperature and pressure on phase transitions limiting law, calculate excess thermodynamic properties.
CO4: calculate the absolute value of thermodynamic quantities (U, H, S, A, G) and equilibrium constant (K) from spectroscopic data.
CO5: predict heat capacity (Cv, Cp) of an ideal gas of linear and non-linear molecules from the number of degrees of freedom, rotational and vibrational wave numbers.
CO6: derive the temperature dependence of the second Virial coefficient (real gases) from interatomic potentials.
CO7: explain T 3 dependence of heat capacity of solids at low temperatures (universal feature) using Debye and Einstein theory of heat capacity of solids.
CO8: explain the concept of Fermi energy in metals and use it to calculate the chemical potential of conduction.

Name of the Course : Master of Science (Chemistry)
COURSE TITLE : SPECTROSCOPY – A: Techniques in Structure Elucidation of Organic Compounds (Theory)
Semester : I
Course outcomes: Students will be able to
CO1: learn about the Principle and applications of ultraviolet and Woodward Fisher Rule
CO2: understand the infra-red spectroscopy in organic structure determination

CO3: know about the Nuclear magnetic resonance spectroscopy. Proton chemical shift, spin-spin coupling, coupling constants and applications to organic structures 13C resonance spectroscopy

CO4: learn the Mass spectrometry and its applications

CO5: to know about the Vibrational spectroscopy, Vibrational coupling overtones and Fermi resonance.

CO6: apply NMR, IR, MS, UV-Vis spectroscopic techniques in solving structure of organic molecules and in determination of their stereochemistry.

CO7: interpret the above spectroscopic data of unknown compounds.

CO8: use these spectroscopic techniques in their research.

Name of the Course : Master of Science (Chemistry

COURSE TITLE : Computer for Chemists

Semester : I

Course outcomes: At the end of the course, the learners should be able to:

CO1: write short simple programs in C language and be able to compile and execute them in a host of machines.

CO2: use standard software tools to perform algebraic and numerical calculations often required in elementary physical chemistry in the areas of quantum chemistry, spectroscopy, kinetics and thermodynamics

Name of the Course : Master of Science (Chemistry)

COURSE TITLE : ORGANIC CHEMISTRY (PRACTICAL)

Semester : I

Course outcomes: The students will be able to

CO1: independently perform two step organic synthesis.

CO2: identify the synthesized compounds by TLC

CO3: perform analysis of common analgesic drugs by TLC

CO4: extract, identify and characterize the compounds isolated from natural products

Name of the Course : Master of Science (Chemistry)

COURSE TITLE : Inorganic Chemistry-II (Theory)

Semester : III

Course outcomes: Students will be able to

CO1: know about the various metal ions present in our body, their function in body and role in medicine

CO2: learn about the different enzymes participating in the chemical reactions inside the body and their functions

CO3: study about the different oxygen carriers present in the body with their structure and stereochemistry

CO4: study in detail about nitrogen fixation reactions and microorganisms involved in nitrogen fixation reactions.

Name of the Course : Master of Science (Chemistry)
COURSE TITLE : Organic Synthesis (Theory)
Semester : III

Course outcomes: Students will be able to

CO1: understand general mechanistic consideration of organic rearrangements

CO2: understand synthesis and reactions of macro ring compounds and fused polynuclear hydrocarbons

CO3: study the synthesis and reactions of three, four, six, seven and large membered Heterocycles

CO4: know about the use of various reagents in organic synthesis and functional group transformations CO5: understand the basic concepts of supramolecular chemistry

Name of the Course : Master of Science (Chemistry)
COURSE TITLE : Surface and Polymer Chemistry (Theory)
Semester : III

Course outcomes: Students will be able to

CO1: study concept of adsorption and micelle formation

CO2: learn about the different kinetics and thermodynamics of polymerization

CO3: learn about the type and classification of polymers

CO4: know about the structure, properties and utilization of polymers.

CO5: study in detail about the glass transition temperature

Name of the Course : Master of Science (Chemistry)
COURSE TITLE : Electrochemistry and Chemical Dynamics (Theory)
Semester : III

Course outcomes: Students will be able to

CO1: Understand the electrochemistry of solutions, method of determination of electrified interfaces, semiconductor electrolyte solution interface

CO2: know theory, monitoring and prevention of corrosion

CO4: understand collision theory of reaction rates, Arrhenius theory and activated complex theory, Lindemann-Hinshelwood theory

CO5: understand various Photochemical reactions, Homogeneous catalysis and kinetics of enzyme reactions, general features and methods of studying fast reactions

CO6: interpret spectra and applications of Voltammetry and Polarography.

Name of the Course : Master of Science (Chemistry)
COURSE TITLE : Photochemistry and Pericyclic reactions (Theory)
Semester : **III**
Course outcomes: Students will be able to
CO1: classify the pericyclic reactions and explain them under thermal and photochemical conditions.
CO2: interpret the product of Pericyclic reactions (Cyclo addition, Electocyclic and sigmatropic Reactions)
CO3: know the basic concepts of photochemical reactions and determine their reaction mechanisms
CO4: apply the knowledge of photochemical reactions of Alkenes, carbonyl compounds, aromatic compounds.
CO5: study named photochemical reactions, photochemistry of smog, polymers and vision

Name of the Course : **Master of Science (Chemistry)**
COURSE TITLE : **Inorganic Chemistry Practical (Preparations)**
Semester : **III**
Course outcomes: Students will be able to
CO1: plan and Conduct experiments for synthesizing, analysing, identifying and characterizing inorganic compounds
CO2: do measurements of magnetic moments of synthesized complexes. CO3: estimate metal content in the synthesized complex

Name of the Course : **Master of Science (Chemistry)**
COURSE TITLE : **Physical Chemistry** Practical
Semester : **III**
Course outcomes Students will be able to
CO1: apply the principle and mechanism of Conductometric and potentiometric titrations
CO2: determine the partial molar volume of compounds using Dilatometer
CO3: determine specific and molar refractivity using Abbes refractometer
CO4: study complex formation and the kinetics of hydrolysis Spectrophotometrically
CO5: determine the molecular weight of polymers by viscometry

• Master of Science (Mathematics)

PO 1: Solve complex Mathematical problems by critical understanding, analysis and synthesis. Students will also be able to provide a systematic understanding of the concepts and theories of Mathematics and their applications in the real world to enhance career prospects in a huge array of field.

PO 2: Have knowledge of advanced models and methods of mathematics, including same from the research frontiers of the field and expert knowledge of a well defined field of study, based on the international level of research in Maths.

PO 3: To generate skills in independently comprehending, analysing, modelling and solving problems at a high level of abstracts based on logical & structured reasoning.

PO 4: Use computer calculations as a tool to carry out scientific investigation and develop new variants.

PO 5: Use mathematical and statistical techniques to solve well defined problems and present their mathematical work, both in oral and written format.

PO 6: Propose new mathematical linear programming techniques & suggest possible software packages or computer programming to find solution to their questions.

PO 7: Apply the knowledge in modern industry or teaching or secure acceptance in high quality graduate program in maths and other fields such as the field of quantitative/mathematical finance, mathematical computing, statistics and actuarial sciences.

PO 8: Read, Understand construct correct mathematical and use the library and electronic data basis to locate information on mathematical problem

Programme Specific Outcomes (PSO)

After the successful completion of this course, the students will be able to

PSO 1: Develop a deeper and more rigorous understanding of calculus including defining terms and proving theorems about sets, functions, sequences, series, limits, continuity, derivatives, the Riemann integrals, and sequence of functions. The course will develop specialized techniques in problem solving.

PSO 2: Handle mathematical operations, analysis and problems involving complex numbers. Justify the need for a complex number system and explain how it is related to other existing number systems.

PSO 3: Understand the importance of algebraic properties with regard to working within various number systems, demonstrate ability to form and evaluate conjectures.

PSO 4: Apply differential equations to significant applied and/or theoretical problems, to model physical and biological phenomenon by differential equations and dynamical systems.

PSO 5: To describe fundamental properties including convergence, measure, differentiation and integration of the real numbers developing the theory underpinning real analysis, to appreciate how ideas and abstract methods in mathematical analysis can be applied to important practical problems.

PSO 6: To use tensor to describe measured quantities, to formulate and solve physics problems in areas such as stress, elasticity including problems in geometry, to analyze shapes in computer version and other areas of mathematical sciences.

PSO 7: To demonstrate capacity for mathematical reasoning through analyzing, proving and explaining concepts from field extension and Galois theory , to apply problem solving to diverse situations in physics, engineering and other mathematical contexts.

PSO 8: To understand forces linear and circular and their effects on motion, to analyze how a physical system might develop or alter over time and to study the cause of these changes.

PSO 9: Explain fundamental concepts of theory of integral equations, distinguish the difference between differential equations and integral equations, to develop, analyze and solve mathematical models for multidisciplinary problems.

Course Outcomes (COs)

Name of the Course : Master of Science (Mathematics)
Course Title : Real Analysis-I
Semester : I

Course outcomes: After the completion of this course, students should be able to

CO 1: Explain the fundamental concepts of real analysis and their role in modern mathematics.

CO 2: Demonstrate capacity for mathematical reasoning through analyzing, proving and explaining concepts of real analysis.

CO 3: Give argument related to convergence, continuity, completeness, compactness, connectedness in metric spaces.

CO 4: Understand and derive proofs of mathematical theorems. This includes understanding the role of axiom, logic and particular proof techniques such as proof by induction, proof by contradiction etc.

CO 5: To perform RS Integration on certain type of functions for carrying out the computation fluently. Also to compute integral by using the fundamental theorem of calculus.

Name of the Course : Master of Science (Mathematics)
Course Title : Complex Analysis
Semester : I

Course Outcomes: Course objectives of Complex Analysis are aimed to provide an introduction to the theories for functions of complex variables. Upon successful completion of this course the student will be able to:

CO1. Justify the need for a complex number system and explain how it is related to other existing number system.

CO2. Define a function of complex variable and carry out basic mathematical operations with complex numbers.

CO3. State and prove the Cauchy Riemann Equation and use it to show that a function is analytic.

CO4. Define singularities of a function, know the different types of singularities and be able to determine the points of singularities of a function.

CO5. Understand the concept of sequences and series with respect to the complex numbers system.

Name of the Course : Master of Science (Mathematics)
Course Title : Algebra-I
Semester : I

Course Outcomes: Upon completion of this course, students should be able to:

CO 1: Demonstrate understanding of and the ability to work within various algebraic structures.

CO 2: Demonstrate understanding of the importance of algebraic properties with regard to working with various number systems.

CO 3: Effectively write abstract mathematical proofs in a clear and logical manner.

CO 4: Explain the fundamental concepts of finite group theory and finite field theory.

CO 5: Use Lagrange's theorem to analyze the cyclic subgroups of a group.

CO 6: Explain the significance of the notion of a normal subgroup, quotient group and simple group.

CO 7: Use the concepts of homomorphism, isomorphism and automorphism to prove or disprove the given map is a homomorphism, isomorphism or automorphism.

CO 8: State isomorphism theorems and use them to work with quotient groups.

CO 9: Describe the structure of finite abelian group.

CO 10: Use Sylow's theorems to describe the structures of certain finite groups.

CO 11: State the definitions of ring, subring, ideal, ring homomorphism

Name of the Course : Master of Science (Mathematics)
Course Title : Mechanics-I
Semester : I

Course Outcomes: After the successful completion of the course, the students will be able to

CO 1: Determine velocity and acceleration of a particle along a curve , differentiate between radial and transverse components.

CO 2: Apply knowledge of angular velocity in circular motion to explain natural physical process and related technological advances.

CO 3: Understand and define the concept of Newton's law of motion and identify situations from daily life that they can explain with the help of these laws.

CO 4: Define Work, energy, power, conservative forces and impulsive forces.

CO 5: Define and differentiate between uniform acceleration motion, resisted motion, and simple harmonic motion.

CO 6: Solve complex problems related to projectile motion under gravity, constrained particle motion and angular momentum of a particle; define cycloid and its dynamical properties.

CO 7: Manage to solve problems related to reciprocal polar coordinates, pedal coordinates and equation, apply Kepler's law of planetary motion and Newton's law of gravitation in real life problems. **CO 8**: Understand the concept of moment of inertia of a rigid body rotating about a fixed point, Momental ellipsoid and coplanar distribution

Name of the Course : Master of Science (Mathematics)
Course Title : DifferentialEquations
Semester : I

Course outcomes: After studying this course students will be able to

CO 1: Analyse real world scenarios to recognize when ordinary differential equations or system of ordinary differential equations are appropriate and formulate problems about the scenarios.
CO 2: Work with ordinary differential equations and system of ordinary differential equations and use correct mathematical terminology to solve these equations.
CO 3: Express the basic existence theorem for higher order linear differential equations.
CO 4: Perform Laplace Transform in finding the solution of linear differential equations and explain basic properties of Laplace transform and also express the inverse Laplace transform.
CO 5: Perform Fourier Transform in finding the solution of linear differential equations and explain basic properties of Fourier transform and also express the inverse Fourier transform.
CO 6: Solve total differential equations and simultaneous differential equations and will calculate orthogonal trajectories of different curves and will learn Sturm Comparison Theorem and Sturm Separation Theorem and also learn to apply these theorems to solve various problems.

Name of the Course : Master of Science (Mathematics)
Course Title : Functional Analysis-I
Semester : III

Course outcomes: After passing this course, the students will be able to:
CO 1: Understand the concept of normal linear paces like LP(n), LP (infinite), quotient and LP-spaces.
CO 2: This area combines ideas from linear Algebra and analysis in order to handle infinite dimensional reactor spaces and linear mapping theorem.
CO 3: Correlate functional analysis with mathematical physics, partial differential equation, Mathematics and numerical analysis.
CO 4: Demonstrate the open mapping theorem, closed graph theorem and uniform bounded principal. **CO 5:** Describe the concept of continuous linear transformation, equation noun and compactness.

Paper of the Course: Master of Science (Mathematics)
Course Title : Topology-I
Semester : III
Course Outcomes : Upon successful completion of this course the student will be able to:
CO 1: Demonstrate knowledge and understanding of concepts such as open and closed sets, closure and boundary.
CO 2: Apply theoretical concepts in topology to understand real world application.
CO 3: Will understand the behaviour of sequence in different topological spaces.
CO 4: Create new topological spaces by using subspace and product topologies.
CO 5: Know and understand the concepts related to separation axioms such as T0 , T1 and, T2 spaces

Paper of the Course : Master of Science (Mathematics)
Course Title : Integral Transforms
Semester : III
Course Outcomes: Having Successfully completed this course the students will be able to:

CO 1: Understand how Integral Transforms can be used to solve a variety of Differential Equations.
CO 2: Understand purpose of Fourier series and Transformation.
CO 3: Know the use of Laplace Transform in Solving Boundary Value Problems.
CO 4: Use Z-Transform in the characterization of Linear Time Invariant System in development of Scientific Simulation algorithms.
CO 5: Recognize the different methods of finding Laplace Transforms and Fourier Transforms of different functions.
CO 6: Apply the knowledge of linear Transforms, Fourier Transforms and Finite Fourier Transforms in finding the solutions of Differential Equations ,Initial value problems and Boundary value problems.

Paper of the Course : Master of Science (Mathematics)
Course Title : Statistics-I
Semester : III
Course Outcomes Upon the successful completion of course, students will be able to:
CO 1: Distinguish between different types of data
CO 2: Interpret examples of methods for summarizing data sets, including common graphical tools such as histogram and summary statistics such as mean median mode and variance.
CO 3: Find the probability of single even and complementary event
CO 4: Contrast discrete and continuous random variable.
CO 5: Apply general properties of expectations and variance.
CO 6: Compute probabilities for Binomial and Poisson distribution

Paper of the Course : Master of Science (Mathematics)
Course Title : Operations Research-I
Semester : III
Course outcomes: After studying this course students will be able to:
CO 1: Identify and develop operational research models from the verbal description of the real system. **CO 2:** Understand the mathematical tools that are needed to solve optimization problems.
CO 3: Identify optimum solutions.
CO 4: Determine better solutions in decision making problems with great speed, competence and confidence.
CO 5: Plan optimum allocation of various limited resources such as men, machines, material, time, money etc. for achieving the optimum goal.
CO 6: Find out a profit plan for the company.
CO 7: Plan, forecast and make rational decisions.
CO 8: Construct linear programming and integer linear programming models and discuss the solution techniques.
CO 9: Apply the Duality concepts to find the solutions of the primal problems.
CO 10: Analyze the transportation and assignment problems and solve those using mathematical models.
CO 11: Explain fundamentals of Dynamic Programming.

Master of Science Physics

Programme Specific Outcomes (PSO)

M.Sc. (Physics) After the successful completion of the program, the student will be able to do the following:

PSO 1. The Master of Science in Physics program provides the detailed functional knowledge of the fundamental theoretical concepts and experimental methods of physics. It will help the candidate to enhance her general competence, and analytical skills on an advanced level, and will prepare her according to the jobs needed in education, research or public administration.

PSO 2. The student will have the knowledge of the topics of the research conducted by researchers at the Department of Physics, and knowledge of a well-defined area of research within physics.

PSO 3. The student will have the understanding of the basic concepts of classical mechanics, quantum mechanics, statistical mechanics and electricity and magnetism to appreciate how diverse phenomena observed in nature follow from a small set of fundamental laws through logical and mathematical reasoning.

PSO 4. The student will learn to carry out experiments in basic as well as certain advanced areas of physics such as nuclear physics, condensed matter physics, spectroscopy, lasers and electronics.

PSO 5. The work course of project and assignment will give the students special expertise within one of the research areas represented at the Department of Physics which will result in some research experience within a specific field of physics, through a supervised project.

PSO 6. The student will be able to critically apply the knowledge gained during the course to scientific models and solve problems in the areas of electrodynamics, quantum mechanics, classical mechanics, statistical mechanics, and advanced mathematical methods.

PSO 7. General competence

The candidate will be able to

- Understand the role of physics in society and know the historical development of physics its possibilities and limitations, and understands the value of lifelong learning.
- Gather, assess, and make use of new information

Course Outcomes (COs)

Paper of the Course : Master of Science. (PHYSICS)
Course Title : ANALOG AND DIGITAL ELECTRONICS
Semester : I
COURSE OUTCOMES: After passing this course the student will be able to:
CO 1. Understand the concept of Electronic devices (MOSFET, UJT, SCR) and their applications.
CO 2. Demonstrate the concept of Electronic circuits: Operational Amplifier and its applications
CO 3. Use concept of Digital Principles for electronic conversions.
CO 4. Demonstrate application of sequential circuits.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : MATHEMATICAL PHYSICS
Semester : I
COURSE OUTCOMES: On completion of this course a student will be able to:
CO 1. Understand and use, advanced mathematical methods and theories on various mathematical and physical problems.
CO 2. Identify different special mathematical functions.
CO 3. Understand Cartesian (X, Y, Z), Spherical polar (r, θ, φ) and Cylindrical (ρ, φ, z) coordinate systems and their transformation equations.
CO 4. Solve partial differential equations with appropriate initial or boundary conditions with Green function techniques
CO 5. Have confidence in solving mathematical problems arising in physics by a variety of mathematical techniques

Paper of the Course : Master of Science. (PHYSICS)
Course Title : CLASSICAL MECHANICS
Semester : I
COURSE OUTCOMES:
CO 1. After the students complete this course they will be familiar with aspects of Classical Mechanics such as Lagrangian and Hamiltonian formulation, particle in central potentials, rigid body motion. These will form the essential background for other courses such as Quantum Mechanics, Electrodynamics and High Energy Physics that students would learn in the subsequent semesters.
CO 2. Students will learn the importance of Lagrangian and Hamiltonian mechanics over the Newtonian mechanics and be able to solve the complex problems on the equations of motion by applying these two techniques.
CO 3. Having successfully completed this course, students will be able to demonstrate knowledge and understanding of orbit problems using the conservation of angular momentum and total energy.
CO 4. Students will also be able to demonstrate understanding of rigid body motion using Euler theorem and Euler angles, which will help them to solve advanced problems pertaining to celestial mechanics.
Paper of the Course : Master of Science. (PHYSICS)
Course Title : COMPUTATIONAL TECHNIQUES

Semester : I

COURSE OUTCOMES: On completion of this course a student will be able to:

CO 1. The very first outcome of the course is having knowledge about various programming languages, their need in research and development.

CO 2. The introduction to MATLAB gives a basic knowledge about syntaxes and procedures used in MATLAB to solve various mathematical problems.

Understanding of interpolation of data from an experimental data with equal and unequal **CO 3.** intervals.

CO 4. The students will be able to solve integration and differentiation numerically by using various methods.

CO 5. Understanding of various numerical methods to solve polynomial and transcendental equations gives an insight of working of these methods.

Paper of the Course : Master of Science. (PHYSICS)

Course Title : ELECTRONICS LAB

Semester : I

COURSE OUTCOMES After successfully completion of this lab student will be able to

CO1: Characterise and understand the applications of DIAC, TRIAC, UJT and SCR.

CO2: Investigate characteristics of MOSFET and Multivibrators.

CO3: understand experimentally working of Operational Amplifier and its applications

CO4: basics about Digital Logic circuits from logic gates to ALU.

Paper of the Course : Master of Science. (PHYSICS)

Course Title : COMPUTER LAB

Semester : I

Course Outcome: After completion of this lab Student will be

CO1: familiar with various MATLAB syntaxes and techniques to carryout simple calculations.

CO2: able to develop MATLAB programs to find roots of equations.

CO3: able to apply MATLAB commands to plot simple graphs in 2D.

CO4: able to write MATLAB programs to solve numerical integration, numerical differentiation and interpolation.

Paper of the Course : Master of Science. (PHYSICS)

Course Title : QUANTUM MECHANICS-I

Semester : I I

Course Outcome: This course develops concepts in quantum mechanics such that the behavior of the physical universe could be understood from a fundamental point of view. It provides a basis for further study of quantum mechanics

CO 1. The very first outcome of the course is that the student will learn the mathematical tools needed to solve quantum mechanics problems. This will include complex functions and Hilbert spaces, and the theory of operator algebra and the concept that quantum states could be described in a vector space. Solutions of ordinary and partial differential equations that arise in quantum mechanics will also be studied.

CO 2. The student will be able to build connections between mathematical development and conceptual understanding.

CO 3. The student will be able to apply the concepts of quantum mechanics to solve the one and three dimensional problems of quantum mechanics to understand the basics of atomic structures and the wave mechanics of these atoms.

CO 4. The student will learn the basic concepts of spin and angular momentum and the role of spherical harmonics in determining the shape of electronic clouds around the nucleus. They will also learn about the utilization of simple harmonic oscillator and the role of Hilbert space in developing simple harmonic oscillator.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : ELECTRODYNAMICS-I
Semester : I I

Course Outcome: After passing this course the students will be able to:

CO1: understand the basic concepts of electrostatics and magnetism and related quantities and their calculations for different charge distribution as well as the behaviour of electric and magnetic field inside matter. The students will have the ability to solve the electrostatic problems by method of images helps.

CO2: demonstrate knowledge about the time-varying magnetic and electric fields and their effects by **CO3**: understand the propagation of electromagnetic waves in conducting and insulating media.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : Condensed Matter Physics-I
Semester : I I

Course Outcome: After studying this course, the students will be able to understand:

CO1: Various structures of crystal. The students will be able to draw crystal planes through the knowledge of Miller indices.

CO2: Students have learned about crystal diffraction. How the diffraction takes place and the various methods through which it can be observed.

CO3: The students have learned about lattice vibrations through the concept of phonons. Different models of specific heat, i.e. Einstein model and hence Debye model of specific heat.

CO4: Students have studied about the Fermi Dirac statistics and its applications. Students will be able to find the distinction between metals and insulators, semiconductors.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : CONDENSED MATTER PHYSICS LAB-I
Semester : I I

Course Outcome: Student upon completion of this course will be able to

CO 1. successfully apply the theoretical techniques presented in the course to practical problems

CO 2. Understand Hall Effect and demonstrate concept of Pn junction g-factor using ESR, formation and analysis of Hysteresis loop.

CO 3. Demonstrate experimental determination of Energy gap using Four Probe Method and characteristics of photovoltaic cell

Paper of the Course : Master of Science. (PHYSICS)
Course Title : SPECTROSCOPY LAB
Semester : I I
Course Outcome: On successful completion of the course students will be able to:
CO 1. develop analytical, laboratory skills through laboratory which involve the application of physics to various spectroscopy systems.
CO 2. successfully apply the theoretical techniques presented in the course to practical problems
CO 3. set up the Fabry Parot interferometer, Michelson Morley interferometer, Zeeman experimental instrument and constant deviation spectrometer

Paper of the Course : Master of Science. (PHYSICS)
Course Title : QUANTUM MECHANICS-II
Semester : III
Course outcomes
CO 1. Quantum mechanics-II aim at the applications of quantum mechanics. The course should give deeper knowledge about the foundations of quantum mechanics and skills in problem solving in quantum mechanics.
CO 2. Make students familiar with various approximation methods applied to atomic, nuclear and solid-state physics, and to scattering.
CO 3. The students will learn the applications of Time-independent and time-dependent perturbation theory in quantum mechanics and will develop a knowledge and understanding of perturbation theory, level splitting, and radiative transitions;
CO 4. Develop a knowledge and understanding of the scattering matrix and partial wave analysis; and to solve quantum mechanics problems;

Paper of the Course : Master of Science. (PHYSICS)
Course Title : Electrodynamics-II
Semester : III
Course outcomes: After passing this course the students will be able to:
CO1: Understand different types of waveguides. The transmission of electromagnetic signals through waveguide. The attenuation and loss of signal in waveguides
CO2: Correlate Einstein's special theory of relativity with classical mechanics and electrodynamics in terms of tensor notation.
CO3: Study the fields around electric dipole, magnetic dipole and electric quadruple. The transition of signal from full wave and half wave antennas.
CO4: Understand fields due to moving charges in terms of vectors and in terms of relativistic mechanics.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : Condensed Matter Physics-I
Semester : III
Course Outcome: After studying this course, the students will be able to understand:
CO1: Various structures of crystal. The students will be able to draw crystal planes through the knowledge of Miller indices.
CO2: Students have learned about crystal diffraction. How the diffraction takes place and the various methods through which it can be observed.
CO3: The students have learned about lattice vibrations through the concept of phonons. Different models of specific heat, i.e. Einstein model and hence Debye model of specific heat.
CO4: Students have studied about the Fermi Dirac statistics and its applications. Students will be able to find the distinction between metals and insulators, semiconductors.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : NUCLEAR PHYSICS
Semester : III
Course Outcomes: Upon completion of this course, the student will be able to:
CO 1. Identify basic nuclear properties and outline their theoretical descriptions.
CO 2. Understand the nature of nuclear forces that bind atomic nuclei together and the structure and dynamics of nuclei.
CO 3. Apply the semi-empirical mass formula to evaluate the binding energy of a nucleus and other binding energy related properties.
CO 4. Describe the role of spin-orbit coupling in the shell structure of atomic nuclei, and predict the properties of nuclear ground and excited states based on the shell model.
CO 5. Understand the various decay properties of unstable nuclei such as beta decay, gamma decay, and parity violation.
CO 6. Compare different nuclear reaction mechanisms in relation to cross-sections, excitation functions and angular distributions.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : CONDERNSED MATTER LAB-II
Semester : III
Course Outcomes: Upon completion of this course, the student will be able to:
CO 1. Understand the mechanism of domain formation in ferromagnetic materials and to
CO 2. find the energy losses in various ferromagnetic materials
CO 3. Understand the concept of Curie temperature.
CO 4. Understand the concept of charge storage mechanism in p-n junction diodes
CO 5. Understand the phonon and photon interactions in materials
CO 6. Will learn to work with the travelling, transmission and reflection of microwaves.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : NUCLEAR PHYSICS LAB
Semester : III

Course Outcomes: Upon completion of this course, the student will be able to:
CO 1. Carry out experimental work using NaI (Tl) scintillation detector and GM counter in the field of radiation shielding and radioactive analysis of various materials.
CO 2. Understand the interaction of beta particles, alpha particles and gamma ray with matter.
CO 3. Understand the importance of statistical nature of radioactivity in the field of radioactive analysis. **CO 4.** Investigate the attenuation power of various materials for alpha, beta and gamma radiation

Paper of the Course : Master of Science. (PHYSICS)
Course Title : PARTICLE PHYSICS
Semester : III
Course Outcomes:
CO1: After completing this course the students will understand the fundamental principles and concepts governing particle physics. The students will learn various experimental techniques used in discovering the elementary particles and their various properties such as mass, lifetime, parity and spin.
CO2: Students will be able to understand the role of symmetries in particle physics. They will acquire basic knowledge on the fundamental forces of universe and various conservation laws followed in these forces (interactions).
CO3: Students will also learn the concept of CP violation in detail which will lead them to their knowledge about current area of research on the missing antimatter of universe.
CO4: The students will learn the Feynman rules and their application in calculating the cross sections for various particle interactions.
CO5: They will also be able to understand the theory of spontaneous breaking symmetry and its application to Higgs mechanism. Students will also have a broad overview of the standard model of particle physics and its predictions.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : CONDENSED MATTER PHYSICS-II
Semester : III
Course Outcomes:
CO 1. Condensed Matter Physics-II aim at the applications of Solid state Physics. The course should give deeper knowledge about magnetic materials.
CO 2. Make students familiar with various concepts like curie's temperature, super exchange interaction and p**r**operties of hysteresis loop.
CO 3. The students will have knowledge of superconductors and its types and how its properties can be applicable in the research field.
CO 4. Develop a knowledge and understanding of the optical properties and students will get the knowledge how these properties are beneficial in the field of research.

Paper of the Course : Master of Science. (PHYSICS)
Course Title : RADIATION PHYSICS
Semester : III
Course Outcomes:
CO 1. Radiation Physics aim at study the knowledge of ionizing Radiation and Radiation Quantities.
CO 2. Make students familiar with various types of dosimeters.
CO 3. The students will have knowledge of Radiation effects and its protection.
CO 4. Develop a knowledge and understanding of the radiation shielding

Paper of the Course : Master of Science. (PHYSICS)
Course Title : REACTOR PHYSICS
Semester : III
Course Outcomes:
CO1. Reactor Physics aims to give an insight on functioning of Reactors.
CO2. To learn about Reactor safety and control CO3.Types of reactors and detailed working of Indian nuclear reactors

Bachelor of Science (Honours) Physics

Programme Specific Outcomes (PSO)

(**PSOs) 1**. Students will demonstrate proficiency in mathematics and the mathematical concepts needed for a proper understanding of physics.

2. Students will demonstrate knowledge of classical mechanics, electromagnetism, quantum mechanics, Electronics, Nuclear and thermal physics, and be able to apply this knowledge to analyse a variety of physical phenomena.

3. Students will demonstrate knowledge of organic, Physical and inorganic chemistry and are able to recognize and apply the principles of atomic and molecular structure to predict chemical properties and chemical reactivity.

4. Students will show that they have learned laboratory skills, enabling them to take measurements in a physics and chemistry laboratory and analyse the measurements to draw valid conclusions.

5. Upon completion of this degree, students will be able to understand theoretical concepts of instruments that are commonly used in most physics and chemistry fields as well as interpret and use data generated in instrumental analysers.

6. Students will be capable of oral and written scientific communication, and will prove that they can think critically and work independently.

Course Outcomes (COs)

Paper of the Course : Bachelor of Science (Honours) Physics

Course Title : **Punjab History and Culture (From Earliest Times to C 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab**

Semester : **I**

COURSE OUTCOMES: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : COMMUNICATION SKILLS IN ENGLISH (Theory)
Semester : I

COURSE OUTCOMES: At the end of this course, the students will develop the following Skills:

CO 1: Reading skills that will facilitate them to become an efficient reader

CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well

CO 3: The power to analyse, interpret and infer the ideas in the text

CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking

CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English

CO 6: Ability to plan, organise and present ideas coherently on a given topic

CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : MECHANICS-I
Semester : I

Course Outcomes: After passing this course, students will be able to:

CO1: Understand the various coordinate systems and its applications. Students will be able to know the conservations laws and the symmetries of space & time.

CO2: Know the fundamental forces of nature, concept of center mass, central forces and the motion of particle under central force and to determine the turning points of orbit.

CO3: Understand the frames of reference, coriolis forces and its applications and effect of rotation of earth on g.

CO4: understand the elastic collision in different systems, cross section of elastic scattering as well as Rutherford scattering and know the motion of rigid body

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : ELECTRICITY & MAGNETISM-I
Semester : I

Course Outcomes: After passing this course the students will be able to:

CO1: understand the vector calculus and vector algebra and its applications in electricity and magnetism. The students will be able to solve the electrostatic problems with the help of Gauss law and Coulomb's law.

CO2: understand the applications of scalar potential for the calculation of electric field and electric potential due to an arbitrary charge distribution.

CO3: solve the problems with the help of method of images and understand the conduction of electric current and fundamental laws of electricity and relate the electric and magnetic fields in two inertial frames of reference.

CO4: able to understand electric field, potential and polarization of different media and related quantities

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : Mathematics-I
Semester : **I**
Course outcomes: After the completion of this course, students should be able to :
CO 1:Give argument related to limits, continuity and derivative of a function.
CO 2: Understand the concept of maxima and minima of a function of a single variable.
CO 3: Explain the significance of Roll' s theorem, Mean Value theorem, and Taylor's and Maclaurin's theorem to find the expansions of functions.
CO 4: Demonstrate the geometrical meaning of integral calculus as an area and their uses in the determination of C.G & moments of inertia.
CO 5: Understand how to solve linear differential equations with constant coefficients and linear homogeneous and inhomogeneous differential equations of second order

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : Chemistry I
Semester : **I**
Course outcomes: Students will be able to
CO1: differentiate between chiral and achiral compounds, configuration and conformation.
CO2: understand the concept of isomerism
CO3: understand the resolution of enantiomers and differentiate between dextrorotatory and laevorotatory compounds.
CO4: do conformational analysis of ethane, butane, cyclohexane, monosubstituted and disubstituted cyclohexane.
CO5: explain the various methods of formation and chemical reactions of alkanes, alkenes and alkynes. **CO6:** understand functional group transformation by nucleophilic substitution.
CO7: describe the mechanism and stereochemistry of nucleophilic substitution reactions.
CO8: understand the principles of nucleophilic addition to carbonyl groups.

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : Physics Lab-I
Semester : **I**
Course Outcomes:
CO1: Students will be able to find the value of acceleration due to gravity using pendulums.
CO2: It will give understanding of collisions in 1-Dimension.
CO3: It helps to study the moment of inertia of a body & on what factors it depends.

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : Chemistry Lab-I
Semester : **I**
Course Outcomes: Students will be able to

CO1: develop skills required for the qualitative analysis of organic compounds,
CO2: detect elements (N, S and halogens)
CO3: detect functional groups (phenolic, carboxylic, carbonyl, esters, carbohydrates, amines, amides, nitro) in simple organic compounds
CO4: determine the physical constants of organic compounds.
CO5: prepare the derivatives of organic compounds.

Paper of the Course : Bachelor of Science (Honours) Physics
Course Title : DRUG ABUSE
Semester : I
Course Outcomes:

CO 1. This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;
CO 2. How to be supportive during the detoxification and rehabilitation process.
CO 3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
CO 4. Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

• Bachelor of Science (Honours) Mathematics

Programme Specific Outcomes (PSO)

PSO1: Solve complex Mathematical problems by critical understanding, analysis and synthesis. Students will also be able to provide a systematic understanding of the concepts and theorem of Mathematics and their applications in the real world to an advanced level, enhance career prospects in a huge array of field suitable to succeed at an entry level position in Mathematics post graduate program.

PSO2: Demonstrate proficiency in Mathematics and the Mathematical concepts needed for a proper understanding of Physics, Chemistry, Electronics, Computer Science and Economics.

PSO3: Create and develop Mathematical software application using a systematic approach & apply discrete Mathematical concept to practical application.

PSO4: Demonstrate knowledge of Calculus I & II, Matrices and Theory of Equations, Analytical and Solid Geometry, Statics & Tensor Calculus and able to apply this knowledge to analyze a variety of Mathematical Phenomena.

PSO5: Demonstrate knowledge of physical chemistry & apply this knowledge to analyze a variety of chemical phenomena & will be able to interpret and analyze quantitative data.

PSO6: Understand and demonstrate the knowledge of Mechanics, area, volume and displacement with differential equation of the orbit.

PSO7: Understand the basic concepts and basic principles of Demand and Supply, Measurement of Price Elasticity of Demand and apply Economic theories to derive cost function from Production Function.

PSO8: Learn implications of Revenue curves and their mutual relationships.

PSO9: Develop statistical approach and mathematical thinking among students to problem solving on a diverse variety of disciplines.

PSO10: Have knowledge of computer fundamentals, able to handle practical programming problems using C and analyze large volume of data using various statistical techniques

Course Outcomes (COs)

Paper of the Course : Bachelor of Science (Honours) Mathematics

Course Title : Punjab History & Culture (From Earliest Times to C. 320) (Special Paper in lieu of Punjabi compulsory)

Semester : I

Course Outcomes: After completing Semester I and course on Punjab History and Culture students will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Communication Skills in English
Semester : I

Course Outcomes: At the end of this course, the students will develop the following Skills:

CO 1: Reading skills that will facilitate them to become an efficient reader

CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well

CO 3: The power to analyse, interpret and infer the ideas in the text

CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking

CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English

CO 6: Ability to plan, organise and present ideas coherently on a given topic

CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Calculus-I
Semester : I

Course Outcomes: After passing this course, the students will be able to:

CO 1: Understand real number system, lub & glb of set of real numbers, limit of a function, basic properties of limit & to apply it in real world problem.

CO 2: Analyses continuous and discontinuous function, Apply concept of continuity in uniform continuity.

CO 3: Demonstrate Asymptotes, points of inflexion, multiple points on a curve & also to differentiate between concavity and convexity & hence tracing of curve.

CO 4: Apply reduction formula on different functions & to apply in a wide variety of disciplines like Bio, Eco, Physics & Engineering.

CO 5 : To understand the concepts of Riemann sum, partitions, upper and lower sums, Riemann integrability of continuous functions and of monotone functions.

CO 6: To Classify the difference between increasing and decreasing functions.

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Coordinate Geometry
Semester : I

Course Outcomes : After passing this course, the students will be able to:

CO 1: Understand the concept of the geometry of lines and conics in the Euclidian plane.

CO 2: Develop geometry with a degree of confidence and will gain fluency in the basics of Euclidian geometry.

CO 3: Sketch conic sections; identify conic sections, their focal properties and classifications.
CO 4: Demonstrate the concept of parabola, ellipse, hyperbola, sphere and the general quadratic equation.
CO 5: Understand the concept of coordinate geometry on a wider scale with the help of shifting of origin and rotation of axis.

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Physical Chemistry
Semester : I
Course Outcomes : After passing this course, the students will be able to:
CO1: understand the various thermodynamic properties and laws of Thermodynamics.
CO2: acquire knowledge about the various thermodynamic terms like enthalpy of formation, enthalpy of ionisation, entropy, internal energy.
CO3: calculate entropy change for reversible and irreversible processes under isothermal and non-isothermal conditions and also absolute entropies of substances.
CO4: understand the relation between free energy change and equilibrium constants Kp, Kc and Kf. **CO5**: describe the Phases and Phase rule and its thermodynamic derivation.
CO6: draw and explain the phase diagrams of water system, sulphur system
CO7: understand the concept of Electrochemistry and various terms related to it like resistance, conductance, specific resistance, cell constant, EMF.
CO8: understand the importance of Nernst Equation in electrochemistry.
CO9: determine the transference number of ions using Hittorf and moving boundary methods.
CO10: understand the concept of reaction rates and determine the rate law from initial rate data
CO11: determine the order of reaction with respect to each reactant, the overall order of reaction, the rate constant with units

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Chemistry Practical
Semester : I
Course Outcomes : After passing this course, the students will be able to:
CO1: determine the surface tension of different liquids and solutions
CO2: determine the viscosity of different liquids and solutions
CO3: efficiently use of calorimeter in various experiments
CO4: determine heat of neutralization and heat of solution

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Micro Economics-I
Semester : I
Course Outcomes : After passing this course students will be able to:
CO1: have an In-depth grounding in the preliminary concepts and theories in consumer behavior and concept of elasticity.
CO2: understand the cost structure, market structure and production functions.

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Statics
Semester : I
Course Outcomes: After passing this course, the students will be able to:
CO 1: Apply parallelogram law of forces, triangle law of forces, Lami's theorem to real life problems.
CO 2: Understand that how one can resolve number of coplanar forces, parallel forces and concurrent forces acting at a body.
CO 3: Find the moments of number of coplanar forces acting at a particle
CO 4: Find the resultant of a force and couple acting on a body.
CO 5: Find the applications of CG of a rod, triangular lamina, solid hemisphere, hollow hemisphere, solid cone and hollow cone.

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Mechanics
Semester : I
Course Outcomes: After the completion of this course a student will be able to:
CO1: Understand the various coordinate systems and its applications. Students will be able to know the conservations laws and the symmetries of space & time.
CO2: Know the fundamental forces of nature, concept of centre mass, central forces and the motion of particle under central force and to determine the turning points of orbit.
CO3: Understand the frames of reference, Kepler's laws, and effect of rotation of earth on g.
CO4: know the rotational motion of rigid body, its kinematics and Euler's equations

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Drug Abuse
Semester : I
Course Outcomes: CO1. This information can include factual data about what substance abuse is: warning signs of addiction; information about how alcohol and specific drugs affect the mind and body. **CO2.** How to be supportive during the detoxification and rehabilitation process.
CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop and get help for substance use disorder.
CO4. Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substance, such as alcohol, marijuana etc.

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Calculus III
Semester : III
Course Outcomes: After passing this course, the students will be able to:
CO1: Evaluate Partial derivatives and recognize the various notations used for partial derivatives.
CO2: To find optimization value for a function of several variables.
CO3: Apply double integration technique in finding the area of a region.

CO4: Recognize the appropriate tools of calculus to solve applied problems.
CO5: Analyze functions using limit, continuity,derivative and integration

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Ordinary Differential Equations & Special Function
Semester : III
Course Outcomes After passing this course, the students will be able to:
CO1: Demonstrate the concept Of Linear Differential equation with constant and variable coefficients
CO2: Apply in wide variety of disciplines Physics, Biology, Economics
CO3: Manage to solve the problems related to series solution of Differential equation by power series method.
CO4: Understand the Bessel function and their application to physical world CO5: Understand the Legendre function and their application to physical world

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Probability Theory
Semester : III
Course Outcomes After passing this course, the students will be able to:
CO1: Find the probability of single event and compound and complimentary event
CO2: Contrast discrete and continuous random variable CO3: Apply general Properties of expectation and variance CO4: Differentiate between the events with Binomial and Poisson distribution
CO5: Apply Normal distribution in real time applications
CO6: Translate the real world problem into probability based mathematical model
CO7: Identify the characteristics of different continuous and discrete distribution
CO8: Use different distributions to solve practical problems

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Linear Algebra
Semester : III
Course Outcomes: After passing this course, the students will be able to:
CO1: To understand the concepts of base and dimension of vector space.
CO2: To get familiar with row and column space of a matrix.
CO3: To understand matrix representation of a linear transformation
CO4: To find kernel and image spaces of a linear transformation.

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Python Programming
Semester : III

Course Outcomes: After passing the course the student will be able to:
CO 1: Understand formulation of algorithm and programs for problem solving.
CO 2: Gain understanding of various programming constructs like data types, operators, string processing and control structures.
CO 3: Have knowledge of object oriented programming paradigm
CO 4: Have understanding of file handling ,exception handling and SQLites database connectivity in python.

Paper of the Course : Bachelor of Science (Honours) Mathematics
Course Title : Environmental Studies
Semester : III
Course Outcomes After passing this course the student will be able to:
CO1: Demonstrate and Understand the ecological relationships between organisms and their environment.
CO2: Present an overview of diversity of life forms in an ecosystem.
CO3: Explain and identify the role of the organism in energy transfers.
CO4: Understand the Environmental Pollution and their management.
CO5: Understanding and awareness for wildlife conservation. CO6: Knowledge of conservation of threatened animal species.

- **B.Sc. Computer Science,Physics , Mathemtaics**

Programme Specific Outcomes (PSO)

PSO 1. Demonstrate proficiency in mathematics and the mathematical concepts needed for a proper understanding of physics and computers.
PSO 2. Solve mathematical problems by critical understanding, analysis and synthesis.
PSO 3. Demonstrate knowledge of mechanics, electromagnetism, quantum mechanics, optics & lasers, waves & vibrations, statistical physics, condensed matter physics, electronics, nuclear & particle physics and be able to apply this knowledge to analyse a variety of physical phenomena.
PSO 4. Demonstrate knowledge of various languages of Computer programming and apply this knowledge to interpret and analyse quantitative data.
PSO 5. Show that they have learned laboratory skills, enabling them to take measurements in a physics laboratory and analyse the measurements to draw valid conclusions.
PSO 6. Capable of oral and written scientific communication i.e. able to communicate effectively by oral, written, computing and graphical means.

Course Outcomes (COs)

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : Punjab History and Culture (From Earliest Times to C 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : I
Course Outcome : After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.
CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : ENGLISH (COMPULSORY)

Semester : I

Course Outcome : After passing this course, the students will be able to:

CO 1: appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu

CO 2: comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them

CO 3: understand fundamental grammatical rules governing tenses, the use of modal verbs and make correct usage in their language

CO 4: develop an understanding of translation of written text from Hindi/Punjabi to English

CO 5: independently write paragraphs on any given topic

Paper of the Course : Bachelor of Science (Computer Science)

Course Title : Mathematics (Algebra)

Semester : I

Course Outcome: After passing this course, the students will be able to:

CO 1: Distinguish between solution of cubic equations and Bi-quadratic equations.

CO 2: Classify real quadratic form in variables, definite, semi- definite and indefinite real quadratic form. CO 3: Understand the concept of matrix congruence of skew symmetric matrices and its reduction in real field.

CO 4: Solve system of linear equations and obtain Eigen values, Eigen vectors, minimal and characteristic equation of a matrix and to apply it in advanced dynamics and electric current.

CO 5: To find the relations between the roots and coefficients of general polynomial equation in one variable.

Paper of the Course : Bachelor of Science (Computer Science)

Course Title : Mathematics (Calculus and Trigonometry)**)**

Semester : I

Course Outcome: After passing this course, the students will be able to:

CO 1: Understand real number system, lub& glb of set of real numbers, limit of a function, basic properties of limit & to apply it in real world problem.

CO 2: Analyse continuous and discontinuous function, Apply concept of continuity in uniform continuity.

CO 3: Manage to solve problems related to successive differentiation, Leibnitz theorem, Taylor's & Maclaurin's theorem with various forms of remainders and to use these expansion to compute values of Sine, Cosine, tangent or log function.

CO 4: Understand the concept of De Moivre's theorem & its applications. Identify circular, hyperbolic function and their inverses and use these function to describe the shape of the curve formed by high voltage line suspended between two towers.

CO 5: Demonstrate exponential and logarithmic function of complex numbers, and to solve Gregory's series and summation of series.

Paper of the Course : Bachelor of Arts / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)

Course Title : COMPUTER SCIENCE (COMPUTER FUNDAMENTALS& PC SOFTWARE) Semester : I

Course Outcome: Course Outcomes: After passing this course the student will be able to:
CO1: have knowledge of Computer components - hardware and software.
CO2: use computer system for general tasks at user level, including operative systems and programming environments.
CO3: gain knowledge on office automation software and recognize when to use a particular office program to create professional and academic documents

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : PHYSICS MECHANICS (THEORY) Paper (A)
Semester : I
Course Outcome: After passing this course, students will be able to:
CO1: Understand the various coordinate systems and its applications. Students will be able to know the conservations laws and the symmetries of space & time.
CO2: Know the fundamental forces of nature, concept of centre mass, central forces and the motion of particle under central force and to determine the turning points of orbit.
CO3: Understand the frames of reference, coriolis force forces and its applications and effect of rotation of earth on g.
CO4: understand the elastic collision in different systems, cross section of elastic scattering as well as Rutherford scattering and know the motion of rigid body

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : PHYSICS ELECTRICITY AND MAGNETISM (THEORY)
Semester : I
Course Outcome: After passing this course the students will be able to:
CO1: understand the vector calculus and vector algebra and its applications in electricity and magnetism. The students will be able to solve the electrostatic problems with the help of Gauss law and Coulomb's law.
CO2: understand the applications of scalar potential for the calculation of electric field and electric potential due to an arbitrary charge distribution.
CO3: solve the problems with the help of method of images and understand the conduction of electric current and fundamental laws of electricity.
CO4: relate the electric and magnetic fields in two inertial frames of reference

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : PHYSICS PHYSICS PRACTICAL Physics Lab
Semester : I
Course Outcome:
CO1: Students will be able to find the value of acceleration due to gravity using pendulums.
CO2 : It will give understanding of collisions In 1-Dimension.
CO3: It helps to study the moment of inertia of a body & on what factors its depends

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : DRUG ABUSE
Semester : I
Course Outcome:
CO 1. This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body; CO 2. How to be supportive during the detoxification and rehabilitation process.
CO 3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
CO 4. Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : PUNJAB HISTORY AND CULTURE (FROM 1000-1605 A. D.) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : III
Course Outcome: After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab
CO 1: To able to construct original historical arguments using a blend of primary and secondary source material
CO 2: To be able to demonstrate the significance of historical topics with reference to broader historical context and their contemporary relevance
CO 3: Students will develop an ability to convey verbally their historical knowledge
CO 4: Students will develop skills in critical thinking and reading
CO 5: To discuss understand and evaluate causes and results of the conflict with Mughals

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : ENGLISH (COMPULSORY)
Semester : I
Course Outcome: After passing this course, the students will be able to:
CO1: develop an understanding of the poems taught, relate to the socio-cultural background of England and be able to answer questions regarding tone, style and central idea
CO2: comprehend the basics of grammatical rules governing relative clauses, adjectives, adverbs, conjunctions and prepositions
CO3: enhance their reading and analysing power of texts through guided reading
CO 4: enrich their vocabulary and use new words in their spoken and written language
CO 5: develop skills to write an essay on a given topic

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : Mathematics (Analysis)
Semester : III
Course Outcome: After passing this course, the students will be able to:
CO 1: Demonstrate an understanding of limits and how they are used in sequences and series.
CO 2: To understand the concepts of Riemann sum, partitions, upper and lower sums, Riemann integrability of continuous functions and of monotone functions.
CO 3: To know and describe the converging behavior of improper integrals and Beta , Gamma functions. CO 4: Distinguish between the absolute convergence and conditional convergence.
CO 5: To find the relation between Beta and Gamma functions

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : Mathematics (Analytical Geometry
Semester : III
Course Outcome: After passing this course **Mathematics (Analytical Geometry**, the students will be able to:
CO 1: Understand the concept of the geometry of lines and conics in the Euclidian plane.
CO 2: Develop geometry with a degree of confidence and will gain fluency in the basics of Euclidian geometry.
CO 3: Sketch conic sections; identify conic sections, their focal properties and classifications.
CO 4: Demonstrate the concept of parabola, ellipse, hyperbola, sphere and the general quadratic equation.
CO 5: Understand the concept of coordinate geometry on a wider scale with the help of shifting of origin and rotation of axis.

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : COMPUTER SCIENCE (COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS)
Semester : III
Course Outcome: Course Outcomes: After passing this course the student will be able to:
CO1: Understand numerical methods, nonlinear equations, interpolation methods and Simultaneous Solution of Equations.
CO2: Learn about Interpolation and Curve Fitting and Numerical differentiation.
CO3: Learn Correlation, Regression, Bivariate & Multivariate distribution and Interpretation of Trend Analysis.

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : PHY-Statistical Physics and Thermodynamics
Semester : III
Course Outcome: After passing this programme the students will be able to:
CO1: Understand the basic ideas and scope of probability as well as distribution of n particles in different compartments.

CO2: Concept of different types of Statistics and the need for Quantum Statistics.
CO3: Understand the concept of entropy, Laws of Thermodynamics and applications to thermoelectric effect.
CO4: Understand the Maxwell Thermodynamics relations, Change of state and Claypron equation.

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : PHY-OPTICS
Semester : III
Course Outcome: After passing this programme the students will be able to:
CO1: understand the concept of interference of waves by division of wave front and its different methods and concept of coherence.
CO2: understand the interference of waves by division of Amplitude and its methods and will have knowledge of interferometers
CO3: understand the Huygen's Fresnel theory and diffraction, Fraunhoffer diffraction due to single slit, double slit and n slits, the concept of resolving power.
CO4: understand the concept the polarization of light and types of polarisers.

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : PHYSICS (PRACTICAL)
Semester : III
Course Outcome: After passing this programme the students will be able to:
CO1: use spectrometer to determine the refractive index of different transparent materials wills dispersive power and resolving power of different transparent prisms and liquids using spectrometer. CO2: use diffraction grating and apply it to determine dispersive power, resolving power, the wavelengths of Hg source and the Cauchy's constants.
CO3: to measure an accessible (Horizontal and vertical) and inaccessible heights using sextant.
CO4: set up of Newton's rings to determine wavelength of sodium light. CO5: demonstrate the verification of laws of probability distribution.

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : Punjab History and Culture (From 1849-1947 A.D) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : V
Course Outcome: After completing the course student have understanding of Punjab in the pre-independence phase
CO 1:- Students will understand major changes in the Punjab during British Rule
CO 2:- They will also know about important agitations and their outcomes on the politics of the Punjab. CO 3:- They will gain knowledge about the society and economy of Punjab
CO 4:-They will be able to evaluate the socio-religious reforms movements of Punjabi society
CO 5:- They will have insights into the details of the partition of Punjab

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : ENGLISH (COMPULSORY)
Semester : V
Course Outcome : After passing this course, the students will be able to:
CO 1: widen their knowledge about various literary devices used in poetry such as tone, style, imagery, figures of speech, symbolism etc.
CO 2: develop power of imagination and appreciate the beauty, rhyme, and style of a poem
CO 3: analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed play
CO 4: develop an understanding of the insights, genres, conventions and experimentations associated with English Drama
CO 5: develop the knowledge, skills and capabilities for effective business writing such as letter writing and resume writing

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : Mathematics (Dynamics)
Semester : V
Course Outcome: After passing this course, the students will be able to:
CO 1: Identify the basic relations between distance, time, velocity and acceleration.
CO 2: Explain the relationship between forces and motion. Differentiate between balanced and unbalanced forces and Explain how unbalanced force affect motion.
CO 3: Understand Newton's Laws of Motion and Apply the laws to solve many problems.
CO 4: Discuss the motion of particles connected by a string, motion along a smooth inclined plane.
CO 5: Solve different types of problems with Variable Acceleration.
CO 6: Discuss Simple Harmonic Motion and Illustrate it with a variety of examples.
CO 7: Solve Pendulum, Damped and forced Oscillations oscillating system problems.
CO 8: Define Work, Power and Energy and Explain their relationship. Use measurement tools to apply the concepts of Work and power to solve real life problems.
CO 9: Define Energy and Identify the different types that exist

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : Mathematics (Number Theory)
Semester : V
Course Outcome: Successful completion of this course will enable the students to:
CO 1: Prove results involving divisibility and greatest common divisors.
CO 2: Solve system of linear congruences.
CO 3: Find solutions of specified linear Diophantine equation.
CO 4: Apply Fermat's and Euler's theorem to prove relation involving prime numbers.
CO 5: Apply the Wilson's theorem to solve numerical problems.
CO 6: Solve system of equations using congruences. CO 7: Understand and apply properties of phi functions in real world problems.
CO 8: Understand application of important arithmetic functions.

Paper of the Course : Bachelor of Science (Computer Science)
Course Title : COMPUTER SCIENCE (DATA BASE MANAGEMENT SYSTEM & ORACLE)
Semester : V
Course Outcome After passing course the student will be able to:
CO1: Understand data, database and database models.
CO2: Gain knowledge of normalization and transaction control.
CO3: Gain knowledge of core database language-SQL.
CO4: Have a basic understanding of concepts of PL/SQL.

Paper of the Course : Bachelor of Science (Semester System) (12+3 System of Education)
Course Title : PHYSICS (CONDENSED MATTER PHYSICS) (THEORY)
Semester : V
Course Outcome : After passing this course, students will be able to:
CO 1. Understand basics about crystal structures in solids, various types of crystal structure, unit cells and symmetry operations.
CO 2. Understand the experimental methods to determine crystal structures, reciprocal lattice, Brillioun zones and form factor.
CO 3. Understand the concept of lattice vibrations and role of phonons in determining specific heat of solids at low temperatures and models of specific heat.
CO 4. Build concept from free electron model to Kronig Penny model and its application to band theory to differentiate insulators, semiconductors and conductors.

Paper of the Course : Bachelor of Science (Semester System) (12+3 System of Education)
Title : PHYSICS (NUCLEAR PHYSICS) (THEORY)
Semester : V
Course Outcome : After passing this course, students will be able to:
CO 1. Understand basic properties of nucleus and nuclear forces.
CO 2. Understand about radioactivity, theories of alpha, beta and gamma decay, neutrino hypothesis. CO 3.Understand concepts and types about nuclear reactions, reactions cross section and compound nucleus.
CO 4. Understand nuclear models (Liquid drop and Shell model) and their failures and successes.

Paper of the Course : Bachelor of Science (Semester System) (12+3 System of Education)
Course Title : PHYSICS PRACTICAL(Physics Lab)
Semester : V
Course Outcomes :
CO 1. Students will be able to characterize p-n junction, zener diode, LED and LDR.
CO 2. Student will be able to use CRO for AC, DC, voltages and frequencies.
CO 3. Student will be able to understand the use of GM counter.

B.SC HOME SCIENCE

Programme Specific Outcomes (PSO)

PSO (1) - To develop holistic understanding about various fields of Home Science including Family Resource Management, Foods and Nutrition, Human Development and Family Relations, Clothing and Textiles

PSO (2) - To understand the fundamentals of house planning, kitchens, laws and terminology used in building of house, kitchen equipments and their applications.

PSO (3) - To develop understanding about developmental stages from infancy to old age and insight into different areas of human development including physical, motor, cognitive, social and emotional development.

PSO (4) - To gain knowledge about different diseases, therapeutic nutrition, food preservation and safety, role of dietician in feeding of patients.

PSO (5) - To develop deep understanding of conversion of textiles fibres into fabric undergoing various spinning, weaving, and finishing techniques.

PSO (6) – To demonstrate skill in using various surface ornamentation techniques as such as dyeing , printing and embroidery as well as garment design and construction.

PSO (7) – To develop Capacity to serve as dietician , child and family counsellors, designers, food therapies, and in many more community services. PSO (8) – To make the students capable of oral and written communication.

Course Outcomes (COs)

Paper of the Course : Bachelor of Science (Home Science)
Course Title : COMMUNICATION SKILLS IN ENGLISH (Theory)
Semester : I

COURSE OUTCOMES: At the end of this course, the students will develop the following Skills:

CO 1: Reading skills that will facilitate them to become an efficient reader

CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well CO 3: The power to analyse, interpret and infer the ideas in the text

CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking

CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English

CO 6: Ability to plan, organise and present ideas coherently on a given topic

CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Paper of the Course : Bachelor of Science (Home Science)
Course Title : INTRODUCTION TO HUMAN DEVELOPMENT (Theory)
Semester : I
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO (1) – To develop knowledge about the history and scope of human development.
CO (2) – To gain understanding about the principles of development.
CO (3) – To understand the factors affecting growth and development, learning and maturation.
CO (4) – To understand the importance of fertilization.
CO (5) – To gain knowledge about the symptoms, care and complication of pregnancy.
CO (6) – To identify the factors affecting prenatal development.
CO (7) - To gain knowledge about the care of new born.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : Hygiene
Semester : I
COURSE OUTCOMES :
CO (1) – To develop the knowledge about health hygiene, personal hygiene and immunity with its type.
CO (2) – To understand the knowledge about disease caused by Typhoid, Jaundice, Cholera, Diarrhoea, Measles and mumps.
CO (3) – To understand the knowledge about disease caused by vectors malaria, dengue, modes of spread, incubation periods with its symptoms and prevention.
CO (4) – To develop the knowledge about disuse caused by sexual contact HIV-AIDS and Eczema.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : BASIC FOOD & NUTRITION
Semester : I
COURSE OUTCOMES :
CO (1) – To develop the knowledge about introduction to nutrition and storage methods of cereals, pulses, eggs, poultry, vegetables and fruit.
CO (2) – To distinguish between the different types of cooking methods- dry heat, moist heat, frying and microwave cooking.
CO (3) – to understand the knowledge about classification, functions and food sources, requirement, deficiencies of carbohydrates.
CO (4) – To develop the knowledge about classification. Food sources, functions and deficiencies of proteins, fats and oils.
CO (5) – To understand the knowledge about energy, food as a source of energy, the body need of energy

Paper of the Course : Bachelor of Science (Home Science)
Course Title : BASIC FOOD & NUTRITION (Practical)
Semester : I

COURSE OUTCOMES:

CO (1) – To identify the different food stuff, weight and measures and cooking.

CO (2) – To distinguish between different types of cooking methods.

CO (3) – To develop the knowledge about cleaning of kitchen equipments, utensils, floor and cupboard

Paper of the Course : Bachelor of Science (Home Science)
Course Title : APPLIED ART (Theory)
Semester : I

COURSE OUTCOMES:

CO (1) - To understand the importance of art, its tools and techniques.

CO (2) - To gain knowledge about the types of elements of art- line, form, texture.

CO (3) – To understand the characteristics of colours.

CO (4) – To gain knowledge about the principles of design.

CO (5) - To identify the objectives of art , beauty, functionalism and expressiveness.

CO (6) – To gain knowledge about the materials

Paper of the Course : Bachelor of Science (Home Science)
Course Title : APPLIED ART COURSE(Practical)
Semester : I

COURSE OUTCOMES :

CO (1) - To enable them to draw rangoli designs for different occasions – Diwali, Exhibition Hall, Child's birthday.

CO (2) – To gain knowledge about different colour schemes and use them in design.

CO (3) – To enable them to make articles of fabric painting, glass painting, greeting card.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : COMPUTER BASICS (Theory)
Semester : I

COURSE OUTCOMES: After passing this course the students will be able to:

CO1: understand the basics knowledge of Computer and its uses.

CO2: find and evaluate information on the Web effectively.

CO3: learn the basics of e-mail, such as sending, forwarding and receiving mail, attaching documents, creating mailboxes, filters, and address books.

CO4: learn basic word processing skills such as text input formatting, editing, cut, copy, paste, spell check, margin, tab controls, keyboard shortcuts, printing, clipart, charts etc.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : DEVELOPMENTAL STAGES UPTO CHILDHOOD (Theory)
Semester : III

COURSE OUTCOMES :

CO (1): To Understand developmental tasks from infancy to childhood
CO (2): To understand developmental stages from infancy to childhood
CO (3): To get insight into the different areas of development across the life span i.e. physical, motor, cognitive, language, social & emotional.
CO (4): To discuss the factors affecting development till childhood.
CO (5): To get insight into the concept of early childhood care and education.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : BASIC CONCEPTS OF ECONOMICS
Semester : III
COURSE OUTCOMES: After passing this course students will be able to:
CO1: To understand some basic economic concepts
CO2: To understand the basic concepts of banking & different saving schemes
CO3: To give guidance regarding credit facilities.
CO4:To understand basic structure of markets in the economy

Paper of the Course : Bachelor of Science (Home Science)
Course Title : BASIC PHYSICS (Theory)
Semester : III
COURSE OUTCOMES : After Completing this course the students will be able **to**
CO1: to understand the role of physics in working various household devices
CO2: to understand the natural phenomenon in our life

Paper of the Course : Bachelor of Science (Home Science)
Course Title : Basic Chemistry
Semester : III
COURSE OUTCOMES : Students will be able to:
CO1: understand various formulae and symbols used in chemistry.
CO1: understand the atomic structure.
CO2: acquire knowledge about various atomic models.
CO3: understand the concept of normality, molarity, molality and strength of solution

Paper of the Course : Bachelor of Science (Home Science)
Course Title : HOUSING (Theory)
Semester : III
COURSE OUTCOMES :
CO (1): To Understand house related concept.
CO (2): To discuss the selection and principles of house planning.
CO (3): To get insight into the building material used in construction of house. CO (4): To discuss different housing financing agencies.

CO (5): To get insight into the concept of building by laws used for house construction and terminologies used in house construction

Paper of the Course : Bachelor of Science (Home Science)
Course Title : HOUSING (Practical)
Semester : III
COURSE OUTCOMES :
CO 1: To introduce house planning: symbols and terms.
CO 2: To draw different types of floor plans.
CO 3: To draw different type of house plans according to principles of planning.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : MEAL MANAGEMENT (Theory)
Semester : III
COURSE OUTCOMES :
CO (1): To understand the concept of recommended dietary allowances, food groups, exchange list and balanced diet.
CO (2): To discuss principal of meal planning and nutritional requirements of men and women with different conditions
CO (3): To get the insight of the concept growth and development of preschooler, school going children and adolescent boys and girls.
CO (4): To understand the nutritional requirement during infancy.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : MEAL MANAGEMENT (Practical)
Semester : III
COURSE OUTCOMES :
CO (1): To understand the concept of Standardize Proportion Size.
CO (2): To discuss meal planning and nutritional requirements of men and women with different conditions
CO (3): To get the insight of the concept growth and development of preschooler, school going children and adolescent boys and girls.
CO (4): To understand the nutritional requirement during infancy with their Calculations

Paper of the Course : Bachelor of Science (Home Science)
Course Title : TEXTILE SCIENCE (Theory)
Semester : III

COURSE OUTCOMES :
CO (1). To get the concept of textile fibres and their classification and their properties.

CO (2). To discuss about origin, production and properties of different fibres.
CO (3). To get the insight of concept yarn and its classification.
CO (4). To understand different fabric construction techniques and their method.
CO (5) .To discuss different bleaches, finishes, dyeing and printing.
CO (6).To get the insight of concept laundering and care of textile fabrics.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : TEXTILE SCIENCE (Practical)
Semester : III
COURSE OUTCOMES :
CO 1: To make the students familiar with Faber Identification wrt- Physical, burning, microscopic test. CO 2 : To experiment with surface ornamentation techniques such as tie & dye , Block , screen and Stencil Printing
CO 3: To learn basic stain removal techniques used in daily life.
CO 4: To learn about informative labels on garments.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : Child Psychology (Theory)
Semester : V
COURSE OUTCOMES :
CO1. To introduce the concept of psychology and Child psychology.
CO2. To study the development of aspects such as attention, memory and learning.
CO3. To study the development phases in childhood with respect to these aspects.
CO4. To link the study of development with the discipline of psychology in accordance to different theories.
CO5. To provide systematic knowledge of the foundation of human behaviour.

Paper of the Course : Bachelor of Science (Home Science)
Course Title : Introduction to Extension Education and Community Development (Theory))
Semester : V
COURSE OUTCOMES :
CO 1 To understand about the concept of education and its different forms.
CO 2 To gain the knowledge about extension services provided by agricultural universities.
CO 3 To make the students familiar about roles of extension and home science education in rural development.
CO 4 To get the concept of motivation and techniques to motivate village people and extension workers. CO 5 To learn the concept of community development.
CO 6 To gain the knowledge about different rural development programs.
CO 7 To get the insight into Panchayati Raj System and its functions.

Paper of the Course : Bachelor of Science (Home Science)

Course Title : **Interior space Designing (Theory)**
Semester : **V**
COURSE OUTCOMES :
CO1. To study the objectives and importance of Home Interior Designing.
CO2. To study and orient the students towards present and future trends in furnishing material, flooring and curtains etc.
CO3. To plan furniture and color schemes for different rooms, age groups and gender.
CO4. To build the ability to apply various elements and principles of design in interiors

Paper of the Course : **Bachelor of Science (Home Science)**
Course Title : **Interior space Designing (Practical)**
Semester : **V**
COURSE OUTCOMES :
CO1.To acquaint the students with standard measurements of furniture.
CO2. To enable them to make templates of different furniture items.
CO3. To plan and execute various color schemes.
CO4 To develop color scheme samples of drawing room, bedroom, children room etc.
CO5. To study and collect various furnishing material and

Paper of the Course : **Bachelor of Science (Home Science)**
Course Title : **Therapeutic Nutrition (Theory)**
Semester : **V**
COURSE OUTCOMES :
CO1.To gain insight into objectives and concept of therapeutic diet.
CO2.To develop adaptations of normal diets into therapeutic diets.
CO 3. To understand the concept of therapeutic nutrition in different diseases infections and fevers.
CO 4. To gain knowledge of dietary modifications and management techniques

Paper of the Course : **Bachelor of Science (Home Science)**
Course Title : **Therapeutic Nutrition (Practical)**
Semester : **V**
COURSE OUTCOMES :
CO1. To develop therapeutic diets according to special requirements of nutrients.
CO2.To calculate the nutritive value of diets.
CO3. To study the nutritive value of diets given in different diseases.
CO4.To develop entrepreneurship skills in students.
CO5.To encourage the students to set up a diet clinic.

Paper of the Course : **Bachelor of Science (Home Science)**

Course Title : **Basic concepts of sewing and fashion (Theory)**
Semester : **V**
COURSE OUTCOMES :
CO1. To impart knowledge about sewing, it's equipment's and supplies.
CO2.To develop an understanding of basic sewing techniques.
CO3.To study various concepts of fashion, theories and terminology.
CO4.To study the cycle of fashion and importance to consumer.
CO5. To develop an understanding of fashion merchandising and its process

Paper of the Course : **Bachelor of Science (Home Science)**
Course Title : **APPLIED BOTANY AND HOME GARDENING (Theory)**
Semester : **V**
COURSE OUTCOMES : After passing this course the course the student will be able to:
CO:1 Identify different plants.
CO:2 Learn art of home gardening.
CO:3 Understand the art of soil preparation for gardening.
CO:4 Understand different means of plant

Paper of the Course : **Bachelor of Science (Home Science)**
Course Title : **APPLIED BOTANY AND HOME GARDENING (Practical)**
Semester : **V**
COURSE OUTCOMES :
After passing this course the course the student will be able to:
CO:1 Identify different tools to be used in soil preparation.
CO:2 Understand the use of different plant parts for plant propagation.
CO:3 Maintain different plants in the garden. CO:4 Identify ornamental plants.

- # B.Sc. Non-Medical (Semester I, III, V)

PSO1. demonstrate proficiency in mathematics and the mathematical concepts needed for a proper understanding of physics and chemistry.

PSO2: solve complex mathematical problems by critical understanding, analysis and synthesis.Student will also be able to provide a systematic understanding of the concepts and theories of mathematics and there application in the real world – to an advanced level, and enhance career prospects in a huge array of fields or suitable to succeed at an entry-level position in mathematics post graduate programme.

PSO3:demonstrate knowledge of mechanics, electromagnetism, quantum mechanics, optics & lasers, waves & vibrations, statistical physics, condensed matter physics, electronics, nuclear & particle physics and be able to apply this knowledge to analyse a variety of physical phenomena.

PSO4: demonstrate knowledge of organic, inorganic and physical chemistry and apply this knowledge toanalyse a variety of chemical phenomena and will be able to interpret and analyse quantitative data.

PSO5: understand theoretical concepts of instruments that are commonly used in most physics and chemistry fields as well as interpret and use data generated in instrumental physical and chemical analyses.

PSO6: show that they have learned laboratory skills, enabling them to take measurements in a physics laboratory and analyse the measurements to draw valid conclusions. They will also be able to employ critical thinking and scientific inquiry in the performance, design, interpretation and documentation of laboratory experiments, at a level suitable to succeed at an entry-level position in industry or a physics/chemistry postgraduate program.

PSO7: capable of oral and written scientific communication i.e. able to communicate effectively by oral, written, computing and graphical means

Course Outcomes (COs)

Paper of the Course : BACHELOR OF SCIENCE (COMPUTER SCIENCE)/ BACHELOR OF SCIENCE (ECONOMICS)/ BACHELOR OF COMMERCE/ BACHELOR OF BUSINESS ADMINISTRATION

Course Title : Punjab History and Culture (From Earliest Times to C 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester : I

COURSE OUTCOMES :

After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of the Course : BACHELOR OF SCIENCE (COMPUTER SCIENCE)/ BACHELOR OF SCIENCE (ECONOMICS)/ BACHELOR OF COMMERCE/ BACHELOR OF BUSINESS ADMINISTRATION
Course Title : ENGLISH (COMPULSORY)
Semester : I
COURSE OUTCOMES : After passing this course, the students will be able to:
CO 1: appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu
CO 2: comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them
CO 3: understand fundamental grammatical rules governing tenses, the use of modal verbs and make correct usage in their language
CO 4: develop an understanding of translation of written text from Hindi/Punjabi to English
CO 5: independently write paragraphs on any given topic

Paper of the Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)
Course Title : Mathematics (Algebra)
Semester : I
COURSE OUTCOMES : After passing this course, the students will be able to:
CO 1: Distinguish between solution of cubic equations and Bi-quadratic equations.
CO 2: Classify real quadratic form in variables, definite, semi- definite and indefinite real quadratic form. CO 3: Understand the concept of matrix congruence of skew symmetric matrices and its reduction in real field.
CO 4: Solve system of linear equations and obtain Eigen values, Eigen vectors, minimal and characteristic equation of a matrix and to apply it in advanced dynamics and electric current.
CO 5: To find the relations between the roots and coefficients of general polynomial equation in one variable.

Paper of the Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)
Course Title : Mathematics (Calculus and Trigonometry)
Semester : I
COURSE OUTCOMES : After passing this course, the students will be able to:
CO 1: Understand real number system, lub& glb of set of real numbers, limit of a function, basic properties of limit & to apply it in real world problem.
CO 2: Analyse continuous and discontinuous function, Apply concept of continuity in uniform continuity. CO 3: Manage to solve problems related to successive differentiation, Leibnitz theorem, Taylor's & Maclaurin's theorem with various forms of remainders and to use these expansion to compute values of Sine, Cosine, tangent or log function.

CO 4: Understand the concept of De Moivre's theorem & its applications. Identify circular, hyperbolic function and their inverses and use these function to describe the shape of the curve formed by high voltage line suspended between two towers.
CO 5: Demonstrate exponential and logarithmic function of complex numbers, and to solve Gregory's series and summation of series.

Paper of the Course : Bachelor of Science (Med & Non-Medical) BSMM/BSNM-1084(I)
Course Title : INORGANIC CHEMISTRY–I (THEORY)
Semester : I
COURSE OUTCOMES : Students will be able to:
CO1: predict electronic properties of atoms using current models and theories in chemistry.
CO2: explains de-Broglie's dual behaviour of matter and Heisenberg's uncertainty principle and solve numerical problems
CO3: explain the significance of quantum numbers
CO4: sketch the probability density curves, boundary surface diagrams and shapes of s, p ,d and f orbitals and write the electronic configuration of atoms. CO5: identify the periodic trends in physical and chemical properties of elements.
CO6: describe VSEPR theory and predicts the geometry of simple molecules.
CO7: explain the valence bond approach for the formation of covalent bonds and the different types of hybridization involving s, p and d orbitals of simple covalent molecules.
CO8: describe the molecular orbital theory of homonuclear diatomic molecules.
CO9: explain the structures simple compounds.
CO10: differentiate the types of van der Waals forces such as London forces, dipole – dipole interactions and dipole - induced dipole interactions and explain the concept of hydrogen bonding

Paper of the Course : Bachelor of Science (Med & Non-Medical) BSMM/BSNM-1084(II)
Course Title : ORGANIC CHEMISTRY–II (THEORY)
Semester : I
COURSE OUTCOMES : Students will be able to:
CO1: explain the bonding between different organic compounds
CO2: explain the various reaction mechanisms and different electron displacement effects
CO3: explain the various methods of formation and chemical reactions of alkanes, alkenes and alkynes CO4: compare the reactivities of various alkyl and aryl halide
CO5: differentiate between aromatic, anti aromatic and non-aromatic compounds
CO6: compare the stability of various cycloalkanes
CO7: explain the effect of various substituents on the reactivity of aromatic compounds

Paper of the Course : Bachelor of Science (Med & Non-Medical) BSMM/BSNM-1084(P)
Course Title : CHEMISTRY PRACTICAL
Semester : I
COURSE OUTCOMES : Students will be able to
CO1: separate and identify the various ions present in the mixture
CO2: accurately note down the melting and boiling point of organic compounds

Paper of the Course : B.Sc. (Non Medical) BCSM-1395 (I) for B.Sc. (Computer Science)
Course Title : PHYSICS MECHANICS (THEORY) Paper (A)
Semester : I
COURSE OUTCOMES : After passing this course, students will be able to:
CO1: Understand the various coordinate systems and its applications. Students will be able to know the conservations laws and the symmetries of space & time.
CO2: Know the fundamental forces of nature, concept of centre mass, central forces and the motion of particle under central force and to determine the turning points of orbit.
CO3: Understand the frames of reference, coriolis force forces and its applications and effect of rotation of earth on g.
CO4: understand the elastic collision in different systems, cross section of elastic scattering as well as Rutherford scattering and know the motion of rigid body.

Paper of the Course : B.Sc. (Non Medical) BSNM-1395 (II) & B.Sc. (Computer Science) BCSM-1395 (II)
Course Title : PHYSICS ELECTRICITY AND MAGNETISM (THEORY)
Semester : I
COURSE OUTCOMES : After passing this course the students will be able to:
CO1: understand the vector calculus and vector algebra and its applications in electricity and magnetism. The students will be able to solve the electrostatic problems with the help of Gauss law and Coulomb's law.
CO2: understand the applications of scalar potential for the calculation of electric field and electric potential due to an arbitrary charge distribution.
CO3: solve the problems with the help of method of images and understand the conduction of electric current and fundamental laws of electricity.
CO4: relate the electric and magnetic fields in two inertial frames of reference.

Paper of the Course : B.Sc. (Non Medical) BCSM-1395 (P) for B.Sc. (Computer Science) BSNM-1395 (P)
Course Title : PHYSICS PHYSICS PRACTICAL
Semester : I
COURSE OUTCOMES :
CO1: Students will be able to find the value of acceleration due to gravity using pendulums.
CO2 : It will give understanding of collisions In 1-Dimension.
CO3: It helps to study the moment of inertia of a body & on what factors its depends.

Paper of the Course : B.Sc. (Non Medical)& (Computer Science) AECD-1161
Course Title : DRUG ABUSE: Problem, Management and Prevention (COMPULSARY PAPER) PROBLEM OF DRUG ABUSE
Semester : I
COURSE OUTCOMES :

CO1. This information can include factual data about what substance abuse is: warning signs of addiction;information about how alcohol and specific drugs affect the mind and body.

• CO2. How to be supportive during the detoxification and rehabilitation process.

• CO3. Main focus of substance abuse education is teaching individuals about drugand alcohal abuse and how to avoid,stop and get help for substance use disorder.

• CO4. Substance abuse education is important for students alike;there aremany misconceptions about commonly used legal and illegal substance,such as alcohal,marijuana etc

Paper of the Course : BARL-3431/BSML-3431/BSNL-3431/BCSL-3431/BECL-3431BCRL3431/BBRL-3431

Course Title : PUNJAB HISTORY AND CULTURE (FROM 1000-1605 A. D.) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester : III

COURSE OUTCOMES : After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab

CO 1: To able to construct original historical arguments using a blend of primary and secondary source material

CO 2: To be able to demonstrate the significance of historical topics with reference to broader historical context and their contemporary relevance

CO 3: Students will develop an ability to convey verbally their historical knowledge

CO 4: Students will develop skills in critical thinking and reading

CO 5: To discuss understand and evaluate causes and results of the conflict with Mughals

Paper of the Course : BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-3212

Course Title : ENGLISH (COMPULSORY)

Semester : III

COURSE OUTCOMES : After passing this course, the students will be able to:

CO 1: develop an understanding of the poems taught, relate to the socio-cultural background of England and be able to answer questions regarding tone, style and central idea

CO 2: comprehend the basics of grammatical rules governing relative clauses, adjectives, adverbs, conjunctions and prepositions

CO 3: enhance their reading and analysing power of texts through guided reading

CO 4: enrich their vocabulary and use new words in their spoken and written language

CO 5: develop skills to write an essay on a given topic

Paper of the Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science) BARM/ BECM/ BCSM/ BSNM-3333(I)

Course Title : Mathematics (Analysis)

Semester : III

COURSE OUTCOMES : After passing this course, the students will be able to:

CO 1: Demonstrate an understanding of limits and how they are used in sequences and series.

CO 2: To understand the concepts of Riemann sum, partitions, upper and lower sums, Riemann integrability of continuous functions and of monotone functions.
CO 3: To know and describe the converging behavior of improper integrals and Beta , Gamma functions. CO 4: Distinguish between the absolute convergence and conditional convergence.
CO 5: To find the relation between Beta and Gamma functions

Paper of the Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science) BARM/ BECM/ BCSM/ BSNM-3333(II)
Course Title : Mathematics (Analytical Geometry)
Semester : III
COURSE OUTCOMES : After passing this course, the students will be able to:
CO 1: Understand the concept of the geometry of lines and conics in the Euclidian plane.
CO 2: Develop geometry with a degree of confidence and will gain fluency in the basics of Euclidian geometry.
CO 3: Sketch conic sections; identify conic sections, their focal properties and classifications.
CO 4: Demonstrate the concept of parabola, ellipse, hyperbola, sphere and the general quadratic equation.
CO 5: Understand the concept of coordinate geometry on a wider scale with the help of shifting of origin and rotation of axis.

Paper of the Course : Bachelor of Computer Science) BCSM-3395 (I)
Course Title : PHY-Statistical Physics and Thermodynamics
Semester : III
COURSE OUTCOMES : After passing this programme the students will be able to:
CO1: Understand the basic ideas and scope of probability as well as distribution of n particles in different compartments.
CO2: Concept of different types of Statistics and the need for Quantum Statistics.
CO3: Understand the concept of entropy, Laws of Thermodynamics and applications to thermoelectric effect.
CO4: Understand the Maxwell Thermodynamics relations, Change of state and Claypron equation.

Paper of the Course : Bachelor of Computer Science) BCSM-3395 (II)
Course Title : PHY-OPTICS
Semester : III
COURSE OUTCOMES : After passing this programme the students will be able to:
CO1: understand the concept of interference of waves by division of wave front and its different methods and concept of coherence.
CO2: understand the interference of waves by division of Amplitude and its methods and will have knowledge of interferometers
CO3: understand the Huygen's Fresnel theory and diffraction, Fraunhoffer diffraction due to single slit, double slit and n slits, the concept of resolving power.
CO4: understand the concept the polarization of light and types of polarisers

Paper of the Course : Bachelor of Computer Science) BCSM-3395 (P)
Course Title : PHYSICS (PRACTICAL)
Semester : III

COURSE OUTCOMES :After passing this programme the students will be able to:

CO1: use spectrometer to determine the refractive index of different transparent materials wills dispersive power and resolving power of different transparent prisms and liquids using spectrometer. CO2: use diffraction grating and apply it to determine dispersive power, resolving power, the wavelengths of Hg source and the Cauchy's constants.

CO3: to measure an accessible (Horizontal and vertical) and inaccessible heights using sextant.

CO4: set up of Newton's rings to determine wavelength of sodium light.

CO5: demonstrate the verification of laws of probability distribution.

Paper of the Course : Bachelor of Science (Med & Non-Medical) BSMM/BSNM-3084
Course Title : ORGANIC CHEMISTRY–I (THEORY)
Semester : III

COURSE OUTCOMES : Students will be able to

CO1: to resolve the different enantiomers and differentiate between dextrorotatory and leavorotatory compounds

CO2: understand the concept of isomerism

CO3: differentiate between chiral and achiral compounds, configuration and conformation

CO4: understand the concept of axial and equatorial bonds and draw the various projection formulae CO5: understand the methods of formation, chemical reactions, acidic character of alcohols

CO6: understand structure and bonding, preparation of phenols, acidic character of phenols

CO7: understand structure and bonding in phenols and carbonyl compounds

CO8: compare reactivity of aliphatic and aromatic aldehydes and ketones

CO9: understand the various reactions given by carbonyl compounds

Paper of the Course : Bachelor of Science (Med & Non-Medical) BSMM/BSNM-3084
Course Title : PHYSICALCHEMISTRY–II (THEORY)
Semester : III

COURSE OUTCOMES: Students will be able to

CO1: understand and evaluate thermodynamic property of any system and its applications to various systems.

CO2: acquire the knowledge of phase equilibria of various systems.

CO3: understand completely miscible, partially miscible and immiscible liquids.

CO4: understand concept of spontaneity of a reaction in terms of free energy change.

CO5: demonstrate Vant' Hoff equation and relationship between equilibrium constants.

CO6: demonstrate Clausius-Clapeyron equation.

Paper of the Course : Bachelor of Science (Med & Non-Medical) BSMM/BSNM-3084 (P)
Course Title : PHYSICALCHEMISTRY–II (PRACTICAL)
Semester : III

COURSE OUTCOME: Students will be able to

CO1: understand and master the technique of volumetric analysis

CO2: to understand and analyze an acidic & alkali content in different samples.

CO3: to understand and analyze the calcium content in various samples permanganometrically

CO4: to understand the concept of hardness of water and its analysis by EDTA method

CO5: understand and master the technique of gravimetric analysis

CO6: to understand the concept of TLC and its applications

Paper of the Course : B.Sc. (Medical, Non Medical, Computer Science, HomeScience, IT, BioTechnology) /B.Sc (Hons.)Agriculture) / B.Com. / BBA/BCA/B.Com (Hons.)/B.Sc. (Hons.) Mathematics

Course Title : (COMPULSORY PAPER) CHEMISTRY–II (THEORY)

Semester : III

COURSE OUTCOMES :After passing this course the student will be able to:

- ➢ CO1 Demonstrate and Understand the ecological relationships between organisms and their environment.
- ➢ CO2 Present an overview of diversity of life forms in an ecosystem.
- ➢ CO3 Explain and identify the role of the organism in energy transfers.
- ➢ CO4 Understand the Environmental Pollution and their management.
- ➢ CO5:Understanding and awareness for wildlife conservation.
- ➢ CO7 Knowledge of conservation of threatened animal species

Paper of the Course : BARL-5431/ BSML-5431/ BSNL-5431/ BCSL-5431/ BECL-5431/ BCRL-5431/ BBRL-5431

Course Title : Punjab History and Culture (From 1849-1947 A.D) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester : V

COURSE OUTCOMES : After completing the course student have understanding of Punjab in the pre-independence phase

CO 1:- Students will understand major changes in the Punjab during British Rule

CO 2:- They will also know about important agitations and their outcomes on the politics of the Punjab.

CO 3:- They will gain knowledge about the society and economy of Punjab

CO 4:-They will be able to evaluate the socio-religious reforms movements of Punjabi society

CO 5:- They will have insights into the details of the partition of Punjab

Paper of the Course : BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-5212

Course Title : ENGLISH (COMPULSORY)

Semester : V

COURSE OUTCOMES : After passing this course, the students will be able to:

CO 1: widen their knowledge about various literary devices used in poetry such as tone, style, imagery, figures of speech, symbolism etc.

CO 2: develop power of imagination and appreciate the beauty, rhyme, and style of a poem

CO 3: analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed play
CO 4: develop an understanding of the insights, genres, conventions and experimentations associated with English Drama
CO 5: develop the knowledge, skills and capabilities for effective business writing such as letter writing and resume writing

Paper of the Course : BARM /BECM / BCSM/ BSNM-5333(I)
Course Title : Mathematics (Dynamics)
Semester : V
COURSE OUTCOMES : After passing this course, the students will be able to:
CO 1: Identify the basic relations between distance, time, velocity and acceleration.
CO 2: Explain the relationship between forces and motion. Differentiate between balanced and unbalanced forces and Explain how unbalanced force affect motion.
CO 3: Understand Newton's Laws of Motion and Apply the laws to solve many problems.
CO 4: Discuss the motion of particles connected by a string, motion along a smooth inclined plane.
CO 5: Solve different types of problems with Variable Acceleration.
CO 6: Discuss Simple Harmonic Motion and Illustrate it with a variety of examples.
CO 7: Solve Pendulum, Damped and forced Oscillations oscillating system problems.
CO 8: Define Work, Power and Energy and Explain their relationship. Use measurement tools to apply the concepts of Work and power to solve real life problems.
CO 9: Define Energy and Identify the different types that exist

Paper of the Course : BARM/ BECM/ BCSM/ BSNM-5333(II)
Course Title : Mathematics (Number Theory)
Semester : V
COURSE OUTCOMES : Course Outcomes Successful completion of this course will enable the students to:
CO 1: Prove results involving divisibility and greatest common divisors.
CO 2: Solve system of linear congruences.
CO 3: Find solutions of specified linear Diophantine equation.
CO 4: Apply Fermat's and Euler's theorem to prove relation involving prime numbers.
CO 5: Apply the Wilson's theorem to solve numerical problems.
CO 6: Solve system of equations using congruences.
CO 7: Understand and apply properties of phi functions in real world problems.
CO 8: Understand application of important arithmetic functions.

Paper of the Course : Bachelor of Science (Medical & Non-Medical) BSMM/BSNM-5084
Course Title : INORGANIC CHEMISTRY–I (THEORY)
Semester : V
COURSE OUTCOMES : Course outcomes Students will be able to:
CO1: understand structure and bonding in molecules / ions and predict the structure of molecules / ions. CO2: use Crystal Field Theory to understand the structure, hybridisation, geometry and predict the colour of the complexes.

CO3: describe the stability of metal complexes by the use of formation constants and to calculate thermodynamic parameters from them.
CO4: to describe the magnetic properties of coordination compounds.
CO5: familiar with applications of coordination compound.
CO6: to draw Orgel diagrams for d1 to d10 systems and predict the possible transitions.
CO7: to calculate number of microstate and ground state term symbols.
CO8: understand preparations, properties and applications of alkyls aryls of lithium and aluminium, bonding in metal-ethylenic complexes, mechanism of homogeneous hydrogenation.

Paper of the Course : Bachelor of Science (Medical & Non-Medical) BSMM/BSNM-5084
Course Title : PHYSICAL CHEMISTRY–II (THEORY)
Semester : V
COURSE OUTCOMES : Students will be able to:
CO1: get knowledge about various electrochemical phenomena.
CO2: get the theoretical knowledge of the various spectroscopic methods on the basis of the examples from the science and industry.
CO3: use spectroscopic equipment such as MS, IR, NMR spectrometers.
CO4: identify organic compounds by analysis and interpretation of spectral data.
CO5: explain common terms in NMR spectroscopy such as chemical shift, coupling constant, and anisotropy and describe how they are affected by molecular structure.
CO6: identify and define various types of nuclear transmutation including fission, fusion and decay reactions.
CO7: define binding energy and mass defect and be able to calculate each for a given nucleus.
CO8: understand and explain the concept of ionizing radiation and distinguish between the three different types of radiation.
CO9: understand the concept of rate of change and half-life in the context of nuclear decay.
CO10: understand the basics of nuclear chemistry applications.
CO11: identify an oxidation – reduction (redox) reaction based on changes in oxidation numbers across the chemical change.
CO12: recognize degrees of reactivity based on an activity series table or a standard reduction potential table.
CO13: describe fully the relationship between the free energy and the cell potential.
CO14: explain thermodynamically the operation of a concentration cell and be able to predict the concentration in the cell based on the cell potential.

Paper of the Course : Bachelor of Science (Medical & Non-Medical) BSMM/BSNM-5084 (P)
Course Title : CHEMISTRY PRACTICAL
Semester : V
COURSE OUTCOMES : Students will be able to
CO1: synthesize and analyse the coordination compounds
CO2: determine the end point of various conductometric titrations
CO3: know the principle and working of Abbe's Refractometer
CO4: determine the composition of unknown mixture of two liquids by refractive index measurements.
CO5: learn the technique of Rast's methods
CO6: learn phenomenon of adsorption of acetic acid and oxalic acid on charcoal

CO7: learn distribution coefficient of of iodine between CCl4 and water

Paper of the Course : Bachelor of Science (Non-Medical) BSNM-5184 (I) (THEORY)
Course Title : Electronics MICROPROCESSOR ARCHITECTURE 122
Semester : V
COURSE OUTCOMES :After passing this course, students will be able to:
CO1: Understand the concept of microprocessor architecture and its operations
CO2: Demonstrate Addressing modes, types of 8085 instructions, instruction format
CO3: Understand the instruction set of 8085
CO4: Understand the concept of Memory interfacing

Paper of the Course : Bachelor of Science (Non-Medical) BSNM-5184 (II) 124(THEORY)
Course Title : ELECTRONICS COMMUNICATION SYSTEM (502)
Semester : V
COURSE OUTCOMES : After passing this course the student will be able to:
CO1- To develop an understanding of Amplitude modulation.
CO2- Develop an understanding of Frequency modulation.
CO3- Develop an understanding of Radio receiver and its types.
CO4- Develop and ability to understand IF amplifiers, detection and automatic gain control (AGC)

Paper of the Course : Bachelor of Science (Non-Medical) BSNM-5184 (P) (PRACTICAL) 126
Course Title : Electronics Electronic Communication Systems Lab
Semester : V
COURSE OUTCOMES:
CO1: Students will be able to understand amplitude and frequency modulation and demodulation.
CO2. Students will get familiarize with microprocessor 8085 kit.
CO3: Students will be able to understand the concept of a program for add and subtract 8 bit no using 8085 microprocessor.
CO4: Students will able to understand programming of divide and multiply using 8085 microprocessor

Paper of the Course : Bachelor of Science (BSNM -5395 (I) ,BCSM-5395 (I))
Course Title : PHYSICS (CONDENSED MATTER PHYSICS) (THEORY)
Semester : V
COURSE OUTCOMES: After passing this course, students will be able to:
CO 1. Understand basics about crystal structures in solids, various types of crystal structure, unit cells and symmetry operations.
CO 2. Understand the experimental methods to determine crystal structures, reciprocal lattice, Brillioun zones and form factor.
CO 3. Understand the concept of lattice vibrations and role of phonons in determining specific heat of solids at low temperatures and models of specific heat.

CO 4. Build concept from free electron model to Kronig Penny model and its application to band theory to differentiate insulators, semiconductors and conductors.

Paper of the Course : Bachelor of Science (BSNM -5395 (II) ,BCSM-5395 (II))
Course Title : PHYSICS (NUCLEAR PHYSICS) 130 (THEORY)
Semester : V
COURSE OUTCOMES: After passing this course, students will be able to:
CO 1. Understand basic properties of nucleus and nuclear forces.
CO 2. Understand about radioactivity, theories of alpha, beta and gamma decay, neutrino hypothesis.
CO 3.Understand concepts and types about nuclear reactions, reactions cross section and compound nucleus.
CO 4. Understand nuclear models (Liquid drop and Shell model) and their failures and successes.

Paper of the Course : Bachelor of Science BSNM-5395 (P), BCSM-5395 (P)
Course Title : PHYSICS PRACTICAL
Semester : V
COURSE OUTCOMES:
CO 1. Students will be able to characterize p-n junction, zener diode, LED and LDR.
CO 2. Student will be able to use CRO for AC, DC, voltages and frequencies.
CO 3. Student will be able to understand the use of GM counter.

- **B. Sc. Medical (Semester I, III, V)**

Programme Specific Outcomes (PSO)

Course Outcomes (COs)

Name of the Course : B. Sc. Medical
Course Title : Punjab History & Culture (From Earliest Times to C. 320) (Special Paper in lieu of Punjabi compulsory)
Semester : **I**

After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of Course : **B.Sc. Medical**
Course Title : **ENGLISH (COMPULSORY)**
Semester : **I**

Course Outcomes: After passing this course, the students will be able to:

CO 1: appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu

CO 2: comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them

CO 3: understand fundamental grammatical rules governing tenses, the use of modal verbs and make correct usage in their language

CO 4: develop an understanding of translation of written text from Hindi/Punjabi to English

CO 5: independently write paragraphs on any given topic

Paper of Course : **B.Sc. Medical (ZOOLOGY) BSMM-1483 (I)**
Course Title : **CELL BIOLOGY (THEORY)**
Semester : **I**

Course Outcomes: After passing this course the student will be able to:

CO1. Develop deeper understanding of what life is and how it functions at cellular level.

CO2. Describe cellular membrane structure and function, fine structure and function of cell organelles.

CO3. Perform a variety of molecular and cellular biology techniques.

Paper of Course : **B.Sc. Medical (ZOOLOGY) : BSMM-1483 (II)**
Course Title : **BIODIVERSITY-I (PROTOZOA TO ANNELIDA) (THEORY)**
Semester : **I**

Course Outcomes: After passing this course the student will be able to:

CO1. Familiarise with the non-chordate world that surrounds us.
CO2. Appreciate the process of evolution (unicellular cells to complex, multicellular organisms).
CO3. Identify the invertebrates and classify them up to the class level with the basis of systematic.
CO4. Understand the basis of life processes in the non-chordates and recognize the economically important invertebrate fauna.

Paper of Course: : B.Sc. Medical (ZOOLOGY) BSMM-1483 (P)
Course Title: PRACTICAL-I (RELATED TO CELL BIOLOGY & BIODIVERSITY-I)
Semester: I
Course Outcomes: After passing this course the student will be able to:
CO1. Familiarise with the Techniques like Paper Chromatography, Thin Layer Chromatography & Gel Electrophoresis. C
O2. Familiarise with the TEM & SEM.
CO3. Know about the Classification & Ecological note of Invertebrates.

Paper of Course: B.Sc. Medical (MICROBIOLOGY) BSMM-1343
Course Title: Fundamentals of Microbiology(THEORY)
Semester: I
Course Outcomes :After passing this course the student will be able to:
CO1: Understand the history of microbiology and their characterization and identification.
CO2: Learn the different principles and applications of microscopy and methods of sterilization, preparation of a culture media, pure culture concept and different staining techniques of bacteria.
CO3: Understand the fine structure of bacterial cell and nutrition and nutritional requirements of microorganisms. Preparation of different types of media and control of microorganisms by physical and chemical agents.
CO4: Understand the Reproduction and Growth in Microorganisms and Epidemiology of common bacterial and viral diseases in humans.

Paper of Course: B.Sc. Medical (CHEMISTRY) BSMM -1084 (I)
Course Title: Inorganic Chemistry–I (THEORY)
Semester: I
Course Outcomes : Students will be able to:
CO1: Pedict electronic properties of atoms using current models and theories in chemistry.
CO2: Explains de-Broglie's dual behaviour of matter and Heisenberg's uncertainty principle and solve numerical problems
CO3: Explain the significance of quantum numbers
CO4: Sketch the probability density curves, boundary surface diagrams and shapes of s, p ,d and f orbitals and write the electronic configuration of atoms.
CO5: Identify the periodic trends in physical and chemical properties of elements.
CO6: Sescribe VSEPR theory and predicts the geometry of simple molecules.
CO7: Explain the valence bond approach for the formation of covalent bonds and the different types of hybridization involving s, p and d orbitals of simple covalent molecules .

CO8: Describe the molecular orbital theory of homonuclear diatomic molecules.
CO9: Explain the structures simple compounds.
CO10: Differentiate the types of van der Waals forces such as London forces, dipole – dipole interactions and dipole - induced dipole interactions and explain the concept of hydrogen bonding

Paper of Course: B.Sc. Medical (CHEMISTRY) BSMM -1084 (II)
Course Title: Organic Chemistry–II(THEORY)
Semester: I
Course Outcomes :Students will be able to:
CO1: Explain the bonding between different organic compounds
CO2: Explain the various reaction mechanisms and different electron displacement effects
CO3: Explain the various methods of formation and chemical reactions of alkanes, alkenes and alkynes
CO4: Compare the reactivities of various alkyl and aryl halide
CO5: Differentiate between aromatic, anti aromatic and non-aromatic compounds
CO6: Compare the stability of various cycloalkanes
CO7: Explain the effect of various substituents on the reactivity of aromatic compounds

Paper of Course: B.Sc. Medical (CHEMISTRY) BSMM -1084 (P)
Course Title: Chemistry Practical
Semester: I
Course Outcomes : tudents will be able to
CO1: separate and identify the various ions present in the mixture
CO2: accurately note down the melting and boiling point of organic compounds

Paper of Course: B.Sc. Medical (BOTANY) BSMM-1075 (I)
Course Title: DIVERSITY OF MICROBES (THEORY)
Semester: I
Course Outcomes : After passing this course the course the student will be able to:
CO1: Understand diversity in microscopic living organisms and their associations with other organisms.
CO2: Understand evolutionary history and time scale of non-vascular plants.
CO3: Develop basic knowledge about the variations in life cycle pattern of different organisms.
CO4: Interpret the structure and functional anatomy of plants belonging to the principal groups of living and fossil land plants

Paper of Course: B.Sc. Medical (BOTANY) BSMM-1075 (II
Course Title: DIVERSITY OF CRYPTOGAM S(THEORY)
Semester: I
Course Outcomes :After passing this course student will be able to:
CO1: Demonstrate knowledge of similarities and differences between vascular and nonvascular plants.
CO2: Build up a sound foundation in the subject of Cryptogamic Botany in general and Bryophytes in particular so that the students may be able to apply the acquired knowledge while interacting into the other fields of Botany.

CO3: Acquaint the students about the classification, morphology, biology and economic importance of various pteridophytic plants.
CO4: recognize different plants and flora that come under cryptogams.

Paper of Course: B.Sc. Medical (BOTANY) BSMM-1075 (II) (P)
Course Title: Practical – Related to Diversity of Microbes & Diversity of Cryptogams)
Semester: I
Course Outcomes Course Outcomes: After passing this course student will be able to:
CO 1: Ability to evaluate different sources of phylogenetic information (e.g. molecular sequence data, ultrastructure, morphology) for understanding algal, fungal.
CO 2: Knowledge of the evolutionary history and time-scale of non-vascular plants, including the development of the first terrestrial plants from green algae.
CO 3: Knowledge of the history and time-scale of land plant evolution, and evaluation of the principal types of evidence underlying.
CO 4: Basic understanding of algal and fungal diversity (incl. morphology, cell structure and level of organization) to phylum level, and their association as lichens.

Paper of Course: B.Sc. Medical FOOD SCIENCE AND QUALITY CONTROL (VOCATIONAL) BSMM-1255
Course Title: Food Chemistry and Nutrition (THEORY)
Semester: I
Course Outcomes :After passing this course the student will be able to:
CO1: Understandfood, its functions, food groups, malnutrition and nutrient requirement for adultmen and women as per ICMR.
CO2: Understand the chemistry underlying the properties of various food components.
CO3: Understand digestion, absorption, transport and utilization of nutrients in the body.
CO4: Learn about the nomenclature, definition, specificity, catalysis of enzyme, factorsinfluencing enzyme activity and role of enzymes in food processing.
CO5: Understand the composition and nutritional significance of cereals, milk and milk products, egg, meat, fruits and vegetables.

Paper of Course: B.Sc. Medical ,AECD-1161
Course Title: DRUG ABUSE: Problem, Management and Prevention (COMPULSARY))
Semester: I
Course Outcomes:
CO1. This information can include factual data about what substance abuse is: warning signs of addiction;information about how alcohol and specific drugs affect the mind and body.
CO2. How to be supportive during the detoxification and rehabilitation process.
CO3. Main focus of substance abuse education is teaching individuals about drug and alcohal abuse and how to avoid,stop and get help for substance use disorder.

CO4. Substance abuse education is important for students alike;there are many misconceptions about commonly used legal and illegal substance,such as alcohal,marijuana etc.

Paper of Course: B.Sc. Medical

Course Title: Punjab History & Culture (From 1000 -1605 A.D.) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab) After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab

Semester: III

Course Outcomes)

CO 1: To able to construct original historical arguments using a blend of primary and secondary source material

CO 2: To be able to demonstrate the significance of historical topics with reference to broader historical context and their contemporary relevance

CO 3: Students will develop an ability to convey verbally their historical knowledge

CO 4: students will develop skills in critical thinking and reading

CO 5: To discuss understand and evaluate causes and results of the conflict with Mughals

Paper of Course: B.Sc. Medical (BOTANY) BSML–3212

Course Title: : ENGLISH (COMPULSORY)

Semester: III

Course Outcomes :At the end of this course, the students will be able to:

CO 1: Develop an understanding of the poems taught, relate to the socio-cultural background of England and be able to answer questions regarding situations, themes and characters depicted in them

CO 2: Comprehend the basics of grammatical rules governing adjectives and adverbs, conjunctions and prepositions and phrasal verbs

CO 3: Enhance their reading and analysing power of texts through guided reading

CO 4: Enrich their vocabulary and use new words in their spoken and written language

CO 5: Develop skills to write an essay on a given topic.

Paper of Course: B.Sc. Medical (ZOOLOGY) BSMM-3483 (I)

Course Title: EVOLUTION (THEORY)

Semester: III

Course Outcomes :

CO1. Familiar with ecological adaptations.¬

CO2. Identify the contributions of various Evolutionists.¬

CO3. Understanding the process and theories in evolutionary biology.¬

CO4. Develop an interest in the debates and discussions taking place in the field of¬ evolutionary biology.

Paper of Course: B.Sc. Medical (ZOOLOGY) BSMM-3483 (II)

Course Title: Biodiversity-III

Semester: III

Course Outcomes:

CO1. Describe the diversity in form, structure and habits of vertebrates.

CO2. Explain general characteristics and classification of different classes of vertebrates.

CO3. Positive attitude towards Biodiversity Conservation.

Paper of Course: B.Sc. Medical BSMM-3483(P)

Course Title: Practical-III (Related to Evolution and Biodiversity-III)

Semester: III

Course Outcomes : CO1. Familiarize organ systems.

CO2. Aware about economically important specimens(preserved).

CO3. Understanding of evolutionary phenomena

Paper of Course: B.Sc. Medical (MICROBIOLOGY) BSMM-1075 (II

Course Title: Microbial Nutrition and Metabolism

Semester: III

Course Outcomes After passing this course the student will be able to:

CO1: Understand the nutrition and requirements for growth of microorganisms, mediumdesigning and types of microorganisms on the basis of nutrition.

CO2: Understand the transport of nutrients across the cell membrane.

CO3: Learn about the laws of thermodynamics and electron transport chain of bacteria.Alsounderstand the growth and metabolic pathways for breakdown of glucose (glycolysis,Kreb's cycle fermentation, pentose phosphate pathways) and gluconeogenesis.

O4: Learn about the enzymes, kinetics and biosynthesis of nucleic acids.

Paper of Course : B.Sc. Medical (BOTANY) BSMM -3084 (I)

Course Title : Organic Chemistry–I (THEORY)

Semester : III

Course Outcomes :Students will be able to

CO1: To resolve the different enantiomers and differentiate between dextrorotatory and leavorotatory compounds

CO2: Understand the concept of isomerism

CO3: Differentiate between chiral and achiral compounds, configuration and conformation

CO4: Understand the concept of axial and equatorial bonds and draw the various projection formulae

CO5: Understand the methods of formation, chemical reactions, acidic character of alcohols

CO6: Understand structure and bonding, preparation of phenols, acidic character of phenols

CO7: Understand structure and bonding in phenols and carbonyl compounds

CO8: Compare reactivity of aliphatic and aromatic aldehydes and ketones

CO9: Understand the various reactions given by carbonyl compounds

Paper of Course : B.Sc. Medical (BOTANY) BSMM -3084 (II)
Course Title : Physical Chemistry–II(THEORY)
Semester : I
Course Outcomes :Students will be able to
CO1: Understand and evaluate thermodynamic property of any system and its applications to various systems.
CO2: Acquire the knowledge of phase equilibria of various systems.
CO3: Understand completely miscible, partially miscible and immiscible liquids.
CO4: Understand concept of spontaneity of a reaction in terms of free energy change.
CO5: Demonstrate Vant' Hoff equation and relationship between equilibrium constants. CO6: Demonstrate Clausius-Clapeyron equation.

Paper of Course : B.Sc. Medical BSMM -3084 (II)
Course Title : Chemistry Practical
Semester : III
Course Outcomes :Students will be able to
CO1: Understand and master the technique of volumetric analysis
CO2: To understand and analyze an acidic & alkali content in different samples.
CO3: To understand and analyze the calcium content in various samples permanganometrically
CO4: To understand the concept of hardness of water and its analysis by EDTA method
CO5: Understand and master the technique of gravimetric analysis
CO6: To understand the concept of TLC and its applications.

Paper of Course : B.Sc. Medical (BOTANY) BSMM-3075 (I)
Course Title : Structure, Development and Reproduction in Flowering Plants-I
Semester : III
Course Outcomes :After passing this course the student will develop:
CO1: Understanding of basic body plan of a flowering plant, Diversity in plant form branching pattern and canopy architecture trees.
CO2: Understanding of shoot apical meristem and its histological organization. Cambium and its function and formation of secondary xylem.
CO3: Understanding of wood in relation to water and minerals, growth rings and structure of secondary phloem and periderm.
CO4: Understanding of origin, development, arrangement and diversity in size and shape of leaf, internal structure in relation to photosynthesis and water loss, senescence and abscission.

Paper of Course : B.Sc. Medical (BOTANY) BSMM -3084 (II)
Course Title : Structure, Development and Reproduction in Flowering Plants-II (THEORY)
Semester : III
Course Outcomes :After passing this course the student will be able to:
CO1: Recognize the major groups of vascular plants and their phylogenetic relationships.
CO2: Know the structure and development of monocot and dicot embryos. CO3: Understand different means of vegetative reproduction. CO4: Understand physiology of seed germination.

Paper of Course : B.Sc. Medical (BOTANY) BSMM-3075 (P)
Course Title : Practical – Structure, Development and Reproduction in Flowering Plants (I & II) (THEORY)
Semester : III
Course Outcomes After passing this course the student will be able to:
CO1: Develop knowledge about the role of herbarium techniques in plant identification.
CO2: Understand different life forms exhibited by flowering plants.
CO3: Understand anatomy of different plant parts using free hand razor technique. CO4: Examine flower and their mode of pollination.

Paper of Course : B.Sc. Medical (FOOD SCIENCE AND QUALITY CONTROL (VOCATIONAL)) BSMM-3255 (I)
Course Title : Food Processing and Packaging (THEORY)
Semester : III
Course Outcomes After passing this course the student will be able to:
CO1: Understand the reasons of spoilage and basic principles of food preservation methods.
CO2: Understand packaging materials, characteristics and machinery used for packaging food.
CO3: Understand processing of fats, oils, sugar, salt, tea, coffee, chocolate and cocoa powder, spices and flavor andextruded foods.
CO4: Learnmanufacturing offermented products: wine, vinegar, beer, fermented milks, yoghurt, etc.
CO5: Understand techniques that can be used to monitorquality of raw materials,manufacturing process and testing of the finished products

Paper of Course : B.Sc. Medical AECE-3221
Course Title : Practical – Environmental Studies (Compulsory) (THEORY)
Semester : III
Course Outcomes :After passing this course the student will be able to:
CO1: Demonstrate and Understand the ecological relationships between organisms and their environment.
CO2: Present an overview of diversity of life forms in an ecosystem.
CO3: Explain and identify the role of the organism in energy transfers.
CO4: Understand the Environmental Pollution and their management.
CO5: Understanding and awareness for wildlife conservation.
CO6: Knowledge of conservation of threatened animal species

Paper of Course : B.Sc. Medical (BOTANY) SECP-3512
Course Title : PERSONALITY DEVELOPMENT PROGRAMM
Semester : III
Course Outcomes : To enhance holistic development of students and improve their employability skills.
INSTRUCTIONAL OBJECTIVES
To re-engineer attitude and understand its influence on behaviour.
- To develop inter-personal skills and be an effective goal-oriented team player

.• To develop communication and problem solving skills.
• To develop professionals with idealistic, practical and moral values.•

Paper of Course : B.Sc. Medical (BOTANY) SECG- 3531
Course Title : Gender Sensitization Programme (THEORY)
Semester: III
Course Outcomes : The program has been designed to inculcate value of gender equality among students so that they can identify the areas of gender discrimination and raise their voice against gender discrimination and work towards making the society gender neutral. INSTRUCTIONAL OBJECTIVES:
1. To sensitize students about gender rights, gender roles and relations.
2. To make students aware and capable of realizing their true potential.
3. To ensure equal participation of men and women in all economic, social and political processes.
4. To develop gender prospective to transform the mind set of society

Paper of Course : B.Sc. Medical (BSML-5431)
Course Title : Practical – Punjab History and Culture (From 1849-1947 A.D) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester: V
Course Outcomes - After completing the course student have understanding of Punjab in the pre-independence phase
CO 1: Students will understand major changes in the Punjab during British Rule
CO 2: They will also know about important agitations and their outcomes on the politics of the Punjab.
CO3: They will gain knowledge about the society and economy of Punjab
CO4: They will be able to evaluate the socio-religious reforms movements of Punjabi Society
CO5: They will have insights into the details of the partition of Punjab

Paper of Course : B.Sc. Medical (ENGLISH (BSML-5212))
Course Title : English (Compulsory) (Theory)
Semester : V
Course Outcomes : After passing this course, the students will be able to:
CO 1: Widen their knowledge about various literary devices used in poetry such as tone, style, imagery, figures of speech, symbolism etc.
CO 2: Develop power of imagination and appreciate the beauty, rhyme, and style of a poem
CO 3: Analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed play
CO 4: Develop an understanding of the insights, genres, conventions and experimentations associated with English Drama
CO 5: Develop the knowledge, skills and capabilities for effective business writing such as letter writing and resume writing

Paper of Course : B.Sc. Medical (ZOOLOGY (BSMM-5483 (I)))
Course Title : Developmental Biology (Theory)
Semester : V
Course Outcomes : Course Outcome After successfully completing this course, students will be able to:
CO1: Identify the developmental stages.
CO2: Describe the key events in early and systematic embryological development.
CO3: Describe the process of gametogenesis.
CO4: Describe the chick development up to 96 hours of incubation and extra embryonic membranes.
CO5: Explain the theories of preformation, and concepts like growth, differentiation and reproduction.
CO6: Explain the principles and process of fertilization and cleavage.

Paper of Course : B.Sc. Medical (Zoology (BSMM-5483 (II)))
Course Title : Genetics (Theory)
Semester : V
Course Outcome : Upon successful completion, students will have the knowledge and skills to:
CO1: Comprehensive, detailed understanding of the chemical basis of heredity.
CO2: Comprehensive and detailed understanding of genetic methodology and how quantification of heritable traits in families and populations provides insight into cellular and molecular mechanisms.
CO3: Understanding of how genetic concepts affect broad societal issues including health and disease, food and natural resources, environmental sustainability, etc.
CO4: Understanding the role of genetic mechanisms in evolution. CO5: The knowledge required to to design, execute, and analyze the results of genetic experimentation in animal and plant model systems.
CO6: Explain the key concepts in population,
CO7: Evolutionary and quantitative genetics including: the basis of genetic variation; heritability; Hardy-Weinberg Equilibrium, roles of migration, mutation
CO8: The ability to evaluate conclusions that are based on genetic data. CO9: Insight into the mathematical, statistical, and computational basis of genetic analyses.

Paper of Course : B.Sc. Medical (ZOOLOGY (BSMM-5483 (P))
Course Title : PRACTICAL–V (Related to Developmental Biology and Genetics)
Semester : V
Course Outcome CO1: Understanding of development patterns of frog, chick and Larva of Herdmania.
CO2: Knowledge of process of gametogenesis.
CO3: Understanding of pedigree analysis and preparation of family charts
CO4: Understanding of inheritance of morphogenetic human characters.
CO5: Understanding of finger tip patterns.

Paper of Course : B.Sc. Medical (MICROBIOLOGY (BSMM-5343)
Course Title : Applied Microbiology (THEORY)
Semester : V
Course Outcome After passing this course the student will be able to:

CO1: Understand the history and scope of industrial microbiology, culture collection and preservation of stock cultures.
CO2: Understand the screening methods of isolation, fermentation media, its composition and characteristics of ideal production medium.
CO3: Learn about the fermentation processes, types of fermentation, design of fermentor and batch, fedbatch and continuous culture.
CO4: Understand the principles of recovery and purification of fermentation products, fermentation economics and patent.

Paper of Course : B.Sc. Medical (CHEMISTRY (BSMM -5084 (I)
Course Title : Inorganic Chemistry–I (Theory)
Semester : V
Course Outcome Students will be able to:
CO1: Understand structure and bonding in molecules / ions and predict the structure of molecules / ions. CO2: Use Crystal Field Theory to understand the structure, hybridisation, geometry and predict the colour of the complexes.
CO3: Describe the stability of metal complexes by the use of formation constants and to calculate thermodynamic parameters from them.
CO4: To describe the magnetic properties of coordination compounds.
CO5: Familiar with applications of coordination compound.
CO6: To draw Orgel diagrams for d1 to d10 systems and predict the possible transitions.
CO7: To calculate number of microstate and ground state term symbols.
CO8: Understand preparations, properties and applications of alkyls aryls of lithium and aluminium, bonding in metal-ethylenic complexes, mechanism of homogeneous hydrogenation.

Paper of Course : B.Sc. Medical (CHEMISTRY (BSMM -5084 (I)
Course Title : Physical Chemistry–II (Theory)
Semester : V
Course Outcome Students will be able to:
CO1: Get knowledge about various electrochemical phenomena.
CO2: Get the theoretical knowledge of the various spectroscopic methods on the basis of the examples from the science and industry.
CO3: Use spectroscopic equipment such as MS, IR, NMR spectrometers.
CO4: Iidentify organic compounds by analysis and interpretation of spectral data. CO5: Explain common terms in NMR spectroscopy such as chemical shift, coupling constant, and anisotropy and describe how they are affected by molecular structure.
CO6: Identify and define various types of nuclear transmutation including fission, fusion and decay reactions.
CO7: Define binding energy and mass defect and be able to calculate each for a given nucleus.
CO8: Understand and explain the concept of ionizing radiation and distinguish between the three different types of radiation.
CO9: Understand the concept of rate of change and half-life in the context of nuclear decay.
CO10: Understand the basics of nuclear chemistry applications.

CO11: identify an oxidation – reduction (redox) reaction based on changes in oxidation numbers across the chemical change.
CO12: Recognize degrees of reactivity based on an activity series table or a standard reduction potential table.
CO13: Describe fully the relationship between the free energy and the cell potential.
CO14: Explain thermodynamically the operation of a concentration cell and be able to predict the concentration in the cell based on the cell potential.

Paper of Course : B.Sc. Medical (CHEMISTRY (BSMM -5084 (P)
Course Title : Chemistry Practical)
Semester : V
Course Outcome: Students will be able to
CO1: Synthesize and analyse the coordination compounds
CO2: Determine the end point of various conductometric titrations
CO3: Know the principle and working of Abbe's Refractometer
CO4: Determine the composition of unknown mixture of two liquids by refractive index measurements.
CO5: Learn the technique of Rast's methods
CO6: Learn phenomenon of adsorption of acetic acid and oxalic acid on charcoal
CO7: Learn distribution coefficient of of iodine between CCl4 and water

Paper of Course : B.Sc. Medical (BOTANY (BSMM-5075 (I)
Course Title : Plant Physiology (THEORY)
Semester : V
Course Outcome: Course outcome: After passing this course the student will be able to:
CO1. Understand the plants and plant cells in relation to water.
CO2. Understand the process of photosynthesis in higher plants with particular emphasis on light and dark reactions, C3 and C4 pathways.
CO3. Understand the respiration in higher plants with particular emphasis on aerobic and anaerobic respiration.
CO4. Learn about the movement of sap and absorption of water in plant body

Paper of Course : B.Sc. Medical (BOTANY (BSMM-5075 (II)
Course Title : Biochemistry & Biotechnology
Semester : V
Course Outcome: After passing this course the student will be able to:
CO1. Understand the properties of Monosaccharide, Oligosaccharides and Polysaccharides.
CO2. Understand the Properties of saturated and unsaturated fatty acids.
CO3. Understand lipid metabolism and its significance in plants.
CO4. Understand structure and classification and protein biosynthesis in prokaryotes and eukaryotes. They will learn about the nucleic acid metabolism.
CO5. Understand the fundamentals of Recombinant DNA Technology. Know about the Genetic Engineering. Understand the principle and basic protocols for Plant Tissue Culture.

Paper of Course : B.Sc. Medical (BOTANY (BSMM-5075 (P)
Course Title : PRACTICAL- related to Plant physiology, Biochemistry & Biotechnology
Semester : V
Course Outcome: - After passing this course the student will be able:
CO 1: determine the osmotic potential of cell sap by plasmolytic method.
CO2: determine the Diffusion Pressure Deficit (DPD) of plant cells.
CO3: determine the effect of time period on the rate of imbibition in different types of seeds.
CO4: determine the relation between absorption and transpiration.

Paper of Course : B.Sc. Medical (FOOD SCIENCE AND QUALITY CONTROL (VOCATIONAL) (BSMM- 5255)
Course Title : Food Analysis (THEORY)
Semester : V
Course Outcome :After passing this course the student will be able to:
CO1: Understand the nutritional importance of food.
CO2: Understand the chemical and biochemical composition of foods and their importance for health, well being and safety of consumers
CO3: Understand physical characteristics of foods with special reference to rheological behavior and textural characteristics.
CO4: Understand the basics of chromatography techniques to separate and identify various biological molecules with special reference to amino acids, carbohydrates, lipids, nucleic acid, and proteins.
CO5: Understand the importance of legal standard, quality assurance, nutritional value determination and adulterants detection.

- Post Graduate Diploma in Nutrition and Dietetics

Programme Specific Outcomes (PSO)

Course Outcomes (COs)

Paper of Course : Post Graduate Diploma in Nutrition and Dietetics(PDNL – 1281)
Course Title : PHYSIOLOGY (Theory)
Semester : I
Course Outcome : Upon Completion of this Course the student should be able to
CO1. To develop the knowledge of cell structure and functions of inclusion bodies.
CO2. To understand the elementary knowledge of structure and functions of cardiovascular system. CO3. To develop the knowledge of different types of endocrine glands and its functions.
CO4. To develop the knowledge about digestive system and its structure, function, digestion and absorption of carbohydrates, proteins and fats.
CO5. To develop the knowledge of structure and function of urinary system.
CO6. To develop the knowledge of respiratory system and reproductive system

Paper of Course : Post Graduate Diploma in Nutrition and Dietetics(PDNL – 1281)
Course Title : PHYSIOLOGY (Theory)
Semester : I
Course Outcome Upon Completion of this Course the student should be able to
CO1. To develop the knowledge of cell structure and functions of inclusion bodies.
CO2. To understand the elementary knowledge of structure and functions of cardiovascular system.
CO3. To develop the knowledge of different types of endocrine glands and its functions.
CO4. To develop the knowledge about digestive system and its structure, function, digestion and absorption of carbohydrates, proteins and fats.
CO5. To develop the knowledge of structure and function of urinary system.
CO6. To develop the knowledge of respiratory system and reproductive system.

Paper of Course : Post Graduate Diploma in Nutrition and Dietetics(PDNL – 1282)
Course Title : COMMUNITY NUTRITION AND SOCIAL WELFARE (Theory)
Semester : I
Course Outcome : Upon Completion of this Course the student should be able to
CO1. To understand the factors affecting food consumption and malnutrition.
CO2. To gain knowledge about agricultural production and socio- economic and psychological factors related to malnutrition and family size and composition.
CO3. To understand the measures to overcome malnutrition and to apply basic principle of nutrition to improve the dietary practices of community.
CO4. To gain knowledge about economics of sanitation of food nutrition.
CO5. To understand the national and international organization engaged in food and nutrition activity.
CO6. To understand the role of voluntary agencies their state programmes community development and extension programmes.

CO7. To understand the principles of planning, executing and evaluating the nutrition education programme.
CO8. To develop the knowledge about concept of social welfare.
CO9. To understand the knowledge about broad fields of social welfare, family and social welfare.
CO10. To distinguish social welfare from social work, social service, social reform and social action.
CO11. To develop the knowledge about social welfare agencies and institutions involved in social welfare.
CO12. To understand the knowledge about local organization, Home Science Association Of India, Women Voluntary Service

Paper of Course: Post Graduate Diploma in Nutrition and Dietetics(PDNL – 1283)
Course Title: INSTITUTIONAL FOOD ADMINISTRATION (Theory)
Semester: I
Course Outcome :Upon Completion of this Course the student should be able to
CO1. To review of different types of institutional food service operation – commercial and non – commercial.
CO2. To develop the knowledge about meal planning in institution , menu types and standardization of common food preparation.
CO3. To understand the knowledge about management, organization and communication process and method.
CO4. To develop the knowledge about personnel management, methods of recruitment, welfare provision for employees- health, safety and recreation.
CO5. To understand the knowledge about types of equipment, kitchen unit, storage units, serving units and dishwashing.

Paper of Course: Post Graduate Diploma in Nutrition and Dietetics(PNDM – 1284)
Course Title: NUTRITIONAL BIOCHEMISTRY
Semester: I
Course Outcome: CO (1): To Understand the knowledge of Classification and properties of bio molecules.
CO (2): To Understand the concept of Intermediary Metabolism of Carbohydrates, Proteins and lipids
CO (3): To review the knowledge of Enzymes, Hormones and Inborn errors of metabolism
CO (4): to Understand the Concept of Vitamins, Minerals and Antioxidants

Paper of Course: Post Graduate Diploma in Nutrition and Dietetics(PNDM – 1284)
Course Title: NUTRITIONAL BIOCHEMISTRY (Practical)
Semester: I
Course Outcome: CO (1): Qualitative analysis of monosaccharide, disaccharide and polysaccharide.
CO (2): Quantitative estimation of glucose.
CO (3): To test the reaction of protein fats and carbohydrate in bread, milk and egg.

Paper of Course: Post Graduate Diploma in Nutrition and Dietetics(PNDP -1285)
Course Title: COMMUNITY NUTRITION AND SOCIAL WELFARE (Practical)
Semester: I
Course Outcome: Upon Completion of this Course the student should be able to
CO1. To understand the planning and conducting nutrition education programmes.

CO2. To develop the knowledge about standardization of cheap, nutritious recipes using food suitable for vulnerable groups.
C03. To enable them to conduct survey regarding vulnerable groups.
CO4. To understand the preparation of teaching aids for imparting nutrition education programmes.

Paper of Course: Post Graduate Diploma in Nutrition and Dietetics(PNDP -1286)
Course Title: INSTITUTIONAL FOOD ADMINISTRATION (Practical))
Semester: I
Course Outcome: Upon Completion of this Course the student should be able to
CO1. To knowledge about preparation of recipes suitable for cafeteria.
CO2. To develop the knowledge about standardization and cost calculation of recipes selected for cafeteria.
CO3. To enhance the supervising quality of a student in which they have to plan cafeteria and calculate its cost.

Paper of Course: Post Graduate Diploma in Nutrition and Dietetics(PNDL-1287)
Course Title: BASIC NUTRITION
Semester: I
Course Outcome:
CO (1) – To develop the knowledge about introduction to nutrition and storage methods of cereals, pulses, eggs, poultry, vegetables and fruit.
CO (2) – To distinguish between the different types of cooking methods- dry heat, moist heat, frying and microwave cooking.
CO (3) – To understand the knowledge about classification, functions and food sources, requirement, deficiencies of carbohydrates.
CO (4) – To develop the knowledge about classification. Food sources, functions and deficiencies of proteins, fats and oils.
CO (5) – To understand the knowledge about energy, food as a source of energy, the body need of energy

- **Diploma in Early Childhood Care and Education**

Programme Specific Outcomes (PSO)

Course Outcomes (COs)

Paper of Course: Diploma in Early Childhood Care and Education (DECCE) DECL-1281
Course Title: FOUNDATION OF EDUCATION (Theory)
Semester: I
Course Outcome: Upon Completion of this Course the student should be able to
CO(1):- To gain the knowledge about the historical perspective of early childhood education.
CO(2):- To gain understanding about the contribution of eminent education in pre –school education.
CO(3):- To understand the meaning of education, the nature and significance of primary education.
CO(4):- To gain knowledge about the programme and schemes in E.C.C.E.
CO(5):- To gain knowledge about the major contribution of different institutes in development of E.C.C.E.

Paper of Course: Diploma in Early Childhood Care and Education (DECCE) DECL-1282
Course Title: CHILD PSYCHOLOGY AND CHILD DEVELOPMENT (THEORY)
Semester: I
Course Outcome: Upon Completion of this Course the student should be able to
CO (1):- To understand the meaning, nature and child psychology.
CO (2):- To understand the difference between child psychology and general psychology.
CO (3):- To gain knowledge about the stages of development of childhood.
CO (4):- To understand the intelligence level of children.
CO (5):- To assess the personality of the children by using observation and case study method.
CO (6):- To under the effect of heredity and environment on the growth and development of the child.
CO (7):- To develop understanding about the exceptional children, backward children and mentally retarded.

Paper of Course: Diploma in Early Childhood Care and Education (DECCE) DECL-1283
Course Title: CHILD HEALTH AND NUTRITION-I (Theory)
Semester: I
Course Outcome: Upon Completion of this Course the student should be able to
CO(1):- To gain knowledge about the importance and functions of food, nutrition and malnutrition.
CO(2):- To gain knowledge about the care during pregnancy and planning meals for lactating women.
CO(3):- To develop understanding about the nutrition and health care during infancy and early childhood.
CO(4):- To understand the working of child line services and mid day meal schemes.
CO(5):- To gain the knowledge about carbohydrates, protein, fats, vitamin and minerals.

Paper of Course: Diploma in Early Childhood Care and Education (DECCE) DECL-1284
Course Title: SERVICES AND PROGRAMMES FOR CHILDREN-I (Theory)
Semester: I
Course Outcome: Upon Completion of this Course the student should be able to
CO(1):- To understand the needs of special children with disability and impairment.

CO(2):- To understand the different programmes run by government.
CO(3):- To enable them to counsel parents and care givers to understand the psychology of special children.
CO(4):- To develop understanding about the behavioural problems of special needs.
CO(5):- To gain knowledge about the services for special children run by government and N.G.O

Paper of Course: Diploma in Early Childhood Care and Education (DECCE) DECL-1285
Course Title: CHILD PSYCHOLOGY AND CHILD DEVELOPMENT PRACTICAL
Semester: I
Course Outcome: Upon Completion of this Course the student should be able to
CO(1):- To understand the concept of practical skills of intelligence
CO(2):- To understand the concept of measurement of attention
CO(3):- To enable them to understand about the practical process of memory
CO(4):- To develop understanding about measuring scales

Paper of Course : Diploma in Early Childhood Care and Education (DECCE) DECL-1286
Course Title : ART AND CRAFT (Practical)
Semester : I
Course Outcome: Upon Completion of this Course the student should be able to
CO (1):- To give the knowledge about free hand sketches in pencil, pen, and pastel and water colour.
CO (2):- To enable them to prepare small flannel boards.
CO (3):- To enable them to write letters and for preparing flash cards.
CO (4):- To give them proper knowledge of colours and colour wheel.
CO (5):- To enable them to make art sheets including letters and sketches

Master of Science in Botany

Programme Specific Outcomes (PSO)

PSO1. Understand the nature and basic concepts of cell biology, biochemistry, taxonomy and ecology.
PSO2. Analyze the relationships among animals, plants and microbes.
PSO3. Perform procedures as per laboratory standards in the areas of biochemistry, bioinformatics, taxonomy, economic botany and ecology.
PSO4. Apply the knowledge of basic science, life Science and fundamental process of plants to study and analyze any plant form.
PSO5. Identify the taxonomic position of plants, formulate the research literature, and analyze non reported plants with substantiated conclusions using first principles and methods of nomenclature and classification in Botany

Course Outcomes (COs)

Paper of Course: Master of Science in Botany (MBTL-1071)
Course Title: Fungi and Plant Pathology
Semester: I
Course Outcome: After passing this course the student will be able to
CO: 1 Explain sources of diversity in the fungal kingdom
CO: 2 To understand the major virulence mechanisms that phytopathogens employ to colonize plants.
CO: 3 Develop an appreciation for the strategies that can be employed to incorporate disease resistance in crop plants.

Paper of Course : Master of Science in Botany (MBTL-1072)
Course Title : Phycology
Semester : I
Course Outcome: After passing this course the student will be able to:
CO:1 Identify and classify different species of algae.
CO:2 Have an overview of the biology of algae.
CO:3 Use the study of algae to provide a basis for understanding the evolutionary pathways to higher plants.
CO:4 Understand the role of algae in various environments as primary producers, suppliers of nutrition and resources for humans.

Paper of Course: Master of Science in Botany (MBTL-1073)
Course Title: Plant Physiology
Semester: I
Course Outcome: After passing this course the student will be able to:

CO: 1 Understand the relationship between structure and function as it relates to plant macromolecules, cells, and tissues.
CO: 2 Understand the interaction between the environment, plant growth and development
CO: 3 Gain an appreciation of the metabolic and physiological processes unique to plant
CO: 4 Acquire a comprehension of plant biology from the sub cellular to the organism level.

Paper of Course : Master of Science in Botany (MBTL-1074)
Course Title : Genetics and Evolution
Course Outcome: After passing this course the student will be able to
CO:1 Understand chemical basis of heredity.
CO:2 Understand genetic methodology and how quantification of heritable traits in families and populations provides insight into cellular and molecular mechanisms.
CO:3 Understand the effect of broad societal issues including health and disease, food and natural resources, environmental sustainability etc.
CO:4 Understand the role of genetic mechanisms in evolution.

Paper of Course : Master of Science in Botany (MBTL-1075)
Course Title : Theoretical Biology
Semester : I
Course Outcome: After passing this course the student will be able to:
CO 1: Understand linear function, power function and periodic function.
CO 2: Recognize algebraic, exponential, logarithmic function and will come to know how to calculate their differentiation and apply derivatives of sum, difference, product and quotient of two functions.
CO 3: Recognize Integration as an inverse of differentiation and to calculate area under curve and understand integrals as limit of sum and its geometrical interpretation.
CO 4: Understand the concept of mathematical expectation and use it to find out the mean, variance, standard deviation, kurtosis etc. of normal probability distribution.
CO 5: Use Correlation to identify the strength and direction of a linear relationship between two variables and using Regression to predict how much a dependent variable changes based on adjustments to an independent variable and also apply Karl Pearson Correlation coefficient and Spearman‟s Rank Correlation and Least Square technique for Regression lines.
CO 6: Manage to solve problems using t and Chi-Square test.

Paper of Course : Master of Science in Botany (MBTL-1046)
Course Title : Computer Applications and Bioinformatics
Semester : I
Course Outcome: After passing this course the student will be able to apply:
CO1: Knowledge and awareness of the basic principles and concepts of biology, computer science and bioinformatics .
CO2: Existing software effectively to extract information from large databases and to use this information in computer modeling.
CO3: Problem-solving skills, including the ability to develop new algorithms and analysis methods.

CO4: An understanding of the intersection of life and information sciences, the core of shared concepts, language and skills the ability to speak the language of structurefunction relationships, information theory, gene expression, and database queries .

Paper of Course : Master of Science in Botany (MBTL-1073)
Course Title : Plant Physiology
Semester : I
Course Outcome: Master of Science in Botany Semester-I Session 2020-21 Botany Practicals I (Based on MBTL-1071, MBTL-1072,MBTL-1335) MBTP-1077 Course Outcomes: After passing this course the student will be able to: CO1: Characterize different disease symptoms of crop plants. CO2: Identify pathogenic organisms responsible for plant diseases. CO3: Perform different experiments on culturing of plant pathogens. CO4: Understand different plant defence mechanisms against plant diseases. CO5: Know about the history and time-scale of land plant evolution, and evaluation of the principal types of evidence underlying. CO6: Understand algal diversity (incl. morphology, cell structure and level of organization) to phylum level, and their association as lichens.

Paper of Course : Master of Science in Botany
Course Title : Botany Practicals II (Based on MBTL-1073, MBTL-1074,MBTL-1046) MBTP-1078
Semester : I
Course Outcome: After passing this course the student will be able to:
CO1: understand the lab structure of cytogenetics .
CO2: perform the different types of cell division in various plants.
CO3: perform the molecular level of practicals like DNA isolation .
CO4: understand the morphology of various chromosomes and karyotype analysis.
CO5: Understand Water relation of plants with respect to various physiological processes. CO6: Interpret the Biological nitrogen fixation in metabolism.

Paper of Course : Master of Science in Botany (MBTL-3071)
Course Title : Developmental Botany
Semester : III
Course Outcome: After passing this course the student will be able to:
CO1: Know the structure and development of monocot and dicot embryos.
CO2: Compare the function and morphology of pollen grains.
CO3: Understand different aspects of embryology.
CO4: Understand role of Embryology in Plant Breeding.

Paper of Course : Master of Science in Botany (MBTL-3072)
Course Title : Plant Molecular Biology
Semester : III
Course Outcome: After passing this course the student will be able to:

CO1: exhibit a knowledge base in genetics, cell and molecular biology.
CO2: understand the structures and purposes of basic components of prokaryotic and eukaryotic cells, especially macromolecules, membranes, and organelles.
CO3: Exhibit clear and concise communication of scientific data
CO4: understand different techniques related to molecular biology

Paper of Course : Master of Science in Botany (MBTL-3073)
Course Title : Plant Breeding and IPR
Semester : III
Course Outcome: After passing this course the student will be able to:
CO1: Understand historical evolution of plant breeding and different centers of origin.
CO2: Understand sources and types of genetic variation and explain their importance for plant improvement.
CO3: Describe methods that are used in plant breeding.
CO4: Understand IPR (Intellectual property right)

Paper of Course : Master of Science in Botany (MBTL-3074)
Course Title : Plant Biochemistry
Semester : III
Course Outcome: After passing this course the student will be able to:
CO1: Understand cellular chemistry, its plant specific components.
CO2: Understand metabolism of lipids and carbohydrates.
CO3: Describe structure,functions and the mechanisms of action of enzymes.
CO4: Learn kinetics of enzyme catalyzed reactions and enzyme inhibitory and regulatory process.

Paper of Course: Master of Science in Botany (MBTL-3075)
Course Title: Applied Botany
Semester: III
Course Outcome: After passing this course the student will be able to:
CO1: demonstrate knowledge of the value of plants in our everyday lives
CO2: identify and describe the impact of economic botany on the environment and society.
CO3: understand commercial use of different forest products.
CO4: demonstrate the ability to interpret scientific data and employ critical thinking to solve problems in applied botany.

Paper of Course: Master of Science in Botany (MBTL-3076)
Course Title: Plant Morphogenesis
Semester: III
Course Outcome: After passing this course the student will be able to:
CO1:learn about morphogenesis and organogenesis in plants.
CO2: understand basic principles in plant development.
CO3: read plant development biology literature.
CO4: understand different factors affecting plant morphogenesis.

Paper of Course: Master of Science in Botany

Course Title: Botany Practicals I (Based on MBTL-3071, MBTL-3072 and MBTL-3073) MBTP-3077

Semester: III

Course Outcome: After passing this course the student will be able to:

CO1: Perform immobilization of enzymes.

CO2: Wide application of enzymes and their fiture potential.

CO3: perform different experiments based on plant pollination.

CO4: understand embryology of dicot and monocot plants.

Paper of Course: Master of Science in Botany

Course Title: Botany Practicals II (Based on MBTL-3074, MBTL- 3075 and MBTL-3076) MBTP-3078

Semester: III

Course Outcome: After passing this course the student will be able to:

CO1: Understand concept of gene, gene cistron relationship in prokaryotes and eukaryotes.

CO2: Understand types of DNA damage, DNA repair pathways.

CO3: Exhibit clear and concise communication of scientific data. CO4: Understand different techniques related to molecular biology.

Master of Zoology

Programme Specific Outcomes (PSO)

PSO1 Used the evidences of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth. They are able to use specific examples to explicate how descent with modification has shaped animal morphology, physiology, life history, and behavior. ¬ PSO2 Explicate the ecological interconnectedness of life on earth by tracing energy and nutrient flows through the environment. They are able to relate the physical features of the environment to the structure of populations, communities, and ecosystems. ¬ PSO3 Subjects such as invasive or endangered species, embryonic development in mammals and ageing in social insects. Lead to advances in medicine to prevent disease amongst both animals and human beings. ¬ PSO4 Develop knowledge and understood of living organisms at several levels of Zoological and Biological organization from the molecular, through to cells and whole organisms and ecosystems all organs of evolutionary perspectives. ¬ PSO5 Understand how the chemistry and structure of the major biological macromolecules, including proteins and nucleic acids, determines their biological properties. ¬ PSO6 Demonstrate knowledge to acquire, articulate, retain, and employ practical skills relevant to Fundamentals of computer, Molecular biology& rDNA technology, ¬ PSO7 Define event, outcome, trial, simple event, sample space and calculate the probability of events for more complex outcomes related to conditional, additive and multiplicative law of probability. ¬ PSO8 Understand the concept of mathematical expectation and use it to find out the mean, variance, standard deviation, kurtosis etc. of different probability distributions like Binomial, Poisson and Normal etc. ¬ PSO9 Use Correlation to identify the strength and direction of a linear relationship between two variables and using Regression to predict how much a dependent variable changes based on adjustments to an independent variable and also apply Karl Pearson Correlation coefficient and Spearman's Rank Correlation and Least Square technique for Regression lines.

Paper of Course : Master of Science in Zoology (MZOL-1481)

Course Title : FUNCTIONAL ORGANIZATION OF ANIMALS– I
Semester : I
Course Outcome: After passing this course the student will be able to:
CO1 Understand the physiological mechanisms.¬
CO2 Familiarize with the physiology of digestive and respiratory system of chordates¬ & non-chordates.
CO3 Understand the blood composition, types, groups and circulatory system.¬
CO4 Understand the physiology of excretory system.¬
CO5 Come to know the physiology of reproductive system.¬

Paper of Course : Master of Science in Zoology (MZOL-1482)
Course Title : ANIMAL ECOLOGY (THEORY)
Semester : I
Course Outcome: After passing this course the student will be able to:
CO1 Demonstrate and Understand the ecological relationships between organisms and their environment.¬
CO2 Present an overview of diversity of life forms in an ecosystem.¬
CO3 Explain and identify the role of the organism in energy transfers.¬
CO4 Describe the Habitat ecology and Resource ecology.¬
CO5 Understand the Environmental Pollution and their management.¬

Paper of Course : **Master of Science in Zoology (MZOL-1483)**
Course Title : **CELL BIOLOGY (THEORY)**
Semester : I
Course Outcome: After passing this course the student will be able to:
CO1 Describe the ultra-structure and functions of cell organelles.¬
CO2 Understand DNA replication, RNA and protein synthesis and come to know protein synthesis can be¬ controlled at the level of transcription and translation.
CO3 Understand cell signaling and cellular communication.¬
CO4 Understand the types and applications of stem cells.¬

Paper of Course : **Master of Science in Zoology (MZOP-1485)**
Course Title : **Practical-I (Functional Organization of Animals-I)**
Semester : I
Course Outcome: After passing this course the student will be able to:
CO1 Understand the comparative anatomy of gut through demonstration.¬

CO2 Understand the comparative physiology of circulatory, excretory¬ & reproductive system through ICT based videos, presentations and charts.

Paper of Course : Master of Science in Zoology (MZOP-1486)
Course Title : Practical- II (Ecology & Cell Biology)
Semester : III

Course Outcome: After passing this course the student will be able to:

CO1 Perform the experiments to analyze the macromolecules in animals¬

CO2 Describe the fine structure and functions of cell organelles.¬

CO3 Perform a variety of cellular biology techniques.¬

CO4 Analyse various physicochemical parameters in environmental matrices.¬

Paper of Course: Master of Science in Zoology MZOL-3481
Course Title: RESEARCH TECHNIQUES AND METHODOLOGY (THEORY)
Semester: III

Course Outcome: After passing this course the student will be able to:

CO1 Understanding the theoretical principles and applications of immunological• techniques.

CO2 Understanding of the theoretical principles of centrifugation techniques and the• scope of their applications.

CO3 Understanding of the theoretical principles of electrophoretic and some• electroanalytical techniques and their applications.

CO4 Explain the theoretical principles and applications of a range of chromatographic• techniques.

CO5 Understanding of physical, chemical, biological principles behind techniques used• to separate macromolecules.

CO6 Understanding purification methods for isolating macromolecules in scientific• research

Paper of Course : Master of Science in Zoology (MZOL-3482)
Course Title : DEVELOPMENTAL BIOLOGY
Semester : III

Course Outcome: After passing this course the student will be able to:

CO1 To impart knowledge regarding basic concepts of differentiation and growth,• differential gene expression as well as cytoplasmic determinants to the students.

CO2 To develop detailed understanding of essential events of developmental biology• through proper explanation of gametogenesis, fertilization, blastula formation, gastrulation as well as embryological induction as part of early embryonic development.

CO3 To provide adequate explanation to the students regarding concepts of late• embryonic developmental events including fate map, germ layers development, extraembryonic membranes, embryo implantation and significance of placental formation.

CO4 To give adequate information to the students regarding post embryonic development• especially, metamorphosis, regeneration and ageing processes.

CO5 To make the students aware about modern implications of developmental biology• by impartment of knowledge regarding in-vitro fertilization.

Paper of Course : Master of Science in Zoology (MZOL-3483)
Course Title : GENERAL BIOCHEMISTRY
Semester : III

Course Outcome: After passing this course the student will be able to:

CO1 Students will understand the synthesis of proteins, lipids, nucleic acids, and• carbohydrates and their role in metabolic pathways along with their regulation at the epigenetic, transcriptional, translational, and post-translational levels including RNA and protein folding, modification, and degradation. Regulation by non-coding RNAs will be tied to the developmental and physiological functioning of the organism.

CO2 Students will analyze structural-functional relationships of genes and proteins from• bacteria to eukaryotes using genomic methods based on evolutionary relationships.

CO3 Demonstrate an understanding of the chemistry, structure and function of biological• molecules

CO4 Explain biological mechanisms, such as the processes and control of bioenergetics• and metabolism as chemical reactions

CO5 Demonstrate an understanding of the principles, and have practical experience of, a• wide range of biochemical techniques (e.g. basic molecular biology, cell biology and microbiology methods, Spectrophotometry, the use of standards for quantification, enzyme kinetics; macromolecular purification, chromatography and electrophoresis)

CO6 To analyze the biochemical data (e.g. in enzyme kinetics, molecular structure• analysis and biological databases)

Paper of Course : Master of Science in Zoology (MZOL-3484)
Course Title : APPLIED ZOOLOGY-II (VERTEBRATES)
Semester : III

Course Outcome: After passing this course the student will be able to:

CO1 Understand the concept of Fish culture, poultry, dairy farming, and wool industry.•

CO2 Understanding of Pharmaceutical products from animals.•

CO3 Understanding of problems associated to economically important animals.•

CO4 Skill development for small scale industry•

Paper of Course: Master of Science in Zoology (MZOL-3485)
Course Title: PRACTICAL V (RESEARCH TECHNIQUES & APPLIED ZOOLOGY-II)
Semester: III

Course Outcome: After passing this course the student will be able to:

CO1 Understanding of various scientific research techniques•

CO2 Estimation of protein content, DNA/RNA•

CO3 Understanding of economically important animals rearing, use of their products and• awareness of small scale industry

Paper of Course : Master of Science in Zoology (MZOL-3485)
Course Title : PRACTICAL VI (DEVELOPMENTAL BIOLOGY AND BIOCHEMISTRY)
Semester : III

Course Outcome: After passing this course the student will be able to:

CO1 Understanding of development patterns of frog and chick•

CO2 Knowledge of process of gametogenesis•

CO3 Understanding of techniques related to protein, lipids and carbohydrates• estimation

• Bachelor of Science Bio-Technology (Semester: I, III & V)

Programme Specific Outcomes (PSO)

Upon successful completion of this course, students will be able to:

PSO1. gain and apply knowledge of Biotechnology and Science concepts to solve problems related to field of Biotechnology.

PSO2: design, perform experiments, analyze and interpret data for investigating complex problems in the field of biotechnology.

PSO3: apply ethical principles and commit to professional ethics and responsibilities and norms of the Biotechnological practices.

PSO4: design and develop solution to Biotechnology problems by applying appropriate tools while keeping in mind safety factor for environment & society.

PSO5: to undertake any responsibility as an individual and as a team in a multidisciplinary environment.

PSO6: contribute to the field of biotechnology and allied industries designing, developing and providing solutions for product/processes/technology development.

PSO7: able to justify societal, health, safety and legal issues and understand his responsibilities in biotechnological engineering practices.

Course Outcomes (COs)

Paper of Course: Bachelor of Science (Bio-Technology **)(**BBTL-1431**)**

Course Title: PUNJAB HISTORY AND CULTURE (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester: I

Course Outcome: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times.

Paper of Course: Bachelor of Science (Bio-Technology **)(** BBTL-1102**)**
Course Title: Communication Skills in English
Semester: I
Course Outcome: At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability torealise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Paper of Course: Bachelor of Science (Bio-Technology **)(** BBTM-1483**)**
Course Title: Cell Biology (Theory)
Semester: I
Course Outcome: After passing this course the student will be able to:
CO1. Understanding the basic unit of life – cell and broad classification of cell types.
CO2. Understanding the structure and functions of cell organelles.
CO3: Understand Cell Division and Cell Cycle.
CO4. Understanding the biological membranes along with membrane transport mechanism.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1074)
Course Title: Botany-I (Theory)
Semester: I
Course Outcome: After passing this course the student will be able to
CO1: Understand the diversity of plants.
CO2: Understand the structure of root and stem.
CO3: Understand structure and development of anther, male gametophyte, ovule and female gametophyte.
CO4: Understand different aspects of Pollination, fertilization and sterility.
CO5: Understand terminology related to floral descriptions.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1074)(P)
Course Title: Botany-I (Practical)
Semester: I
Course Outcome: After passing this course the student will be able to:
CO1: Understand anatomy of root, stem and leaaves.
CO2: Understand structure and development of anther, male gametophyte, ovule and female gametophyte.
CO3: Understand the floral identification and descriptions.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1085)
Course Title: Biochemistry-I (Theory)
Semester: I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: Gain basic knowledge about water and pH.
CO2: Understand the basic concept of Carbohydrates and lipids and their classification.
CO3: Understand the structure and function of lipids and their subclasses.
CO4: Understand the structure, function and classification of proteins.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1085(P))
Course Title: Biochemistry-I (Practical)
Semester: I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: Perform Beer Lamberts Law
CO2: Determine pKa value.
CO3: Estimate carbohydrates and sugars
CO4: Estimate proteins and fats.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1346)
Course Title: General Microbiology-I (Theory)
Semester: I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: Gain basic knowledge about Microbiology and general features of microbes and those living in extreme environments
CO2: Gain knowledge about microbial growth and sterilization techniques
CO3: Understand the concept of microscopy.
CO4: Understand bacterial classification. Understand bacterial classification and microbial preservation methods.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1346(P)
Course Title: General Microbiology-I (Practical)
Semester: I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: Sterilize glassware & plastic ware while performing experiments.
CO2: Prepare media and cotton plugs.
CO3: Isolate, Identify, purify and preserve microbes.
CO4: Study motility of microbes

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1087)

Course Title: Chemistry-I (Theory)

Semester: I

Course outcomes: Students will be able to:

CO1: understand the key features of coordination compounds viz.variety of structures, oxidation numbers and electronic configurations, coordination numbers and explain the bonding and stability of complexes along with their nomenclature and structure.

CO2: describe the shapes and structures of coordination complexes with coordination numbers ranging from 1 to 12.

CO3: recognize, name and draw the structures of isomers in coordination compounds.

CO4: explain the valence bond approach for the co-ordinate complex.

CO5: describe the stability of metal complexes by the use of formation constants and to calculate thermodynamic parameters from them.

CO6: understand macrocyclic effect, crown ethers, cryptands.

CO7: understand Crystal field Splitting of d-orbitals in octahedral, tetrahedral, cubic and square planer fields of ligands.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-1087 (P))

Course Title: Chemistry-I (Practical)

Semester: I

Course outcomes: Students will be able to:

CO1: understand the technique of volumetric analysis

CO2: understand Iodimetry, Iodometry

CO3:understand Redox titrations using K2Cr2O7 and KMnO4.

CO4: identify the various ions present in the mixture.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3081)

Course Title: Physical Chemistry-A (Theory)

Semester: III

Course outcomes: Students will be able to:

CO1: understand the various thermodynamic properties and laws of Thermodynamics.

CO2: acquire knowledge about the various thermodynamic terms like enthalpy of formation, enthalpy of ionisation, entropy, internal energy.

CO3: calculate entropy change for reversible and irreversible processes under isothermal and non-isothermal conditions and also absolute entropies of substances.

CO4: understand the relation between free energy change and equilibrium constants Kp, Kc and Kf.

CO5: understand the various types of solutions and their colligative properties like Osmotic pressure, Elevation in boiling point, Depression in freezing point.

CO6: understand the importance of Van't Hoff factor and its application to calculate degree of association and degree of dissociation.

CO7: describe the Phases and Phase rule and its thermodynamic derivation.

CO8: draw and explain the phase diagrams of water system, KI water system and lead-silver system.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3081)(P)
Course Title: Physical Chemistry-A (Practical)
Semester: III
Course outcomes: Students will be able to:
CO1: determine surface tension of a given liquid by Stalagmometer.
CO2: determine coefficient of viscosity of pure liquids. CO3: understand the effect of Hydrogen Bonding on viscosity of various liquids.
CO4: work efficiently with the instruments like pH meter, colorimeter.
CO5: understand with the volumetric terms like normality, molarity, molality, indicator, standard solution, strength.
CO6: understand the technique of volumetric analysis.
CO7: apply the concept of acid-base titrations in daily life.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3482)
Course Title: Zoology-C (Theory))
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1. Understand the physiology of their own body and urge them to take precautionary measures to safeguard their health.
CO2. Understand the structure and function of each system in the human body.
CO3. Describe common physiological disorders, syndromes and diseases.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3482 (P))
Course Title: Zoology-C (Practical)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1. Identify the structure of different parasitic protozoans.
CO2. Able to perform the pathological examinations of urine and blood.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3083)
Course Title: Biochemistry-C (Theory)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1: Understand the Basic principles of metabolism
CO2: Understand Carbohydrate metabolism.
CO3: Understand the Amphibolic nature of Kreb's cycle
CO4: Know ATP synthesis.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3083)(P)
Course Title: Biochemistry-C (Practical)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1: Understand the importance of absorbance maxima.
CO2: Determine reducing sugar and vitamin C.
CO3: Understand Quantitative estimation of triglycerides and cholesterol.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3484)
Course Title: Cell Biology (Theory)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1: Develop deeper understanding of what life is and how it functions at cellular level.
CO2: Describe cellular membrane structure and function, fine structure and function of cell organelles.
CO3: Understand Cell Division and Cell Cycle
CO4: Perform a variety of molecular and cellular biology techniques.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3084)(P)
Course Title: Cell Biology (Practical)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1.Perform a variety of molecular and cellular biology techniques.
CO2.Describe cellular membrane structure and function, fine structure and function of cell organelles.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3065)
Course Title: Immunology-A (Theory)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1: Understand the Concept of Immunology
CO2: Know about different immune cells providing immunity
CO3: Inculcate knowledge of immune response towards microorganisms.
CO4: Study Major His to compatibility system.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3065)(P)
Course Title: Immunology-A (Practical)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1: Collect blood sample by different methods.
CO2: Calculate Differential leucocyte count, Total leucocytes and RBC count.
CO3: Perform Blood group testing.
CO4: Perform dye exclusion method

CO5. Isolate mononuclear cells from peripheral blood.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3066)
Course Title: Genetics (Theory)
Semester: III
Course outcomes: After passing this course the student will be able to:
CO1: UnderstandMendelian and Neo-mendelian genetics
CO2: Study the phenomenon of dominance, laws of segregation, independent assortment of genes.
CO3: Understand the different types of genetic interaction, incomplete dominance, codominance, inter allelic genetic interactions, multiple alleles and quantitative inheritance.
CO4: Understand the principles and mechanisms of linkage and crossing over.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3066)(P)
Course Title: Genetics (Practical)
Semester: III
Course outcomes After passing this course the student will be able to:
CO1: Understand Mendelian laws.
CO2: Solve Paternity disputes.
CO3: Demonstrate segregation in preserved material.
CO4: Study polytene chromosomes and dermatoglyphics.
CO5: Study mitosis from onion root tips.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3067)
Course Title: Agro and Industrial Applications of Microbes-A(Theory)
Semester: III
Course outcomes After passing this course the student will be able to:
CO1: Inculcate the basic concept of agriculture and food processing in industry
CO2: Gain knowledge of industrially important microbes & their improvement programmes
CO3: Understand the Microbial association.
CO4: Formulate the media

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-3067)(P)
Course Title: Agro and Industrial Applications of Microbes – A (Practical)
Semester: III
Course outcomes After passing this course the student will be able to:
CO1: Isolate microbial cells by different methods.
CO2: Do Biochemical characterization of microbes.
CO3: Understand the concept of Fermentation.
CO4: Prepare starter culture
CO5: Determine nitrate reduction by bacteria.

Paper of Course: Bachelor of Science (Bio-Technology) (AECE-3221)
Course Title: Environmental Studies (Compulsory Paper) (Theory)
Semester: III
Course outcomes : After passing this course the student will be able to:
CO1: Demonstrate and Understand the ecological relationships between organisms and their environment.
CO2: Present an overview of diversity of life forms in an ecosystem.
CO3: Explain and identify the role of the organism in energy transfers.
CO4: Understand the Environmental Pollution and their management.
CO5:Understanding and awareness for wildlife conservation.
CO7:Knowledge of conservation of threatened animal species

Paper of Course: Bachelor of Science (Bio-Technology)(BBTL-5061)
Course Title: Patent Laws in Biotechnology (Theory)
Semester: V
Course outcomes: After passing this course the student will be able to:
CO1: Know the Procedure for obtaining patent.
CO2: Understand the Legal aspects of patenting.
CO3: Understand Patents related to Bacteria, Virus, Fungi and medicinal plants.
CO4: Get knowledge about TRIPs articles relevant to Biotechnology Sector.
CO5: Know about the ethical issues in Biotechnology.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTL-5061)
Course Title: rDNA Technology-A (Theory)
Semester: V
Course outcomes: After passing this course the student will be able to:
CO1: Learn about different DNA Modifying enzymes.
CO2: Understand the different features of plasmids and development of plasmids as vector.
CO3: Know about the different methods of Transformation.
CO4: Study the labelling of DNA and RNA

Paper of Course: Bachelor of Science (Bio-Technology) BBTM-5062(P)
Course Title: rDNA Technology-A (Practical)
Semester: V
Course outcomes: After passing this course the student will be able to:
CO1: Grow E.coli bacterial culture.
CO2: Isolate genomic DNA from bacteria.
CO3: Quantify DNA using Spectrophotometer and determine their purity.
CO4: Perform Agarose Gel Electrophoresis.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5063)

Course Title: Concepts of Plant Tissue Culture (Theory)
Semester: V
Course outcomes: After passing this course the student will be able to:
CO1: Study the macronutrients and micronutrients and their deficiency symptoms in plants.
CO2: Know about the different physiological functions & biosynthesis of major plant growth regulators.
CO3: Understand the concept of Totipotency.
CO4: Understand the different methods of gene transfer in plants.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5063)(P)
Course Title: Concepts of Plant Tissue Culture (Practical)
Semester: V
Course outcomes: After passing this course the student will be able to:
CO1: Get acquainted with functions and operations of various instruments used in plant tissue culture laboratory.
CO2: Prepare cotton plugs.
CO3: Prepare stock solutions of Murashige & Skoog (1962) medium.
CO4: Clean glassware, plasticware and contaminated cultures.
CO5: Prepare, sterilize and inoculate the explants.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5064)
Course Title: Animal Tissue Culture (Theory)
Semester: V
Course outcomes: After passing this course the student will be able to:
CO1: Learn about the different aseptic techniques used in Animal Tissue Culture (ATC).
CO2: Know about the different sources, types and eradication of contamination.
CO3: Study the different culture media and reagents used in ATC.
CO4: Study different safety considerations in ATC laboratory

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5064)(P)
Course Title: Animal Tissue Culture (Practical)
Semester: V
Course outcomes: After passing this course the student will be able to:
CO1: Perform different Sterilization techniques.
CO2: Prepare Hanks Balanced salt solution.
CO3: Prepare Minimal Essential Growth medium.
CO4: Isolate lymphocytes for culturing.
CO5: Isolate macrophages from blood for culturing.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5065)
Course Title: Bioprocess Engineering-A (Theory)

Semester: V

Course outcomes: After passing this course the student will be able to:

CO1: Understand the fundamental principles of chemical Engineering and biochemical engineering.

CO2: Study the Microbial Growth Kinetics.

CO3: Learn about different types of microbial culture: Batch, Fed batch and continuous culture.

CO4: Study the effect of temperature, pH and inducer on product synthesis.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5065(P)

Course Title: Bioprocess Engineering-A (Practical)

Semester: V

Course outcomes: After passing this course the student will be able to:

CO1: To study the growth curve of microorganism.

CO2: To determine the specific growth rate and generation time of a bacterium during submerged fermentation.

CO3: To study the effect of temperature, pH and aeration on growth of microbes.

CO4: Produce an enzyme in a Bioreactor/shaking flask.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5066)

Course Title: Biophysical & Biochemical Techniques-A (Theory)

Semester: V

Course outcomes: course outcomes about the basic principles of sedimentation.

CO1: Study the different types of centrifugation machines and rotors.

CO2: Understand the principles of different types of chromatography (Paper, column, ionexchange etc).

CO3: Understand the principles of single and double beam UV/Visible spectroscopy.

CO4: Understand the basic principle and instrumentation of NMR and ESR.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM -5066(P)

Course Title: Biophysical & Biochemical Techniques-A (Practical)

Semester: V

Course outcomes:: After passing this course the student will be able to:

CO1: Separate bio-molecules by paper chromatography.

CO2: Separate bio-molecules by thin layer chromatography.

CO3: Separate proteins by ion-exchange column chromatography.

CO4: Separate proteins by affinity column chromatography.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5087)

Course Title: Physical, Organic & Inorganic Aspects of Spectroscopy-A (Theory)

Semester: V

Course outcomes: Course outcomes: Students will be able to:

CO1: understand the various regions of electromagnetic spectrum and use of it in spectroscopic studies.

CO2: understand basic features of different spectrometers.
CO3: explain the phenomenon of Fluorescence and Phosphorescence.
CO4: explain the common terms related to UV and IR spectroscopy like Chromophore, auxochromes, force Constant, vibrational Coupling, field Effect.
CO5: use UV and IR spectroscopy data in elucidating the chemical structure of a compound.
CO6:apply the various selection rules of UV and IR Spectroscopy, explain the common terms related to UV and IR spectroscopy like Chromophore, auxochromes, force Constant, vibrational Coupling, field Effect.
CO7: study the UV and IR spectra of different organic compounds.
CO8: calculate λmax of conjugated and α, ß -unsaturated carbonyl compounds and also understand the factors affecting λmax.
CO9: understand the various sampling Techniques used in spectroscopy.
CO10: solve the numerical problems based on UV and IR spectroscopy.
CO11: understand the various Sampling Techniques used in spectroscopy.
CO12: understand the various applications of UV and IR spectroscopy.

Paper of Course: Bachelor of Science (Bio-Technology)(BBTM-5087)
Course Title: Physical, Organic & Inorganic Aspects of Spectroscopy-A (Practical)
Semester: V
Course outcomes: Students will be able to:
CO1: record and compare IR spectra of various organic compounds.
CO2: compare the UV-Vis spectra of various organic compounds.
CO3: do the preparation and IR characterisation of various inorganic compounds.
CO4: verify Beer Lambert Law for different solutions.

- **B.Sc. (Hons.) Agriculture (Semester-I, III &V)**

Programme Specific Outcomes (PSO)

Course Outcomes (COs)

Paper of Course : B.Sc. (Hons.) Agriculture(BACL-1431)
Course Title : PUNJAB HISTORY & CULTURE (FROM EARLIEST TIMES TO C 320) (Special Paper in lieu of Punjabi compulsory)
Semester: I
Course outcomes: After completing Semester I and course on Punjab History and Culture Students of History will be able to identify a complete grasp on the sources & writings of Ancient Indian History of Punjab.
CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO2: Identify and analyse the Buddhist, Jain and Hindu faith in the Punjab
CO3: Analyse the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy.
CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application in present times.

Paper of Course : B.Sc. (Hons.) Agriculture(BJML/BFDL/BHSL/BCAL/BITL/ BBTL/ BACL/ BOML/ BOPL/ BVRL/BVML/BVAL/BVTL/BVNL/BVBL/BVPL-1102
Course Title : COMMUNICATION SKILLS IN ENGLISH (Theory)
Semester: I
Course outcomes: At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability torealise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Paper of Course : B.Sc. (Hons.) Agriculture
Course Title : FUNDAMENTALS OF HORTICULTURE (THEORY)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1: understand horticulture, its branches, importance and scope.
CO2: understand botanical classification; climate, soil, irrigation methods and fertilizer application of horticultural plants.
CO3: understand plant propagation-methods and propagating structures.
CO4: understand plant physiological aspects from seed germination to seed formation.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1013)
Course Title : FUNDAMENTALS OF HORTICULTURE (PRACTICAL)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1: apply concepts of horticulture science to select, manage, and improve plants and their products.
CO2: demonstrate competence with laboratory and/or field-based technologies used in modern horticulture.
CO3: gain skills for nursery and orchard establishment.
CO4:.quantify economic importance of plants in managed ecosystems and the impact of horticultural crops in food system.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1014)
Course Title : FUNDAMENTALS OF PLANT PATHOLOGY (THEORY)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1: understand different disease causal agents, their characteristics and identification and classification.
CO2: understand how to identify and sustainability manages plant diseases in various production systems.
CO3: understand binomial system of nomenclature, rules of nomenclature, classification of fungi.
CO4: understand epidemiology -factors affecting disease development as well as principles and methods of plant disease management.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1014)
Course Title : FUNDAMENTALS OF PLANT PATHOLOGY (PRACTICAL)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1: understand different laboratory equipments and microscopy.
CO2:understand the principles of host-pathogen interactions and how diseases occur in plants.
CO3: understand the defense mechanisms plants have against plant pathogens and how to manipulate the host-pathogen interaction to reduce and manage diseases.
CO4: differentially diagnose the actual cause or pathogen and suggest management practices.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1014)
Course Title : FUNDAMENTALS OF SOIL SCIENCE (THEORY)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1: evaluate basic nature of soil, its physical and chemical properties in the context of soil health.
CO2: assess the importance of special variability on soil type.
CO3: determine soil fertility andidentify nutrientdeficiency.
CO4: apply knowledge in reclamation of problematic soil.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1015)
Course Title : FUNDAMENTALS OF SOIL SCIENCE (PRACTICALS)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to: CO1:understand the basic and applied chemical, physical, andbiological concepts in soil.

CO2: quantify the soil characteristics and identify the nutrient deficiencies.
CO3:evaluate basic soil chemical properties in the context of soil.
CO4: evaluate soil physical parameter important for plant growth.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1016)
Course Title : INTRODUCTION TO FORESTRY (THEORY))
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to: CO1:describe basic concept of forestry and Indian Forest Policies.
CO2: practice the regeneration of forest species.
CO3: perform measurement of various growth parameters of forest species.
CO4: apply concept of agri-silviculture for ensuring food security.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1016)
Course Title : INTRODUCTION TO FORESTRY (PRACTICALS)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to
CO1: understand forest mensuration: objectives, diameter measurement, instruments used in diameter measurement.
CO2: understand instrumental methods of height measurement - geometric and trigonometric principles, instruments used in heightmeasurement.
CO3: understand tree stem form, form factor, form quotient, measurement of volume of felled and standing trees, age determination of trees.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1017)
Course Title : FUNDAMENTALS OF AGRONOMY (THEORY)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1:explain the basic concepts of agronomic practices.
CO2: classify different agronomical crops and explain the tillage implements.
CO3: understand the production of technologies of major crops
CO4: identify the different types of cropping systems and constraints to efficient production of crops.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1017)
Course Title : FUNDAMENTALS OF AGRONOMY (PRACTICALS)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1: develop skills to identify the soil moisture levels, seed germination factors
CO2: develop skills to use tillage equipments, herbicide and fertilizer application
CO3: understand weeds their importance, classification, crop weed competition, concepts of weed management, principles and methods.
CO4: herbicides their classification, selectivity and resistance, allelopathy.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1018)
Course Title : RURAL SOCIOLOGY & EDUCATIONAL PSYCHOLOGY
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1:comprehend the concept and principles of effective extension.
CO2: identify the organizational set up of agricultural extension.
CO3: become a team leader and be a project management specialist.
CO4: understand the concept of adoption diffusion of motivation, planning and evaluation.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1059)
Course Title : INTRODUCTORY BIOLOGY (THEORY)
Semester: I
COURSE OUTCOMES (CO): After passing this course the student will be able to:
CO1:understand the living world, diversity and characteristics of life, origin of life, evolution and eugenics.
CO2: understand binomial nomenclature and classification cell and cell division.
CO3: understand morphology of flowing plants. Seed and seed germination.
CO4: understand plant systematic Brassicaceae, Fabaceae and Poaceae.
CO5: understand role of animals in agriculture.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1059)
Course Title : INTRODUCTORY BIOLOGY
Semester: I
Course Outcomes: After passing this course the student will be able to:
CO1:Understand the living world, diversity and characteristics of life, origin of life, evolution and eugenics.
CO2: Understand binomial nomenclature and classification cell and cell division.
CO3: Understand morphology of flowing plants. Seed and seed germination.
CO4: Understand plant systematic Brassicaceae, Fabaceae and Poaceae.
CO5: Understand role of animals in agriculture.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-1339)
Course Title : ELEMENTARY MATHEMATICS
Semester: I
COURSE OUTCOMES (CO): After the successful Completion of this program the students will be able to:
CO1: Understand the concept of Distance formulae, equation of coordinate axes, equation of lines parallel to axes, slope and intercept form of equation of line and manage to find angles between the straight lines.
CO2: Explain general equation of a circle and demonstrate equation of a circle passing through three given points.
CO3: Understand the basis of matrices and algebra of matrices and apply determinants and its properties to find inverse of matrix up to 3rd order.
CO4: Recognize algebraic, exponential, logarithmic function and will come to know how to calculate their differentiation and apply derivatives of sum, difference, product and quotient of two functions.

Paper of Course : B.Sc. (Hons.) Agriculture (BACL-1010)
Course Title : AGRICULTURAL HERITAGE

Semester: I

COURSE OUTCOMES (CO): After passing this course the student will be able to:

CO1: understand the traditional Indian agriculture.

CO2: distinguish between past and current agriculture conditions.

CO3: differentiate between traditional and modern agricultural technologies.

CO4: elaborate the scope and future prospects of agricultural sciences.

Paper of Course : B.Sc. (Hons.) Agriculture (SECH-1543)

Course Title : HUMAN VALUES AND ETHICS (THEORY)

Semester : I

COURSE OUTCOMES (CO): After passing this course the student will be able to:

CO1: understand universal human aspirations happiness and prosperity, human values and ethics.

CO2: understand fundamental values, ethics, ICT, sensitization towards others - senior citizens, developmentally challenged and gender.

CO3: understand spirituality, positive attitude and scientific temper, team work and volunteering.

CO4: understand rights andresponsibilities, human relations, family harmony, drug abuse problem and other social evils.

Paper of Course : B.Sc. (Hons.) Agriculture (AECD-1161)

Course Title : DRUG ABUSE: PROBLEM MANAGEMENT AND PREVENTION

Semester: I

COURSE OUTCOMES (CO): After passing this course the student will be able to:

CO1.This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;

CO2. How to be supportive during the detoxification and rehabilitation process.

CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.

CO4.Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3011)

Course Title : CROP PRODUCTION TECHNOLOGY-I (KHARIF CROPS) (THEORY)

Semester: III

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: Learn about basic principles of crop production practices of kharif crops.

CO2: Understand about cultural operations for raising kharif crops.

CO3: Precisely understand about qualitative and quantitative input requirements for Kharif crop production.

CO4: Learn about various management practices for commercial crop production

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3011)

Course Title : CROP PRODUCTION TECHNOLOGY-I (KHARIF CROPS) (PRACTICAL)

Semester: III

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: Raise nursery of rice crop and do transplanting.

CO2: Learnabout sowing, nutrient requirements of various kharif crops.
CO3: Realize the effect of seed size and sowing depth on germination of seeds and develop the idea of yield contributing factors and its calculation.
CO4: Identify various problematic weeds of kharif crops and their management.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3012)
Course Title : FUNDAMENTALS OF PLANT BREEDING (THEORY)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Understand about the genetic basis and methods of breeding of selfpollinated & cross pollinated crops.
CO2: Understand the concept of polyploidy, mutation, DNA markers and marker assisted selection in plant breeding.
CO3: Learn the application of plant breeding techniques for crop improvement.
CO4: Learn about IPR, patenting, Plant Breeders & Farmer's Rights.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3012)
Course Title : FUNDAMENTALS OF PLANT BREEDING (PRACTICAL)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Understand floral morphology of self and cross pollinated crops and germplasm variations.
CO2: Learn emasculation & hybridization techniques in self & cross pollinated crops
CO3: Study different breeding methods for crop improvement and procedures for evaluating performance of crops
CO4: Utilize statistical methods, various designs used in plant breeding.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3013)
Course Title : INTRODUCTORY AGROMETEOROLOGY & CLIMATE CHANGE (THEORY)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Have understanding about earth's atmosphere, climate and weather parameters.
CO2: Learn about precipitation, monsoon status of India and concept of artificial rainmaking.
CO3: Learn about the significance of weather and weather hazards in crop production.
CO4: Understand the process of weather forecasting, climate change and its widespread impact on agriculture.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3013)
Course Title : INTRODUCTORY AGROMETEOROLOGY & CLIMATE CHANGE (PRACTICAL)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: develop understanding about various meteorological instruments and their working.
CO2: Acquire skills in measuring radiation, air and soil temperature, atmospheric pressure, wind speed and direction.

CO3: Learn about determination of vapor pressure and relative humidity, dew point temperature.
CO4: understand about evapotranspiration, soil water balance and rainfall variation and heat units and measuring precipitation.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3014)
Course Title : PRODUCTION TECHNOLOGY FOR VEGETABLES AND SPICES (THEORY)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Understand importance of vegetables & spices in human nutrition and national economy.
CO2: Learn about origin, area, production, cultural practices and seed production of important vegetable groups.
CO3: Learn about origin, area, production, cultural practices and seed production of important spices. CO4: Learn about harvesting technique and post-harvest handling and economics of commercial vegetable and spice cultivation.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3014)
Course Title : PRODUCTION TECHNOLOGY FOR VEGETABLES AND SPICES (PRACTICAL)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Identify various vegetable crops & their seeds.
CO2: Learn about nursery raising & transplanting techniques.
CO3: Plan and lay out vegetable garden and production practices
CO4: Learn about harvesting technique and post-harvest handling and economics of commercial vegetable and spice cultivation.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3015)
Course Title : PRINCIPLES OF SEED TECHNOLOGY (THEORY)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Learn about maintenance of genetic purity and quality seed production.
CO2: Have sound knowledge of different breeding tools used in seed production
CO3: Learn about different seed testing methods, the process of seed certification and seed act.
CO4: Learn about seed processing, packing, storage, pest control and marketing.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3015)
Course Title : PRINCIPLES OF SEED TECHNOLOGY (PRACTICAL)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Learn seed production in major cereals, pulses, oilseeds and vegetable crops.
CO2: Experience seed sampling and testing technique.
CO3: Acquire information about seed certification process.

Paper of Course : B.Sc. (Hons.) Agriculture (BACL-3016)
Course Title : PROBLEMATIC SOILS AND THEIR MANAGEMENT (THEORY)
Semester: III

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: Learn about the soil quality, health, wasteland and problematic soils in India.

CO2: Learnabout reclamation procedures of problematic soils and bioremediation.

CO3: Have knowledge about quality & standards of irrigation water and utilization of saline water in Agriculture.

CO4: Understand the importance of Remote Sensing & GIS in diagnosing and managing problem soils.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3177)
Course Title : AGRICULTURAL FINANCE AND CO-OPERATION (THEORY)
Semester: III

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: Understand the concept of Agricultural Finance& Agricultural credit.

CO2: Have knowledge about various sources of agricultural finance and microfinancing.

CO3: Learn about various finance institutions like NABARD, RBI, ADB, IMF, World Bank etc

CO4: Describe the concept of Agricultural Co-operation in India.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3177)
Course Title : AGRICULTURAL FINANCE AND CO-OPERATION (PRACTICAL)
Semester: III

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: Analyse the progress and performance of co-operatives from published data.

CO2: Acquire knowledge about management, schemes and procedures of commercial banks, co-operative banks and societies.

CO3: Estimate the credit requirement of farm business, analyze balance sheet and income statement.

CO4: Understand techno-economic parameters for preparation of projects and appraisal procedures of loan proposal.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3138)
Course Title : STATISTICAL METHODS (THEORY))
Semester: III

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: Get introduced with Statistics and its application in Agriculture.

CO2: Learn about graphical representation of data, measures of central tendancy & dispersion, correlation & regression.

CO3: Get familiarize with test of significance, chi-square test, ANOVA test etc.

CO4: Know about various sampling methods.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-3138)
Course Title : STATISTICAL METHODS (PRACTICAL)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Learn about graphical representation of data.
CO2: Practice measures of central tendancy and dispersion of various forms of data.
CO3: Get introduced with moments, correlation & regression analysis.
CO4: Acquaint with the knowledge of one-sample and two-sample t-test, chisquare test.
CO5: Learn about One way ANOVA.

Paper of Course : B.Sc. (Hons.) Agriculture (AECE-3229)
Course Title : ENVIRONMENTAL STUDIES AND DISASTER MANAGEMENT (THEORY)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Understand about value of natural resources like forest, water, minerals, energy, land and associated problems
CO2: Basic ecological principles, ecosystem and its functions
CO3: Learn about conservation of biodiversity, environmental pollution in relation with human population and other social issues.
CO4: Learn all about natural as well as man made disasters and their management practices.

Paper of Course : B.Sc. (Hons.) Agriculture (AECE-3229)
Course Title : ENVIRONMENTAL STUDIES AND DISASTER MANAGEMENT (PRACTICAL)
Semester: III
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Understand pollution problems through case studies and field work.
CO2: Acquire skills in documentation of various environmental assets.
CO3: Learn about biodiversity in relation to different habitats and study different ecosystem.
CO4: Learn about dealing in emergency about with natural calamities.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5011)
Course Title : CROP IMPROVEMENT-I (KHARIF CROPS) (THEORY)
Semester: V
COURSE OUTCOMES (CO): After the course students will be able to:
CO1: recognize the biodiversity in kharifcrops and understand the floral morphology.
CO2: identify characteristics of self- and cross-pollinated plants.
CO3: master various techniques in varietal development in kharif crops. CO4: maintain the germplasm for the improvements in varieties.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5011)
Course Title : CROP IMPROVEMENT-I (KHARIF CROPS) (PRACTICAL)

Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1:Understanding floral biology of major commercial crops & various hybridization techniques.

CO2: identify characteristics of self- and cross-pollinated plants.

CO3: master various techniques in varietal development in kharif crops.

CO4: maintain the germplasm for the improvements in varieties.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5012)

Course Title : PRINCIPLES OF INTEGRATED PEST AND DISEASE MANAGEMENT (THEORY)

Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: develop an expertise in identification ofcrop pests, disease causing organisms and losses caused by them.

CO2: analyze varied measures for management of pest and diseases in kharifcrops.

CO3: develop aplan for ecologically sound pest management tactics.

CO4: justify the short and longer benefits of blended management approach for pests and diseases productivity.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5012)

Course Title : PRINCIPLES OF INTEGRATED PEST AND DISEASE MANAGEMENT (PRACTICAL)

Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: identify major insect pests and diseases of different crops.

CO2: estimate plant diseases and yield losses of crops.

CO3: develop strategies and tactics of IPM, pest monitoring and decision making.

CO4:compare the benefits of pest and diseases management with IPM.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5012)

Course Title : PRINCIPLES OF INTEGRATED PEST AND DISEASE MANAGEMENT (PRACTICAL)

Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:

CO1: identify major insect pests and diseases of different crops.

CO2: estimate plant diseases and yield losses of crops.

CO3: develop strategies and tactics of IPM, pest monitoring and decision making.

CO4:compare the benefits of pest and diseases management with IPM.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5013)
Course Title : MANURES, FERTILIZERS AND SOIL FERTILITY MANAGEMENT (PRACTICAL)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: interpret soil analytical data with a view to predicting fertilizer requirements.
CO2:demonstrate advanced knowledge of the soil-plant system to improve plant growth and yield.
CO3: interpret soil analytical data with a view to predicting fertilizer requirements.
CO4: work out the details for integrated soil nutrient management optimizing organic, inorganic and biological components.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5014)
Course Title : PESTS OF CROPS AND STORED GRAIN AND THEIR MANAGEMENT (THEORY)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: identify the insect pests on various crops and stored grains
CO2: be judgmental in deciding about proper time of pest management based on bionomics and their nature of damage.
CO3: select appropriate safe pesticide and calculate doses and techniques for pesticides applications.
CO4: devise the pest management techniques in storage of grain and food products.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5014)
Course Title : PESTS OF CROPS AND STORED GRAIN AND THEIR MANAGEMENT (PRACTICAL) Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: identify the insect pests on various crops and stored grains.
CO2: select appropriate safe pesticide and calculate doses and techniques for pesticides applications.
CO3: devise pest management strategies for agricultural and horticultural crops.
CO4: devise the pest management techniques in storage of grain and food products.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5015)
Course Title : DISEASES OF FIELD AND HORTICULTURAL CROPS AND THEIR MANAGEMENT –I (THEORY)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: acquire scientific knowledge about diseases and disorders of field & fruit crops.
CO2: apply knowledge to identify and solve problems based on disease symptoms produced during different stages of field & fruit crops plant development.
CO3: gain awareness about disease cycle of various pathogens associated with field & fruit crop disease.
CO4: extend their knowledge over disease associated with tropical and temperate fruit crops.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5015)
Course Title : DISEASES OF FIELD AND HORTICULTURAL CROPS AND THEIR MANAGEMENT –I (PRACTICAL)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: acquire scientific knowledge about diseases and disorders of field & fruit crops.
CO2: apply knowledge to identify and solve problems based on disease symptoms produced during different stages of field & fruit crops plant development.
CO3: gain awareness about disease cycle of various pathogens associated with field & fruit crop disease.
CO4: Gain familiarity with regard to field- and lab-based approaches for the diagnosis of diseases and pathogens in field & fruit crops.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5016)
Course Title : POST-HARVEST MANAGEMENT AND VALUE ADDITION OF FRUITS AND VEGETABLES (THEORY)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: understand the causes of postharvest loss and changes in fruits and vegetables.
CO2: describe different storage techniques for horticultural produce.
CO3: discuss principle and methods of processing or value addition.
CO4: prepare value added product from fruit and vegetable.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5016)
Course Title : POST-HARVEST MANAGEMENT AND VALUE ADDITION OF FRUITS AND VEGETABLES (PRACTICAL)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: understand the causes of postharvest loss and changes in fruits and vegetables.
CO2: describe different storage techniques for horticultural produce.
CO3: discuss principle and methods of processing or value addition.
CO4: prepare value added product from fruit and vegetable.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5017)
Course Title : PRINCIPLES OF ORGANIC FARMING (THEORY)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Learn about basic principles of organic farming.
CO2: optimize the soil nutrients utilizing organic and biological means for raising kharifcrops.
CO3: Precisely understand about qualitative and quantitative input requirements for Kharifcrop production and ecologically sound.
CO4: Learn about various management practices for commercial crop production with more dependence on organic inputs.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5017)
Course Title : PRINCIPLES OF ORGANIC FARMING (PRACTICAL)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: identify the key components of organic farming.
CO2: optimize the soil nutrients utilizing organic and biological means for raising kharifcrops.
CO3: Precisely understand about qualitative and quantitative input requirements forkharifcrop production and ecologically sound.
CO4:analyze the information about the Operational structure of NPOP.

Paper of Course : B.Sc. (Hons.) Agriculture (BACP-5018)
Course Title : PRACTICAL CROP PRODUCTION – I (KHARIF CROPS) (PRACTICAL)
Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: describe intercultural operations of different kharif crops.
CO2: grasp bout cultural operations for raising kharif crops.
CO3: demonstrate plant protection measures of different crops.
CO4: calculate economics of different crops for commercial crop production.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5099)
Course Title : ENTREPRENEURSHIP DEVELOPMENT AND BUSINESS COMMUNICATION (THEORY) Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: understand entrepreneurship and business start-up planning.
CO2:prepare a concept to identify the business skills, potential team members, partners, customers and investors.
CO3:develop a sound knowledge about legal and ethical business.
CO4:analyze basic skills to start their enterprises communicate effectively both orally and in business writings as well deliver effective presentations.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5099)
Course Title : ENTREPRENEURSHIP DEVELOPMENT AND BUSINESS COMMUNICATION (PRACTICAL) Semester: V
COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: understand entrepreneurship and business start-up planning.
CO2:prepare a concept to identify the business skills, potential team members, partners, customers and investors.
CO3:develop a sound knowledge about legal and ethical business.
CO4:analyze basic skills to start their enterprises communicate effectively both orally and in business writings as well deliver effective presentations.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5010)
Course Title : MICRO PROPAGATION TECHNOLOGIES (THEORY)
Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: Learn about basic principles of crop production practices of kharifcrops.
CO2: Understand about cultural operations for raising kharifcrops.
CO3: Precisely understand about qualitative and quantitative input requirements for kharifcrop production.
CO4: Learn about various management practices for commercial crop production.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5010)
Course Title : MICRO PROPAGATION TECHNOLOGIES (PRACTICAL)
Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: demonstrate the knowledge of the tissue culture maintenance techniques.
CO2: use lab equipment and develop expertise in culture media preparation sterilization and raising callus from organ explants.
CO3: successfully maintain cultures with good viability, minimal contamination and appropriate documentation.
CO4: recognize and troubleshoot problems common to routine cell culture.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5010)
Course Title : MUSHROOM CULTIVATION (THEORY)
Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1:will gain necessary competencies for isolating and culturing the different species of edible fungus.
CO2: develop mushroom spawn under lab conditions as pure culture.
CO3:become skillful for mushroom cultivation under natural environmental conditions.
CO4: identify the various pest and disease conditions in mushroom houses.

Paper of Course : B.Sc. (Hons.) Agriculture (BACM-5010)
Course Title : MUSHROOM CULTIVATION (PRACTICAL)
Semester: V

COURSE OUTCOMES (CO): After passing this course student will be able to:
CO1: will gain necessary competencies for isolating and culturing the different species of edible fungus.
CO2: develop mushroom spawn under lab conditions as pure culture.
CO3: become skillful for mushroom cultivation under natural environmental conditions.
CO4: identify the various pest and disease conditions in mushroom houses.

• FACULTY OF ECONOMICS & BUSINESS

Masters of Commerce

Programme Specific Outcomes (PSO)

On successful completion of this Programme, it would:

PSO1: serve as basis for higher studies and research such as Ph.D and M.Phil. degree in Commerce and Management.

PSO2: develop self-confidence and awareness of general issues prevailing in the society.

PSO3: help students to pursue research in various socio-economic issues.

PSO4: give industry exposure to the students which would prepare them for their entrepreneurial journey.

PSO5: prepare students for wide variety of careers dealing in money from accountant to investment banker, money manager to personal finance consultant.

PSO6: help students to apply for UGC-NET or JRF exam, the success in which would help students to opt for teaching as their career or to pursue research.

Course Outcomes (COs)

Paper of Course **:** Master of Commerce (MCML-1171)

Course Title **:** Managerial Economics)

Semester: I

After passing this course, students will be able to:

CO1: learn the effective use of micro and macroeconomic tools and concepts in managerial decision making.

CO2: have in-depth knowledge of theories of consumer behaviour, cost and market structure, production decisions.

CO3: learn preliminary concepts of macroeconomics.

Paper of Course **: Master of Commerce (MCML: 1092)**

Course Title **: Management Accounting and Control Systems**

Semester: I

Course Outcomes: After successful completion of this course, students will be able to –

CO1: identify, use and interpret the results of costing techniques appropriate to different activities.

CO2: analyse the financial position of a business organization using various techniques such as ratio analysis and cash flow statement.

CO3: formulate and use budgets and standards for planning and control purposes.

CO4: understand the role of responsibility accounting and performance measurement.

CO5: understand the concept of transfer pricing systems.

Paper of Course : Master of Commerce (MCML: 1093)
Course Title : Management Principles and Organization Behavior
Semester: I
Course Outcomes: After successful completion of this course, students will be able to –
CO1: understand fundamental concepts and principles of management, including the basic roles and skills of a manager.
CO2: demonstrate a basic understanding of management functions such as planning organizing, leading and controlling; and how successful managers effectively and efficiently use these functions and their business resources to achieve organizational objectives.
CO3: demonstrate a thorough knowledge and understanding of organizational behavior.
CO4: define, explain and illustrate a range of organizational behavior theories.
CO5: analyze the behavior of individuals and groups in organizations in terms of organizational behavior theories, models and concept.
CO6: apply organizational behavior concepts, models and theories to real life management situations through case analysis.

Paper of Course : Master of Commerce (MCML: 1094)
Course Title : Business Environment
Semester: I
Course Outcomes: After successful completion of this course, students will be able to:
CO1: analyze the environment of a business from the legal & regulatory, macroeconomic, cultural, political, technological and natural perspectives.
CO2: critically assess the business environment of an organization using selected strategic tools.
CO3: conduct an in-depth analysis of specific components of the business environment and relate it to an organization.
CO4: construct and present scenarios that synthesize business environment information

Paper of Course : Master of Commerce (MCMM –1095)
Course Title : Statistical Analysis for Business
Semester: I
Course Outcomes: After successful completion of this course, students will be able to –
CO1: identify, use and interpret the results of statistical tools and techniques.
CO2: analyze the type of techniques that can be used for primary as well as secondary data collection.
CO3: formulate and use questionnaire for survey and data collections
CO4: understand the ways of conducting surveys and carry out research.
CO5: understand the concept of probability theory and distributions.

Paper of Course : Master of Commerce (MCML-3091)
Course Title : Banking and Insurance Services
Semester: III
Course Outcomes: After passing this course the students will be able to:

Co1: have Banking and Insurance knowledge and skills together with technology-familiarity and customer-orientation.
Co2: understand various services offered and various risks faced by banks.
Co3: become aware of various banking innovations after nationalization.
Co4: have an overview of insurance industry.
Co5: become conversant with various principles, provisions that govern the Life and General Insurance Contracts.
CO6: get placements in banking and insurance sectors.

Paper of Course : Master of Commerce (MCML-3092**)**
Course Title : Business Studies (Option BI) Strategic Management
Semester: III
Course Outcome: On successful completion of this course, students will be able to:
CO1: Have conceptual understanding of Strategy, Strategic Management and the process of Strategic Management.
CO2: Analyse External and Internal Environment using different models like Porter's Penta Forces Model, VRIO, Value Chain analysis and External and Internal Evaluation Matrix.
CO3: Understand Business level, Corporate level and Portfolio Strategies.
CO4: Understand the procedure of Strategic Implementation, Evaluation and Control.
CO5: Get an Overview of Corporate Governance and Social Responsibilities of Business.

Paper of Course : Master of Commerce (MCML-3093**)**
Course Title : GROUP 'B': Business Studies MCML-3093 (Option BII) Security Market Operations
Semester: III
Course Outcomes: After successful completion of this course, students will be able to:
CO1: define the role of financial markets at macro level.
CO2. understand the practical aspects of primary and secondary market operations.
CO3. know about various technical terms used in the stock market.
CO4. know about the role of various entities involved in the trading process of stock market.
CO5. make their career in stock market/broking houses.

Paper of Course : Master of Commerce (MCML-3094**)**
Course Title : GROUP 'D': Marketing (Option DI) Consumer Behaviour
Semester: III
Course Outcome After passing this course, the students will be able to:
CO1: understand what consumer behaviour is and the different types of consumers.
CO2: understand the relationship between consumer behaviour and consumer value, satisfaction, trust and retention.
CO3: establish the relevance of consumer behaviour theories and concepts to marketing decisions.
CO4: make marketing strategies to satisfy the needs and wants of consumers in a better way.

CO5: learn about psychological process behind the behaviour of their consumers and how they make decisions.

Paper of Course : Master of Commerce (MCML-3095**)**

Course Title : GROUP 'D': Marketing (Option DII) Retail Management

Semester: III

Course Outcome :

Masters of Commerce (Semester – III) Session 2020-21 Course Outcomes: After passing this course, the students will be able to:

CO1: get an overview of retail industry and role that retailing plays in the distribution component of marketing mix.

CO2: understand how to use marketing tools and techniques to interact with their customers.

CO3: learn about psychological process behind the behaviour of their consumers and how they make decisions.

CO4: get acquainted with the role & responsibilities of retail manager.

CO5: understand the process of merchandise planning and methods of merchandise procurement.

Paper of Course : Master of Commerce (MCML-3096**)**

Course Title : SEMINAR

Semester: III

Course Outcome :On successful completion of this course, students will be able to:

CO1: develop strong communication skills.

CO2: develop the skills that will help in enhancing and shaping their thoughts and creativity.

CO3: improve their conceptual knowledge and develop critical thinking.

• Master of Arts (Economics) SemesterI& III

Programme Specific Outcomes (PSO)

Program Specific Outcome – Master of Arts (Economics) MASTER OF ARTS (ECONOMICS) is two year post graduate course with five subjects in each semester. The basic objective of MASTER OF ARTS (ECONOMICS) is to develop strong theoretical base along with practical skills of students associated with economic theories and real world internal as well as international economic problems. This course will help to develop academicians, researchers, analysis, bankers and anchors Upon successful completion of this course, students will be able to:

PSO1: have in depth understanding of the basic concepts and theories of various streams of Economics. PSO2: learn basic and advance data analysis techniques and their theoretical base.

PSO3: learn and understand basic problems and issues of Indian and Punjab Economy.

PSO4: learn latest developments in different streams of Economics.

Course Outcomes (COs)

Paper of Course : MASTER OF ARTS (ECONOMICS) MECL-1171
Course Title : Microeconomics-I
Semester: I

Course Outcome After passing this course students will be able to:

CO1:understanding the behaviour of individuals and small organizations in making decisions on the allocation of limited resources.

CO2:explain what is meant by economic efficiency and the mechanism by which competitive markets lead to an efficient allocation of resources.

CO3: recognize that how markets fail to efficiently allocate resources in the presence of externalities, market power, and imperfect information.

Paper of Course : MASTER OF ARTS (ECONOMICS) MECL-1172
Course Title : Macroeconomics-I
Semester: I

Course Outcome: After passing this course students will be able to:

CO1: understand the basics of national income accounting and theoretical details of classical and Keynes model of income & employment determination.

CO2: understand the introductory theories of consumption and investment and factor affecting consumption and investment decisions.

CO3: understand factors affecting supply and demand for money.

Paper of Course : MASTER OF ARTS (ECONOMICS) MECL-1453
Course Title : Quantitative Methods for Economists–I
Semester: I
Course Outcome
CO 1: Recognize the concept of functions and rules of differentiation and apply this to find out revenue, cost, demand, supply function, elasticity and their types.
CO 2: Understand the rule of partial differentiation and interpretation of partial derivatives.
CO 3: Manage to solve the problem related to maxima and minima in single and multivariable functions for application in market equilibrium.
CO4: Learn concepts of integration and its applications to consumer‟s surplus and producer‟s surplus.
CO 5: Determine the solution of simultaneous equation through crammer‟s rule and understand the concept of quadratic forms, Eigen roots and Eigen vectors.
CO 6: Recognize linear programming problem and its formulation and solution through graphical and simplex methods.
CO 7: Well understanding the concept of duality, concept of a game, saddle point solution and its simple applications in economics.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-I (Public Finance)
Semester: I
Course Outcome After passing this course students will be able to:
CO1: analyze the functioning of modern public finance to predict and verify the effects of government intervention on behavior of individuals, households and firms.
CO2: understand the fiscal policy principles and demonstrate a good understanding of the fiscal framework for taxing and spending.
CO3: classify public revenues and expenditures through the budget and to analyze the instruments and objectives of budgetary policy.
CO4: analyze critically tax reforms and policy choices in developed and developing countries.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-II (Economics of Labour)
Semester: I
Course Outcome After passing this course students will be able to:
CO1: understand labour market issues and theories.
CO2: analyze trends and pattern in the labour market and understand wage and social security scheme structure.
CO3:analyze a variety of public policy issues revolving around labour in India.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-III (Theory of Statistics)
Semester: I
Course Outcome After passing this course students will be able to:

CO1: understand the various probability distributions, importance of its underlying assumptions and its applications

CO2:learn the procedure of hypothesis testing and identify appropriate parametric and nonparametric tests for analyzing data.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-IV (Money, Banking and Finance)
Semester: I
Course Outcome: Course Outcomes: After passing this course students will be able to:
CO1:demonstrate an understanding of nature of money and the role of financial markets in the economy.
CO2:understand the role of banks in modern monetary economies and financial Intermediation.
CO3:understand the main policy challenges central banks face in choosing appropriate goals, instruments and targets in the conduct of monetary policy.
CO4:understand the main determinants of interest rates in money market and bond market.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-V (Industrial Economics)
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1:understand the some advance concepts and theories of industrial structure, conduct and performance
CO2: understand the Industrial policy in India – evolution and paradigm shift, recent trends in Indian Industrial growth

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-VI (History of Economic Thought)
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1:understand key models and concepts of the history of economic thought.
CO2: have a historical consciousness of economic ideas.
CO3: understand the development of economic thought in the context of the evolving global economy and from a historical perspective

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-VII (Economics of Socialism)
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1: understand different types of economic system understand the process of socialism, its crisis and problem of socialistic economy in the context of Marxian theory of surplus.
CO2: learn different forms of planning, resource allocation in Planning and relevance of balanced approach and unbalanced approaches of planning.
CO3: understand the system pricing, consumption, management decision in industry and Agriculture and international economic relations in socialistic pattern

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-VIII (Econometrics)
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1: understand the nature and methodology of econometrics.
CO2: understand the OLS procedure of estimation of model and problems associated with it.
CO3: understand basic properties of time series and panel data.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-IX: Economics of Agriculture
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1: understand the various theories of agriculture economics.
CO2: analyze trends in production & productivity and recognize the challenges in green revolution and post green revolution era
CO3:understand food security issues at national and international level and way forward to sustainable agriculture development
CO4: learn the price and marketing policies of agriculture and its implications

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-X (Economics of Public Enterprises)
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1: understand the role of public sector in economic development, objectives scope and growth of public sector in India.
CO2: understand the management of public enterprises and personnel management in public enterprises.
CO3: explain the costs and benefit analysis –Net Present Value and Internal rate of return criteria. CO4: discuss the role of bureau of public enterprises and special committees on Public enterprises.

Paper of Course : MASTER OF ARTS (ECONOMICS) MECM- 1125
Course Title : (OPT- XI) Computer Applications for Economists
Semester: I
Course Outcomes: After passing this course the student will be able to:
COI: understand the Organisation of Computer System and functioning of various units.
CO2:solve simple problems using I/O statements, control statements, looping, arrays and library functions of C programming.
CO3: understand Number systems, conversion from one number to another and floatingpoint arithmetic. CO4: make use of word processing and spreadsheet software.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-XII: Operations Research
Semester: I
Course Outcomes: After passing this course students will be able to:

CO1: gain proficiency with tools from optimization techniques like advanced linear programming, transportation, queuing models and assignment problems.
CO2: understand and propose the best strategy among various strategies of game theory under uncertainty.
CO3: understand the basic replacement models to maximise firms profit or minimize losses.
CO4: use CPM and PERT techniques, to plan, schedule, and control project activities.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-XIII: Economics of Environment and Demography
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1: analyse trends in population growth rate, death rate, birth rate, and urbanisation.
CO2: understand various theories of population growth. CO3: learn the causes and consequences of population growth on different aspects.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-XIV: Economics of Infrastructure
Semester: I
Course Outcomes: After passing this course students will be able to:
CO1: understand the relevance of infrastructure in economic development of country.
CO2: understand key issues and problems with respect to regulation, governance and policies for the infrastructure sector.
CO3: apply key principles, concepts and tools relevant to the economic regulation of infrastructure industries.
CO4:explain how infrastructure solutions affect society, environment, and health.
CO5: apply this knowledge to the analysis of specific energy issues and policies in India. CO6:understand the concepts of Cost- Benefit analysis and its application in the transport sector.
CO7:analyse different government policies for regulation and reform of the infrastructure sector.

Paper of Course : MASTER OF ARTS (ECONOMICS) MECL-3171
Course Title : Economics of Development
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1: demonstrate the understanding of difference between growth and development.
CO2: understand the concept of sustainable economic development and its importance.
CO3: learn hardcore economic prescriptions to development, concerns hitherto relegated to background like education, health, sanitation and infrastructural development.

Paper of Course : MASTER OF ARTS (ECONOMICS) MECL-3172
Course Title : International Economics-I
Semester: III
Course outcome: After passing this course students will be able to:

CO1:have comprehensive, up to date and clear exposition of the theory and principles of International Economics that are essential for understanding, evaluating and suggesting solutions to important international economic problems and issues facing the world.
CO2: answer number of questions such as; -Why do countries trade with each other. -What are effects of trade on welfare and income distribution -What are the effects of various barriers to trade.

Paper of Course : MASTER OF ARTS (ECONOMICS) MECL-3173
Course Title : Indian Economy
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1: understand the Indian development strategy and dynamics of problems of different sectors of Indian Economy
CO2: understand latest developments in social, agriculture, industry and external sector in India.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-I (Public Finance)
Semester: III
Course outcome: After passing this course students will be able to:
CO1: analyze the functioning of modern public finance to predict and verify the effects of government intervention on behavior of individuals, households and firms.
CO2: understand the fiscal policy principles and demonstrate a good understanding of the fiscal framework for taxing and spending
. CO3: classify public revenues and expenditures through the budget and to analyze the instruments and objectives of budgetary policy.
CO4: analyze critically tax reforms and policy choices in developed and developing countries.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-II (Economics of Labour)
Semester: III
Course outcome: After passing this course students will be able to:
CO1: understand labour market issues and theories.
CO2: analyze trends and pattern in the labour market and understand wage and social security scheme structure.
CO3:analyze a variety of public policy issues revolving around labour in India.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-III (Theory of Statistics)
Semester: III
Course outcome: After passing this course students will be able to:
CO1: understand the various probability distributions, importance of its underlying assumptions and its applications

CO2:learn the procedure of hypothesis testing and identify appropriate parametric and nonparametric tests for analyzing data.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-IV (Money, Banking and Finance)
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1:demonstrate an understanding of nature of money and the role of financial markets in the economy.
CO2:understand the role of banks in modern monetary economies and financial Intermediation.
CO3:understand the main policy challenges central banks face in choosing appropriate goals, instruments and targets in the conduct of monetary policy.
CO4:understand the main determinants of interest rates in money market and bond market.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-V (Industrial Economics)
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1:understand the some advance concepts and theories of industrial structure, conduct and performance
CO2: understand the Industrial policy in India – evolution and paradigm shift, recent trends in Indian Industrial growth.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-VI (History of Economic Thought)
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1:understand key models and concepts of the history of economic thought.
CO2: have a historical consciousness of economic ideas.
CO3: understand the development of economic thought in the context of the evolving global economy and from a historical perspective.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-VII (Economics of Socialism)
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1: understand different types of economic system understand the process of socialism, its crisis and problem of socialistic economy in the context of Marxian theory of surplus.
CO2: learn different forms of planning, resource allocation in Planning and relevance of balanced approach and unbalanced approaches of planning.
CO3: understand the system pricing, consumption, management decision in industry and Agriculture and international economic relations in socialistic pattern.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-VIII (Econometrics)
Semester III
Course Outcomes: After passing this course students will be able to:
CO1: understand the nature and methodology of econometrics.
CO2: understand the OLS procedure of estimation of model and problems associated with it.
CO3: understand basic properties of time series and panel data.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-IX: Economics of Agriculture
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1: understand the various theories of agriculture economics.
CO2: analyze trends in production & productivity and recognize the challenges in green revolution and post green revolution era
CO3:understand food security issues at national and international level and way forward to sustainable agriculture development
CO4: learn the price and marketing policies of agriculture and its implications

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-X (Economics of Public Enterprises)
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1: understand the role of public sector in economic development, objectives scope and growth of public sector in India.
CO2: understand the management of public enterprises and personnel management in public enterprises. CO3: explain the costs and benefit analysis –Net Present Value and Internal rate of return criteria.
CO4: discuss the role of bureau of public enterprises and special committees on Public enterprises.

Paper of Course : MASTER OF ARTS (ECONOMICS) MECM- 1125
Course Title : (OPT- XI) Computer Applications for Economists
Semester: III
Course Outcomes: After passing this course the student will be able to:
COI: understand the Organisation of Computer System and functioning of various units.
CO2:solve simple problems using I/O statements, control statements, looping, arrays and library functions of C programming.
CO3: understand Number systems, conversion from one number to another and floatingpoint arithmetic. CO4: make use of word processing and spreadsheet software.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-XII: Operations Research
Semester: III
Course Outcomes: After passing this course students will be able to:

CO1: gain proficiency with tools from optimization techniques like advanced linear programming, transportation, queuing models and assignment problems.
CO2: understand and propose the best strategy among various strategies of game theory under uncertainty.
CO3: understand the basic replacement models to maximise firms profit or minimize losses.
CO4: use CPM and PERT techniques, to plan, schedule, and control project activities.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-XIII: Economics of Environment and Demography
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1: analyse trends in population growth rate, death rate, birth rate, and urbanisation.
CO2: understand various theories of population growth.
CO3: learn the causes and consequences of population growth on different aspects.

Paper of Course : MASTER OF ARTS (ECONOMICS)
Course Title : OPT-XIV: Economics of Infrastructure
Semester: III
Course Outcomes: After passing this course students will be able to:
CO1: understand the relevance of infrastructure in economic development of country.
CO2: understand key issues and problems with respect to regulation, governance and policies for the infrastructure sector.
CO3: apply key principles, concepts and tools relevant to the economic regulation of infrastructure industries.
CO4:explain how infrastructure solutions affect society, environment, and health.
CO5: apply this knowledge to the analysis of specific energy issues and policies in India.
CO6:understand the concepts of Cost- Benefit analysis and its application in the transport sector. CO7:analyse different government policies for regulation and reform of the infrastructure sector.

• Bachelor of Science (Economics) (Semester I, III, V)

Programme Specific Outcomes (PSO)

Program Specific Outcome – Bachelor of Science (Economics) B.Sc. (Economics) is a three year graduation degree program. The program aims at creation and dissemination of knowledge regarding core economic principles and issues; focusing on the link between theory and real world. Upon successful completion of this course, students will be able to:

PSO1: understand the basic concepts and principles of economics.

PSO2: have in depth knowledge of concepts and basic theories of consumer behaviour, cost and market structure, and production behaviour.

PSO3: have in depth knowledge of concepts and basic macroeconomics theories such as employment, consumption, investment and international trade, money, banking, development and public finance.

PSO4: understand basic techniques of presentation and analysis of data; and some advanced applications and theory of theoretical and sampling distribution and econometric estimation methodologies.

PSO5: understand Indian experience with planning and various problems faced by Indian economy and latest developments in Indian economy.

Course Outcomes (COs)

Paper of Course : Bachelor of Science (Economics)

Course Title : Punjab History and Culture (From Earliest Times to C 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester :I

After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of Course : Bachelor of Science (Economics) BECL -1212
Course Title : ENGLISH (COMPULSORY)
Semester :I
COURSE OUTCOMES After passing this course, the students will be able to:
CO 1: appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu
CO 2: comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them
CO 3: understand fundamental grammatical rules governing tenses, the use of modal verbs and make correct usage in their language
CO 4: develop an understanding of translation of written text from Hindi/Punjabi to English
CO 5: independently write paragraphs on any given topic

Paper of Course : Bachelor of Science (Economics) BECM -1333(I)
Course Title : Mathematics (Algebra)
Semester :I
COURSE OUTCOMES :After passing this course, the students will be able to:
CO 1: Distinguish between solution of cubic equations and Bi-quadratic equations.
CO 2: Classify real quadratic form in variables, definite, semi- definite and indefinite real quadratic form.
CO 3: Understand the concept of matrix congruence of skew symmetric matrices and its reduction in real field.
CO 4: Solve system of linear equations and obtain Eigen values, Eigen vectors, minimal and characteristic equation of a matrix and to apply it in advanced dynamics and electric current.
CO 5: To find the relations between the roots and coefficients of general polynomial equation in one variable.

Paper of Course : Bachelor of Science (Economics) BECM -1333(II)
Course Title : Mathematics (Calculus and Trigonometry
Semester :I
COURSE OUTCOMES: After passing this course, the students will be able to:
CO 1: Understand real number system, lub&glb of set of real numbers, limit of a function, basic properties of limit & to apply it in real world problem.
CO 2: Analyse continuous and discontinuous function, Apply concept of continuity in uniform continuity.
CO 3: Manage to solve problems related to successive differentiation, Leibnitz theorem, Taylor's & Maclaurin's theorem with various forms of remainders and to use these expansion to compute values of Sine, Cosine, tangent or log function.
CO 4: Understand the concept of De Moivre's theorem & its applications. Identify circular, hyperbolic function and their inverses and use these function to describe the shape of the curve formed by high voltage line suspended between two towers.
CO 5: Demonstrate exponential and logarithmic function of complex numbers, and to solve Gregory's series and summation of series.

Paper of Course : Bachelor of Science (Economics) BECL-1453
Course Title : Quantitative Techniques (Quantitative Techniques–I)
Semester : I
COURSE OUTCOMES: After the successful completion of this course, the students will be able to
CO 1: Solve linear equations of two variables and its applications in economics, under the quadratic equations, arithmetic progression, geometric progression and their applications in economics.
CO 2: Develop understanding of elements of analytical geometry, straight lines, basic concepts of trigonometry and permutations and combinations.
CO 3: Differentiate between a constant and a variable, graph of linear and quadratic functions and its applications in economics.
CO 4: Recognize derivative of implicit functions, parametric functions, exponential functions, logarithmic functions and how to apply these derivatives in economics theory.

Paper of Course : Bachelor of Science (Economics) BECM-1134
Course Title : COMPUTER SCIENCE (COMPUTER FUNDAMENTALS& PC SOFTWARE)
Semester :I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: have knowledge of Computer components - hardware and software.
CO2: use computer system for general tasks at user level, including operative systems and programming environments.
CO3: gain knowledge on office automation software and recognize when to use a particular office program to create professional and academic documents.

Paper of Course : Bachelor of Science (Economics) BECM-1124
Course Title : COMPUTER APPLICATION (VOCATIONAL) (COMPUTER FUNDAMENTALS & PC SOFTWARE)
Semester :I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: gain knowledge about various generations of computers.
CO2: understand the functionalities of hardware and software parts of the computer system.
CO3: make use of computer as per the need.
CO4: use and configure essential office applications including word processing, spreadsheets etc.

Paper of Course : Bachelor of Science (Economics) BECL-1175
Course Title : Microeconomics
Semester :I
COURSE OUTCOMES CO: After passing this course students will be able tohave an In-depth grounding in the preliminary concepts andtheories in consumer behavior, cost and market structure and production behavior.

Paper of Course : Bachelor of Science (Economics) BECL-3431
Course Title : PUNJAB HISTORY AND CULTURE (FROM 1000-1605 A. D.) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester :III

Course outcomes: After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab

CO 1: To able to construct original historical arguments using a blend of primary and secondary source material

CO 2: To be able to demonstrate the significance of historical topics with reference to broader historical context and their contemporary relevance

CO 3: Students will develop an ability to convey verbally their historical knowledge

CO 4: Students will develop skills in critical thinking and reading

CO 5: To discuss understand and evaluate causes and results of the conflict with Mughals

Paper of Course : Bachelor of Science (Economics)

Course Title : ENGLISH (COMPULSORY)

Semester :III

COURSE OUTCOMES After passing this course, the students will be able to:

CO 1: develop and understanding of the poems taught, relate to the socio-cultural background of England and be able to answer questions regarding tone, style and central idea

CO 2: comprehend the basics of grammatical rules governing relative clauses, adjectives, adverbs, conjunctions and prepositions

CO 3: enhance their reading and analysing power of texts through guided reading CO 4: enrich their vocabulary and use new words in their spoken and written language

CO 5: develop skills to write an essay on a given topic.

Paper of Course : Bachelor of Science (Economics) BECM-3333(I)

Course Title : Mathematics (Analysis)

Semester :III

Course Outcomes After passing this course, the students will be able to:

CO 1: Demonstrate an understanding of limits and how they are used in sequences and series.

CO 2: To understand the concepts of Riemann sum, partitions, upper and lower sums, Riemann integrability of continuous functions and of monotone functions.

CO 3: To know and describe the converging behavior of improper integrals and Beta , Gamma functions.

CO 4: Distinguish between the absolute convergence and conditional convergence.

CO 5: To find the relation between Beta and Gamma functions.

Paper of Course : Bachelor of Science (Economics) BECM-3333(II)

Course Title : Mathematics (Analytical Geometry)

Semester :III

Course Outcomes: After passing this course, the students will be able to:

CO 1: Understand the concept of the geometry of lines and conics in the Euclidian plane.

CO 2: Develop geometry with a degree of confidence and will gain fluency in the basics of Euclidian geometry. CO 3: Sketch conic sections; identify conic sections, their focal properties and classifications.

CO 4: Demonstrate the concept of parabola, ellipse, hyperbola, sphere and the general quadratic equation. CO 5: Understand the concept of coordinate geometry on a wider scale with the help of shifting of origin and rotation of axis.

Paper of Course : Bachelor of Science (Economics) BECL-3453
Course Title : QUANTITATIVE TECHNIQUES–III
Semester :III
Course Outcomes :After passing this course students will be able to:
CO1: understand and apply the concept of differentiation in economic applications such as profit maximization, cost minimization or utility optimization.
CO2: understand and apply the concept of indefinite and definite integrals to the economics concepts like consumer and producer surplus.
CO3: explain and use matrix operations to solve system of equations
Co4: understand the basics of Linear programming.

Paper of Course : Bachelor of Science (Economics) BECM-3134
Course Title : COMPUTER SCIENCE (COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS)
Semester :III
Course Outcomes: After passing this course the student will be able to:
CO1: Understand numerical methods, nonlinear equations, interpolation methods and Simultaneous Solution of Equations.
CO2: Learn about Interpolation and Curve Fitting and Numerical differentiation.
CO3: Learn Correlation, Regression, Bivariate & Multivariate distribution and Interpretation of Trend Analysis

Paper of Course : Bachelor of Science (Economics)
Course Title : COMPUTER APPLICATIONS (VOCATIONAL) (OPERATING SYSTEM)
Semester :III
Course Outcomes: Course Outcomes: After passing this course the student will be able to:
CO1: Understand the basic knowledge of operating system, its types and functions.
CO2: Have knowledge of Unix operating system and its uses.
CO3: Gain knowledge about piping, filters, batch processing, shell programming and vi editors.

Paper of Course : Bachelor of Science (Economics) AECE-3221
Course Title : Environmental studies(Theory) (COMPULSORY PAPER)
Semester :III
COURSE OUTCOMES: After passing this course the student will be able to:
CO1 Demonstrate and Understand the ecological relationships between organisms and their environment.
CO2 Present an overview of diversity of life forms in an ecosystem.¬
CO3 Explain and identify the role of the organism in energy transfers.¬
CO4 Understand the Environmental Pollution and their management.¬
CO5Understanding and awareness for wildlife conservation.¬
CO6Knowledge of conservation of threatened animal species¬

Paper of Course : Bachelor of Science (Economics) BECL-5431
Course Title : Punjab History and Culture (From 1849-1947 A.D) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester :V
COURSE OUTCOMES:- After completing the course student have understanding of Punjab in the pre-independence phase
CO 1:- Students will understand major changes in the Punjab during British Rule CO 2:- They will also know about important agitations and their outcomes on the politics of the Punjab. CO 3:- They will gain knowledge about the society and economy of Punjab
CO 4:-They will be able to evaluate the socio-religious reforms movements of Punjabi society
CO 5:- They will have insights into the details of the partition of Punjab

Paper of Course : Bachelor of Science (Economics) BECL -5212
Course Title : ENGLISH (COMPULSORY)
Semester :V
COURSE OUTCOMES After passing this course, the students will be able to:
CO 1: widen their knowledge about various literary devices used in poetry such as tone, style, imagery, figures of speech, symbolism etc.
CO 2: develop power of imagination and appreciate the beauty, rhyme, and style of a poem
CO 3: analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed play
CO 4: develop an understanding of the insights, genres, conventions and experimentations associated with English Drama
CO 5: develop the knowledge, skills and capabilities for effective business writing such as letter writing and resume writing.

Paper of Course : Bachelor of Science (Economics) BECM -5333(I)
Course Title : Mathematics (Dynamics)
Semester :V
Course Outcomes After passing this course, the students will be able to:
CO 1: Identify the basic relations between distance, time, velocity and acceleration.
CO 2: Explain the relationship between forces and motion. Differentiate between balanced and unbalanced forces and Explain how unbalanced force affect motion.
CO 3: Understand Newton's Laws of Motion and Apply the laws to solve many problems.
CO 4: Discuss the motion of particles connected by a string, motion along a smooth inclined plane. CO 5: Solve different types of problems with Variable Acceleration.
CO 6: Discuss Simple Harmonic Motion and Illustrate it with a variety of examples.
CO 7: Solve Pendulum, Damped and forced Oscillations oscillating system problems.
CO 8: Define Work, Power and Energy and Explain their relationship. Use measurement tools to apply the concepts of Work and power to solve real life problems.
CO 9

Paper of Course : Bachelor of Science (Economics) BECM -5333(I)
Course Title : Mathematics (Dynamics)
Semester :V
Outcomes After passing this course, the students will be able to:
CO 1: Identify the basic relations between distance, time, velocity and acceleration.
CO 2: Explain the relationship between forces and motion. Differentiate between balanced and unbalanced forces and Explain how unbalanced force affect motion.
CO 3: Understand Newton's Laws of Motion and Apply the laws to solve many problems.
CO 4: Discuss the motion of particles connected by a string, motion along a smooth inclined plane.
CO 5: Solve different types of problems with Variable Acceleration.
CO 6: Discuss Simple Harmonic Motion and Illustrate it with a variety of examples.
CO 7: Solve Pendulum, Damped and forced Oscillations oscillating system problems.
CO 8: Define Work, Power and Energy and Explain their relationship. Use measurement tools to apply the concepts of Work and power to solve real life problems.
CO 9: Define Energy and Identify the different types that exist

Paper of Course : Bachelor of Science (Economics) BECL-5453
Course Title : Quantitative Techniques-V
Semester :V
Course Outcome: After the successful completion of this course, the students will be able to
CO 1: understand the process of formulation and of testing the hypothesis.
CO 2: understand the theoretical details of sampling distributions and their basic applications.
CO 3: learn ANOVA to split and analyse the variations in economic phenomenon.

Paper of Course : Bachelor of Science (Economics) BCSM-5134
Course Title : COMPUTER SCIENCE (DATA BASE MANAGEMENT SYSTEM & ORACLE)
Semester :V
Course Outcomes: After passing course the student will be able to:
CO1: Understand data, database and database models.
CO2: Gain knowledge of normalization and transaction control.
CO3: Gain knowledge of core database language-SQL.
CO4: Have a basic understanding of concepts of PL/SQL.

Paper of Course : Bachelor of Science (Economics) BECM-5124
Course Title : COMPUTER APPLICATIONS (VOCATIONAL) (INTERNET AND WEB DESIGNING)
Semester :V
Course Outcomes: After passing course the student will be able to:
CO1: Understand Internet basics and it's working.
CO2: Gain knowledge of email service on different mail servers. CO3: Understand different Internet protocols and search engines.
CO4: Have knowledge of basic web designing using markup languages.

Paper of Course : Bachelor of Science (Economics) BARL-5175
Course Title : Economics of Development
Semester :V

Course Outcomes: After passing this course students will be able to:

CO1: understand the different path ways of economic development, recognize the importance of assumptions in developmentmodels and their policy implications.

CO2:critically evaluate economic problems of developing and least developed countries and participate in the contemporary policy debate on development priorities

- Bachelor of Science (Economics) Semester III, V in (Economics Honours)

Programme Specific Outcomes (PSO)

Course Outcomes (COs)

Paper of Course **:** Bachelor of Science (Economics) (Economics Honours)
Course Title **:** Economics of Development
Semester : I
Course Outcomes: Course Outcomes: After passing this course students will be able to:
CO1: understand several key models and concepts of monetary economics and banking theory.
CO2: demonstrate an understanding of nature of money and the role of banks and financial markets in the economy.
CO3: understand the role of banks in modern monetary economies and financial Intermediation.
CO4: understand the main policy challenges central banks face in choosing appropriate goals, instruments and targets in the conduct of monetary policy.
CO5: understand the main determinants of interest rates in bond and money markets.

Paper of Course **:** Bachelor of Science (Economics) (Economics Honours)
Course Title **:** OPT-2: Public Finance
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1: analyze the functioning of modern public finance.
CO2: classify public revenues and expenditures through the budget and to analyze the instruments and objectives of budgetary policy.
CO3: Study the Effects of public expenditure on production, distribution, social overhead capital, stability and Innovation.

Paper of Course **:** Bachelor of Science (Economics) (Economics Honours)
Course Title **:** OPT-3 (History of Economic Thought)
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1:understand key models and concepts of the history of economic thought.
CO2: produce simple appreciations of the history of economic thought texts.
CO3: understand the development of economic thought in the context of the evolving global economy and from a historical perspective.

Paper of Course **:** Bachelor of Science (Economics) (Economics Honours)
Course Title **:** OPT-4: International Economics
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1: understand economic relationship between countries, covering trade and monetary issues.
CO2:understand the balance of payment problems and the exchange rate determination.
CO3: understand the critical aspects of current policies environment such as economic integration, issues of international liquidity and reviews the financial crisis such as East-Asian crisis.

Paper of Course : Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-5 (Industrial Economics)
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1:understand the some advance concepts and theories of industrial structure, conduct and performance
CO2: understand the different sources of industrial finance and their significance to evaluate firms performance.
CO3: understand the role and basic models of advertisement expenditure and profitability; and role of R&D expenditure and innovations on the working of firms.
CO4: understand the Industrial policy and development process India

Paper of Course : Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-6 (Economics of Agriculture)
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1:Understand the various theories of agriculture economics.
CO2:Analyze trends in production, productivity in green revolution and post green revolution era.
CO3:Understand the concept of Agricultural Finance& Agricultural credit.

Paper of Course : Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-7 (AGRICULTURAL MARKETING)
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1: Describe different marketing activities and services that take place as agricultural commodities go from the farmgate to the plate.
CO2: Comment on agricultural trade, policies, trade barriers, and national organizations and agreements. CO3: Explain the importance of commodity varieties and qualities, and marketing place and time.
CO4: Differentiate among the different market intermediaries.

Paper of Course : Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-8 (Economics of Public Enterprises)
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1: understand the role of public sector in economic development, objectives scope and growth of public sector in India.
CO2: compare the features, merits and demerits of different forms of public enterprises.
CO3:understand the management of public enterprises and personnel management in public enterprises.

Paper of Course : Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-9 (Econometrics)
Semester : I
Course Outcomes: After passing this course students will be able to:

CO1: understand the nature and methodology of econometrics.
CO2: understand the basic procedure of estimation of model and problems associated with it.
CO3:to perform tests of significance and estimate distributed lag models, production functions and some important macroeconomic functions.

• Bachelor of Commerce (Financial Services) (Semester: I)

B.Com Financial Services degree is structured to provide the students skills in the specific field of commerce i.e. financial services. The program has been designed specifically for the students aspiring for a growing career in financial services sector. The program will equip candidates with both knowledge and experience; needed to boost their career in the rapidly growing finance sector. The program is designed to build competencies in the areas of domain-knowledge and soft-skills. Also, by the end of the program, students gain an in-depth knowledge on core subjects like accounting, law, statistics, finance, financial markets just to name a few. A student holding a B.Com Degree with specialisation in financial services is well prepared to sustain as a corporate employee or as an entrepreneur. The student has adequate knowledge of adapting to the changes in the flexible business world, can focus internationally and has an in-depth understanding of the business world's financial market-relevant aspects. On the other hand, if the student chooses to start his/her own business, he/she can run it successfully and professionally without having to pay to expert accountants or market consultants.

Programme Specific Outcomes (PSO)

Programme Specific Outcomes On successful completion of this programme it would:
PSO1: Develop an ability to effectively communicate both orally and verbally
PSO2: serve as basis for further higher studies in finance.
PSO3: Have exposure of complex commerce problems and find their solution PSO4: Process information by effective use of IT tools
PSO5: Understand required mathematical, analytical and statistical tools for financial analysis
PSO6: help students to take up research work on various socio-economic issues
PSO7: give industry exposure to the students which would prepare them for their entrepreneurial journey
PSO8: prepare students for wide variety of careers dealing in finance from accountant to investment banker, portfolio managers, Mutual Fund Managers, Financial Consultant etc.

Course Outcomes (COs)

Paper of Course : Bachelor of Commerce (Financial Services)
Course Title : Financial Accounting with Tally
Semester : I
Course Outcomes: After the successful completion of this course, students will be able to –
CO1: acquire conceptual knowledge of financial accounting and gain skills required for recording various kinds of business transactions.
CO2: describe the role, functions and limitations of financial accounting.
CO3: explain various accounting concepts and conventions including IFRS (International Financial Reporting Standards).
CO4: prepare final accounts of sole proprietor (Trading account, Profit & Loss Account and Balance Sheet).
CO5: gain in-depth knowledge of preparing Consignment Accounts in the books of consignor and consignee

Paper of Course : Bachelor of Commerce (Financial Services)
Course Title : Business Organization & Management
Semester : I
Course Outcomes: After the successful completion of this course, students will be able to
CO1: understand the nature of business activities and the environment within which they operate and function.
CO2: develop an understanding of business activities in the modern world.
CO3: learn the theoretical and practical aspects of operating various types of business organisations.
CO4: develop an awareness of the changing and integrated nature of business problems and an ability to explore and deal with these problems.
CO5: understand the need for planning across management levels and various types of organizational structures prevailing in the business scenario.

Paper of Course : Bachelor of Commerce (Financial Services) BCFL-1455
Course Title : Quantitative Techniques for Business-I
Semester : I
Course Outcomes: After passing this course students will be able to:
CO1: learn the basic statistical analysis techniques and their applications in business.
CO2: understand the some basic techniques of time series analysis

Paper of Course : Bachelor of Commerce (Financial Services) BCFL-1126
Course Title : COMPUTER APPLICATION FUNDAMENTALS
Semester : I
Course Outcomes: After passing this course the student will be able to:
CO1: understand the basic knowledge of computer and its uses.
CO2: gain knowledge about office tools like word processing, spreadsheets, etc.
CO3: learn basic word processing skills such as text input formatting, editing, cut, copy, paste, spell check, margin, printing, charts etc.
CO4: use spreadsheet application for data organization and manipulation

• Bachelor of Commerce (Pass and Hons.) (Semester: I, III, V)

Programme Specific Outcomes (PSO)

Towards the end of the programme, students will be able to:
PSO1: Develop an ability to effectively communicate both orally and verbally
PSO2: Appreciate importance of working independently and in a team by learning the concept of leadership and motivation
PSO3: Have exposure of complex commerce problems and find their solution
PSO4: Process information by effective use of IT tool
PSO5: Understand required mathematical, analytical and statistical tools for financial and accounting analysis
PSO6: Develop an understanding of various commerce functions such as finance, accounting financial analysis, project evaluation and cost accounting.
PSO7: Develop an understanding of different forms of taxes and their implications.
PSO8: Develop self-confidence and awareness of general issues prevailing in the society.

Course Outcomes (COs)

Paper of Course : Bachelor of Commerce (Pass & Hons.)
Course Title : Punjab History and Culture (From Earliest Times to C 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : I
COURSE OUTCOMES After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.
CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of Course : Bachelor of Commerce (Pass & Hons.) BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-1212
Course Title : Punjab History and Culture (From Earliest Times to C 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : I
COURSE OUTCOMES: After passing this course, the students will be able to:
CO 1: appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu
CO 2: comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them
CO 3: understand fundamental grammatical rules governing tenses, the use of modal verbs and make correct usage in their language
CO 4: develop an understanding of translation of written text from Hindi/Punjabi to English
CO 5: independently write paragraphs on any given topic

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-1093
Course Title : Financial Accounting
Semester : I
COURSE OUTCOMES: After the successful completion of this course, students will be able to –
CO1: acquire conceptual knowledge of financial accounting and gain skills required for recording various kinds of business transactions.
CO2: describe the role, functions and limitations of financial accounting.
CO3: explain various accounting concepts and conventions including IFRS (International Financial Reporting Standards).
CO4: prepare final accounts of sole proprietor (Trading account, Profit & Loss Account and Balance Sheet).
CO5: gain indepth knowledge of preparing Consignment accounts in the books of consignor and consignee

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-1094
Course Title : Business Organisation
Semester : I
COURSE OUTCOMES: After the successful completion of this course, students will be able to
CO1: understand the nature of business activities and the environment within which they operate and function.
CO2: develop an understanding of business activities in the modern world.
CO3: learn the theoretical and practical aspects of operating various types of business organisations.
CO4: develop an awareness of the changing and integrated nature of business problems and an ability to explore and deal with these problems.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-1095
Course Title : Business Communication
Semester : I
COURSE OUTCOMES: After the successful completion of this course, students will be able to

CO1: acquire skills in reading, writing, comprehension and communication, as also to use electronic media for business communication.
CO2: learn effective business writing and business communication.
CO3: develop and deliver effective presentations.
CO4: acquire interpersonal communication skills that maximise team effectiveness.
CO5: write job interview and application letters and how to prepare for an interview.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-1176
Course Title : Business Statistics
Semester : I
COURSE OUTCOMES: After the successful completion of this course, students will be able to
CO1: learn the basic statistical analysis techniques and their applications in commerce.
CO2: understand the some basic techniques of time series analysis and introductory applications of probability.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRM–1127
Course Title : COMPUTER FUNDAMENTALS
Semester : I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: understand the basic knowledge of computer and its uses.
CO2: gain knowledge about office tools like word processing, spreadsheets, etc.
CO3: learn basic word processing skills such as text input formatting, editing, cut, copy, paste, spell check, margin, printing, charts etc.
CO4: use spreadsheet application for data organization and manipulation.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BARL-3431/BSML-3431/BSNL-3431/BCSL-3431/BECL-3431BCRL-3431/BBRL-3431
Course Title : PUNJAB HISTORY AND CULTURE (FROM 1000-1605 A. D.) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : III
COURSE OUTCOMES:
After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab
CO 1: To able to construct original historical arguments using a blend of primary and secondary source material
CO 2: To be able to demonstrate the significance of historical topics with reference to broader historical context and their contemporary relevance
CO 3: Students will develop an ability to convey verbally their historical knowledge
CO 4: Students will develop skills in critical thinking and reading
CO 5: To discuss understand and evaluate causes and results of the conflict with Mughal,

Paper of Course : Bachelor of Commerce (Pass & Hons.) BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-3212

Course Title : ENGLISH (COMPULSORY)
Semester : III
COURSE OUTCOMES: After passing this course, the students will be able to:
CO 1: develop an understanding of the poems taught, relate to the socio-cultural background of England and be able to answer questions regarding tone, style and central idea
CO 2: comprehend the basics of grammatical rules governing relative clauses, adjectives, adverbs, conjunctions and prepositions
CO 3: enhance their reading and analysing power of texts through guided reading
CO 4: enrich their vocabulary and use new words in their spoken and written language
CO 5: develop skills to write an essay on a given topic

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-3093
Course Title : Business Environment
Semester : III
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: understand the organisational purposes of businesses.
CO2: understand and scan business environment in order to analyze opportunities and take decisions under uncertainty.
CO3: understand the nature of the national environment in which businesses operate.
CO4: understand the behaviour of organisations in their market environment.
CO5: assess the significance of the global factors that shape national business activities

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-3094
Course Title : Company Law
Semester : III
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: have in depth knowledge about formation of a company and its registration.
CO2: draft the required documents like MOA and AOA.
CO3: learn the mode to register and fill the documents online.
CO4: have a clear conceptual understanding about the powers, duties and legal position of directors
CO5: grasp the latest emerging issues that may arise.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-3095
Course Title : Financial Management
Semester : III
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: understand both the theoretical and practical role of financial management in business organisations.
CO2: Analyse the financial requirements of a business and decide its capital structures.
CO3: apply various capital budgeting techniques for taking decisions regarding acceptance and rejection of proposals.
CO4: understand the concept of dividend policy

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-3096
Course Title : International Business
Semester : III

COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Identify & evaluate the complexities of international business & globalization from home versus hostcountry, and regional, cultural perspectives.
CO2: Analyse the relationships between international business and the political, economic, legal and social policies of countries, regions and international institutions.
CO3: Analyse current conditions in developing emerging markets, and evaluate present and future opportunities and risks for international business activities.
CO4: Develop a framework to support successful decision-making in all relevant functions and activities of any international business or international operations of a domestic business within the competitively international environment.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRM: 3097
Course Title : Corporate Accounting
Semester : III
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: understand the techniques of preparing financial statements of banking and insurance companies.
CO2: have an understanding of concept of NPAs in banking companies.
CO3: understand the meaning of share and share capital, its different types, accounting treatment and procedure involved in redemption of preference shares.
CO4: understand the accounting treatment of issue and redemption of debentures.
CO5: understand meaning of amalgamation, its types and its accounting treatment.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BARL-5431/ BSML-5431/ BSNL-5431/ BCSL-5431/ BECL-5431/ BCRL-5431/ BBRL5431
Course Title : Punjab History and Culture (From 1849-1947 A.D) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : V
COURSE OUTCOMES: After completing the course student have understanding of Punjab in the pre-independence phase
CO 1:- Students will understand major changes in the Punjab during British Rule
CO 2:- They will also know about important agitations and their outcomes on the politics of the Punjab.
CO 3:- They will gain knowledge about the society and economy of Punjab
CO 4:-They will be able to evaluate the socio-religious reforms movements of Punjabi society
CO 5:- They will have insights into the details of the partition of Punjab

Paper of Course : Bachelor of Commerce (Pass & Hons.) BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-5212
Course Title : ENGLISH (COMPULSORY)
Semester : V
COURSE OUTCOMES: After passing this course, the students will be able to:
CO 1: widen their knowledge about various literary devices used in poetry such as tone, style, imagery, figures of speech, symbolism etc.
CO 2: develop power of imagination and appreciate the beauty, rhyme, and style of a poem
CO 3: analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed play
CO 4: develop an understanding of the insights, genres, conventions and experimentations associated with English Drama
CO 5: develop the knowledge, skills and capabilities for effective business writing such as letter writing and resume writing

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-5093
Course Title : MANAGEMENT ACCOUNTING
Semester : V
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Critically analyze and provide recommendations to improve the operations of organizations through the application of Management Accounting techniques.
CO2: Demonstrate mastery of budgeting systems and performance measurement systems.
CO3: Illustrate the need for a balance between financial and non-financial information in decision making, control and performance evaluation applications of Management Accounting
CO4: Understand the elements of managerial decision making, including planning, directing and Controlling activities in a business environment
CO5: Learn preparation of Financial Statements in accordance with Generally Accepted Accounting Principles

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-5094
Course Title : DIRECT TAX LAWS
Semester : V
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Understand the concept of Direct Tax Laws
CO2: have the knowledge of latest provisions of Income Tax Act regarding different Heads of Income
CO3: understand the concept of Assessment of Income
CO4: compute tax liability of different assesses
CO5: take tax-sensitive decisions in the real life
CO6: practice as Tax Advisor/ Consultants

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-5095
Course Title : AUDITING
Semester : V
COURSE OUTCOMES On successful completion of this course, students will be able to:
CO1: have conceptual understanding of Auditing and its relevance.
CO2: apply critical thinking skills and evaluate auditing problems with the help of case studies
CO3: have comprehensive understanding of legal framework under which Indian Companies audit and apply the professional code of conduct.
CO4: understand the role of auditing in society corporate governance.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-5096 Option – B(i)
Course Title : BANKING SERVICES MANAGEMENT
Semester : V
COURSE OUTCOMES. On successful completion of this course, students will be able to:
CO1: have Banking knowledge and skills together with techno-familiarity and customerorientation.
CO2: understand various services offered and risks faced by banks.
CO3: become aware of various banking innovations after nationalization.
CO4: have in-depth knowledge of BASEL norms and regulatory framework.

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-5097 Option: B(ii)
Course Title : INSURANCE SERVICE MANAGEMENT
Semester : V
COURSE OUTCOMES. On successful completion of this course, students will be able to:
CO1: identify and categorize various risks. CO2: explain various risk control measures available.
CO3: apply the insurance mechanism in risk management.
CO4: explain the nature and principles of Insurance (Life and general insurance)
CO5: explain the regulatory framework of insurance in India

Paper of Course : Bachelor of Commerce (Pass & Hons.) BCRL-5628
Course Title : ACCOUNTING FOR BANKERS
Semester : V
COURSE OUTCOMES. On successful completion of this course, students will be able to:
CO1: Understand the various services offered and various risks faced by banks
CO2: develop conceptual understanding of fundamentals of financial Accounting system and to impart skills in accounting for various kinds of business transactions
CO3: Learn the concepts and process of credit and risk management
CO4: Acquire conceptual knowledge of basic concepts and practices of banking
CO5: Prepare final accounts of Banking Companies as per Banking Regulation Act (Profit & Loss Account and Balance Sheet).

BACHELOR OF BUSINESS ADMINISTRATION

Programme Specific Outcomes (PSO)

Programme Outcomes Students of all undergraduate general degree Programmes at the time of graduation will be able to: PO1.take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives. PO2. speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology. PO3.work and communicate effectively in inter-disciplinary environment, either independently or in a team, and demonstrate leadership qualities. Elicit views of others, mediate disagreements and help reach conclusions in group settings. PO4.demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering. PO5. recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them. PO6. understand the issues of environmental contexts and sustainable development. PO7. recognize the need to engage in lifelong learning through continuing education and research.

Programme Specific Outcomes Towards the end of the programme, it would: PSO1: strengthen a student's managerial and communication skills, PSO2: enhance his/her decision making ability PSO3: make the student ready for the corporate world PSO4: develop self-confidence and awareness of general issues prevailing in the society PSO5: give industry exposure to the students which would prepare them for their entrepreneurial journey PSO6: prepare students for job types in different employment areas

Class : Bachelor of Business Administration (Semester I) Session 2018-19 Course Code: BBRL - 1323 Paper BASIC ACCOUNTING

Course Outcomes: After successful completion of this course, students will be able to – CO1: Acquire conceptual knowledge of basic accounting and gain skills required for recording various kinds of business transactions. CO2: Recognize circumstances providing for increased exposure to fraud and define preventative internal control measures. CO3: Prepare financial statements in accordance with Generally Accepted Accounting Principles CO4: Prepare final accounts of sole proprietor (Trading account, Profit & Loss Account and Balance Sheet).

Class Bachelor of Business Administration (Semester I) Session 2018-19 Course Code: BBRL-1324 Paper: BUSINESS ORGANISATION & SYSTEMS

Course Outcomes: On successful completion of this course, students will be able to: CO1.Understand the nature of business activities and the environment within which they function. CO2. Develop an understanding of the role of business activities in the modern world. CO3. Learn the theoretical and practical aspects of the operation of various types of business organizations. CO4. Develop an awareness of the changing and integrated nature of business problems and an ability to explore and deal with these problems.

Bachelor of Business Administration (Semester I) Session 2018-19 Course Code: BBRL-1175 MANAGERIAL ECONOMICS- I

Course outcomes: After successful completion of this course, Students will be able to -- CO1: understand the various aspects of demand for a particular product and theoretical consumer behavior in the context of demand for a product and multiple products. CO2: understand the production decisions of a producer in the context of inputs and different market structures. CO3: understand different concepts of cost structure of a firm in short run and long run.

Bachelor of Business Administration (Semester I) Session 2018-19 Course Code: BBRM-1126 COMPUTER APPLICATIONS FOR BUSINESS- I Course Outcomes: After passing this course the student will be able to: CO1: understand the basic knowledge of computer, its components and Input/Output devices . CO2: use operating system for and gain knowledge about the functionality of operating system. CO3: learn word processing software to create, edit and format documents. CO4: gain knowledge on spreadsheet software like how to calculate, organize, edit and present numerical data and apply formulae on it.

Bachelor of Business Administration (Semester I) Session 2018-19 Course Code: BBRL-1107 BUSINESS COMMUNICATION Course Outcomes: After passing this course, the students will be able to: CO1: acquire skills in reading, writing, comprehension and communication, as also to use electronic media for business communication. CO2: learn effective business writing and business communication. CO3: develop and deliver effective presentations. CO4: acquire interpersonal communication skills that maximise team effectiveness. CO5: Write job interview and application letters and how to prepare for an interview

Bachelor of Business Administration (Semester II) Session 2018-19 Course Code: BBRL-2323 BUSINESS LAWS Course Outcomes: After passing this course, the students will able to: CO1: demonstrate the relationship between law and economic activity through awareness of legal principles involved in economic relationships and business transactions. CO2:understand the Indian Contract laws and Contract of Sale of Goods laws CO3: understand the provisions regarding Limited Liability Partnership Act andConsumer Protection Act. CO4:develop the habit of analytical thinking and logical reasoning as a technique for decision making

Bachelor of Business Administration (Semester II) Session 2018-19 Course Code: BBRL-2324 PRINCIPLES OF MANAGEMENT Course Outcomes: After successful completion of this course, students will be able to – CO1. demonstrate their knowledge of business and management principles. CO2. Understand the global environment in which business operates. CO3. identify and evaluate social responsibility and ethical issues involved in business situations. CO4.practice the process of managerial functions of management. CO5. acquire critical thinking and problem-solving skills. CO6. acquire the ability to recognize when change is needed in business and adapt to change as it occurs. CO7. discuss and communicate management evolution and how it would affect future managers.

Bachelor of Business Administration (Semester II) Session 2018-19 Course Code: BBRL-2175 MANAGERIAL ECONOMICS-II Course outcomes: After successful completion of this course, Students will be able to – CO1: understand the generation of income and problems associated with it from macroeconomic point of view. CO2: understand the consumption and investment behaviour of an economy and factor affecting consumption and investment decisions. CO3: understand the mechanism of income and investment propagation in an economy and problems associated with it. CO4: understand the problem of inflation, its causes, effects and solutions in an economy.

Bachelor of Business Administration (Semester II) Session 2018-19 Course Code: BBRL-2326 COMPUTER BASED ACCOUNTING SYSTEM Course Outcomes: After passing this course, the student will be able to: CO1: understand the role of computerised accounting software in the business environment. CO2: develop competence and expertise, to an advanced level, using different accounting software packages, in maintaining data and providing user information. CO3: become familiar with basic accounting software named TALLY ERP9. CO4: maintain accounts in TALLYERP9

Bachelor of Business Administration (Semester II) Session 2018-19 Course Code: BBRL- 2327 FUNDAMENTALS OF BANKING Course Outcomes: After the successful completion of this course, students will be able to: CO1: Describe the commercial banks-evolution, nature and importance for economy. CO2: Explain the different types of banks and their role in economic development CO3: Elucidate the broad functions of banks; primary and secondary functions CO4: Explain the role of RBI, and identify the techniques of credit control and credit creation CO5:Understand the nature of negotiable instruments- cheques, bills of exchange, promissory notes and role of clearing house.

Bachelor of Business Administration (Semester – III) BBRL-3325 FUNDAMENTALS OF MARKETING MANAGEMENT Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: After passing this course the student will be able to: CO1: understand what marketing is and how it improves an organisation's profitability and competitiveness. CO2: develop an understanding of marketing skills and knowledge that combine principles of marketing strategy and tactics to successfully manage and deliver marketing plans. CO3: apply this knowledge of marketing

principles to support their future career development. CO4: describe core marketing concepts and make marketing-based decisions.

Bachelor of Business Administration (Semester – III) BBRL-3326 INDIAN FINANCIAL SYSTEM Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: On successful completion of this course, students will be able to: CO1: understand the functioning of the Indian Financial System in present scenario. CO2: develop an understanding of the role of financial markets, financial instruments & financial institutions in the development of Indian Economy. CO3: understand the operations of secondary market mechanism. CO4: acquire analytical skills in the market analysis in the context of raising medium & long term funds.

Bachelor of Business Administration (Semester – III) BBRL-3327 MANAGEMENT ACCOUNTING Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: On successful completion of this course, students will be able to: CO1: explain the role of management accounting information in assisting management in undertaking planning, performance measurement, controlling and decision-making. CO2: understand the importance of analysis and interpretation of financial statements. CO3: define and explain several ratios and their role in analyzing the financial statements and other financial activities of an organization. CO4: understand the role of responsibility accounting and performance measurement. CO5: evaluate the Funds Flow and Cash Flow Statements with practical examples. CO6: explain how management accounting contributes to financial reporting. CO7: evaluate the importance of effective working capital management and its role in meeting the firm's strategic objectives and its impact on value creation.

Bachelor of Business Administration (Semester – IV) BBRL-4323 FINANCIAL MANAGEMENT Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: On successful completion of this course, students will be able to: CO1: understand both the theoretical and practical role of financial management in business corporations. CO2: analyse the financial requirements of corporations and decide their capital structures. CO3: apply various capital budgeting techniques for taking decisions regarding acceptance and rejection of proposals. CO4: devise dividend policy of corporations.

Bachelor of Business Administration (Semester – IV) BBRL-4324 PRODUCTION AND OPERATIONS MANAGEMENT Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: After passing this course students will be able to: CO1: understand production and operations function. CO2: understand the principles of just-in-time systems and total quality management. CO3: evaluate location alternatives and discuss the importance of product design. CO4: understand importance of quality control. CO5: know the techniques for planning and control.

Bachelor of Business Administration (Semester – IV) BBRL-4325 BUSINESS ENVIRONMENT Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: After passing this course the student will be able to: CO1: know the impact of the economic environment, political, legal and social factors on business. CO2: identify and analyse issues in business situations and propose appropriate and welljustified solutions. CO3: identify and assess ethical, environmental and/or sustainability considerations in business decision-making and practice. CO4: identify social and cultural implications of business situations. CO5: analyze multinational firms' responses to threats and opportunities in the business environment.

Bachelor of Business Administration (Semester – IV) BBRL-4326 OPERATIONS RESEARCH Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: After successful completion of this course, students will be able to: CO1: have conceptual understanding of Operations Research and its practical relevance. CO2: evaluate various complex problems which are beyond the control of management. CO3: have comprehensive understanding of various quantitative techniques like LPP, Game Theory, PERT CPM, Assignment, Transportation, Queue Models etc. CO4: apply appropriate Operation Research Techniques according to the nature of the problem. CO5: suggest optimal solution to the complex problems with an overall quantitative approach of problem solving

Bachelor of Business Administration (Semester – IV) BBRL-4327 FUNDAMENTALS OF INSURANCE Time: 3 Hours Max. Marks: 50 Theory: 40 CA: 10 Course Outcomes: On successful completion of this course, students will be able to: CO1: have conceptual clarity of basic concepts and principles of insurance and types of insurance policies. CO2: understand the regulatory framework of Insurance in India. CO3: acquire knowledge about reinsurance and various distributions channels of insurance. CO4: understand the process of underwriting and claims to get absorbed in any insurance company.

- Bachelor of Commerce (Honours) (B.Com Hons.) (Semester: I, III)

Programme Specific Outcomes (PSO)

Course Outcomes (COs)

Paper of Course : Bachelor of Commerce (Honours) BCOL-1431
Course Title : Punjab History and Culture (1450-1716) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab) (Under Continuous Evaluation System)
Semester : I
COURSE OUTCOMES: After the completion of this course the students will be able to:
CO 1: Know the physical features of Punjab, its flora & fauna, the composition of population, culture, society, religion and polity.
CO 2: Make a comparison between the original philosophical & teachings of Sikh Gurus and their relevance in the present scenario.
CO 3: Have deep insight into the origin of Sikhism, foundation of the Khalsa, the conflict with Mughals and the rise of Banda Singh Bahadur and the aftermath.
CO 4: Have an in depth peep into the past in order to have better understanding of present & apply corrective measures.

Paper of Course : Bachelor of Commerce (Honours) BCOL-1102
Course Title : COMMUNICATIVE ENGLISH–I
Semester : I
Course Outcome: The students will be :
• introduced to the skills and strategies of reading and writing
• able to identify organizational patterns, spot classification systems and understand associations between ideas
• Prepared to read a variety of texts and communicate more effectively through writing
• To pay special attention to vocabulary building

Paper of Course : Bachelor of Commerce (Honours) BCOL-1173
Course Title : Descriptive Statistics for Business
Semester : I
Course Outcome : Upon successful completion of this course, students will be able to:
CO1: understand the basic techniques of presentation and analysis of data
CO2: understand the basic applications of probability and probability distributions

Paper of Course : Bachelor of Commerce (Honours) BCOL-1174
Course Title : Micro Economics
Semester : I
Course Outcome : Upon successful completion of this course, students will be able to:
CO1: After passing this course students will be able to have an In-depth grounding in the preliminary concepts and theories in consumer behavior.
CO2: understand the cost and market structure and production behavior and have some idea of managerial objectives.

Paper of Course : Bachelor of Commerce (Honours) BCOM-1095
Course Title : Management Principles & Applications
Semester : I
Course Outcome: After the successful completion of this course, students will be able to –
CO1: evaluate the need for management in an organization.
CO2: understand the need for planning across management levels and various types of organizational structures prevailing in the business scenario.
C03: know the various components of Human Resource Planning.
C04: assess different leadership and motivation theories.
C05: analyze effective application of management principles to diagnose and solve organizational problems and develop optimal managerial decisions.

Paper of Course : Bachelor of Commerce (Honours) BCOM-1096
Course Title : Financial Accounting
Semester : I
Course Outcome: After the successful completion of this course, students will be able to –
CO1: acquire conceptual knowledge of financial accounting and gain skills required for recording various kinds of business transactions.
CO2: describe the role, functions and limitations of financial accounting.
CO3: explain various accounting concepts and conventions including IFRS (International Financial Reporting Standards).
CO4: prepare final accounts of sole proprietor (Trading account, Profit & Loss Account and Balance Sheet).
CO5: gain indepth knowledge of preparing Consignment accounts in the books of consignor and consignee.
CO6: work with well-known accounting software i.e. Tally (Latest version)

Paper of Course : Bachelor of Commerce (Honours) BCOP-1127
Course Title : WORKSHOP ON MS-OFFICE PACKAGE
Semester : I
Course Outcome :After passing course the student will be able to:
CO1: gain knowledge about office tools like word processing, spreadsheets, etc.
CO2: understand word processing software to create professional and academic documents.
CO3: create effective presentations useful for corporate tasks.
CO4: use spreadsheet application for data organization and manipulation

Paper of Course : Bachelor of Commerce (Honours) BCOL - 3331
Course Title : Analytical Skills
Semester : III
Course Outcome: After the successful completion of this course, students will be able to –
CO1: acquire conceptual knowledge of data analysis techniques.
CO2: prepare bar diagrams, pie-charts, histogram and how to interpret data
CO3: have deep understanding of Quantitative aptitude and Arithmetic ability
CO4: gain in depth knowledge about business calculations like percentage ,Simple interest, Compound interest etc.

Paper of Course : Bachelor of Commerce (Honours) BCOL-3092
Course Title : Company Law
Semester : III
Course Outcome: On successful completion of this course, students will be able to:
CO1: have in depth knowledge about formation of a company and its registration.
CO2: draft the required documents like MOA and AOA.
CO3: learn the mode to register and fill the documents online.
CO4: have a clear conceptual understanding about the powers, duties and legal position of directors.
CO5: grasp the latest emerging issues that may arise.

Paper of Course : Bachelor of Commerce (Honours) BCOL-3093
Course Title : Banking Theory and Practice
Semester : III
Course Outcome: On successful completion of this course, students will be able to:
CO1: have banking knowledge and skills together with technology-familiarity and customer-orientation.
CO2: understand the various services offered and various risks faced by banks.
CO3: gain awareness of various banking innovations after nationalization.
CO4: have an overview of banking industry.

Paper of Course : Bachelor of Commerce (Honours) BCOL-3094
Course Title : Banking Theory and Practice
Semester : III
Course Outcome: After the successful completion of this course, students will be able to
CO1: acquire skills in reading, writing, comprehension and communication and will be able to use electronic media for business communication.
CO2: enhance their skills in business writings and communications.
CO3: develop and deliver effective presentations.
CO4: develop effective interpersonal communications and skills that maximize team effectiveness.
CO5: learn resume writing and prepare themselves for job interviews.
Paper of Course : Bachelor of Commerce (Honours) BCOL-3095
Course Title : Business Ethics and Corporate Social Responsibility
Semester : III
Course Outcome: After the successful completion of this course, students will be able to –
CO1: acquire a clear understanding of philosophical ethics.
CO2: understand the relationship between ethics and law.
CO3: understand the concept of corporate social responsibility.
CO4: understand the concept of SWOT Analysis for evaluating organizational framework for discharging social responsibility.
CO5: understand the principles of moral decision making in global business and realize their importance. CO6: identify and resolve the ethical dilemmas that occur in workplace.
CO7: demonstrate an ability to write and debate about the aspects of corporate governance in a manner that is analytical, logical and critical.
Paper of Course : Bachelor of Commerce (Honours) BCOM-3096
Course Title : Corporate Accounting

Semester : III

Course Outcome: the successful completion of this course, students will be able to

CO1: acquire conceptual knowledge of accounting of corporate sector and gain skills required for recording various kinds of business transactions.

CO2: prepare accounts relating to share capital, forfeiture and its redemption

CO3: have deep understanding of SEBI guidelines relating to companies, banking and insurance sector as well.

CO4: prepare final accounts of Banking companies and insurance sector.

CO5: gain in depth knowledge of mergers and amalgamation.

Faculty of Performing & Visual Arts SYLLABUS Of MA Music Vocal (Semester- I to IV)

Programme Specific Outcomes (PSO)

Programme specific outcomes M.A Music (Vocal) Session 2020-21 Upon Successful completion of this programme, students will be able to:

P.S.O. 1) Understand various Raagas & Taalas and knowledge of Viva Voce.

P.S.O. 2) Know the intricacies of Music, as performing Art, both theoretically & practically.

P.S.O. 3) Influence the audience with daily learning and practice of Raagas.

P.S.O. 4) Have command on their voice to sing classical as well light music.

P.S.O. 5) Music Direction, Stage Performances, Voice Trainer, Show Host, Music Academies or studios etc.

Course Outcomes (COs)

Paper of Course : Master of Arts (Music Vocal) MMVL-1361
Course Title : Theoretical Survey of Indian Music (Theory)
Semester : I
Course Outcome:

CO1: This course will give an extensive knowledge of different theoretical aspects of Hindustani Music.

CO2: This course will add the wider scope of Classical Music and will preparation for the National Eligibility Test.

Paper of Course : Master of Arts (Music Vocal) Historical Study of Indian Music (Theory)
Course Title : Historical Study of Indian Music (Theory)
Semester : I
Course Outcome:

CO1: The course will give an extensive knowledge of Historical Development and systematic evolution of Indian Classical Music.

CO2: The course will add to the knowledge of students about the musical journeys and contribution of eminent musicians, scholars and artists towards Hindustani Music.

CO3: This course will add the wider scope of Classical Music and will preparation for the National Eligibility Test.

Paper of Course : Master of Arts (Music Vocal) MMVP-1363
Course Title : Practical-I (Stage Performance)
Semester : I

Course Outcome: 1) The objective of this course is to make student good stage performer covering all the aspects of Ragas presentation, Gayan Shaillies along with the knowledge of Taalas.

2) This course prepares the students to learn and perform the art keeping in mind all the theoretical aspects. This course will add the wider scope of Classical Music and will preparation for the National Eligibility Test.

Paper of Course : Master of Arts (Music Vocal) MMVV-1364
Course Title : Practical - II (Viva –Voce)
Semester : I
Course Outcome:
CO1: This course introduces the students to critical and comparative study of Raagas prescribed in course.
CO2: Now After this course, students are able to understand the Inter Relationship between Folk Music & Classical Music. 99
CO3: This course prepares the students to understand practical as well as theoretical aspects of Raagas. This course will add the wider scope of Classical Music and will preparation for the National Eligibility Test.

Programme Specific Outcomes (PSO)

P.S.O. 1) Understand various Raagas & Taalas and knowledge of Viva Voce.
P.S.O. 2) Know the intricacies of Music, as performing Art, both theoretically & practically.
P.S.O. 3) Influence the audience with daily learning and practice of Raagas.
P.S.O. 4) Have command on their voice to sing classical as well light music.
P.S.O. 5) Music Direction, Stage Performances, Voice Trainer, Show Host, Music Academies or studios etc.

Course Outcomes (COs)

Paper of Course : Master of Arts (Music Vocal) MMVL-2361
Course Title : Intensive Study of Indian Music (Theory)
Semester : II
Course Outcome: CO1: This course will give an extensive knowledge of different Aesthetical aspects of Hindustani Music in general along with the study of Folk Music of Punjab.
CO2 : This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Vocal) MMVL-2362
Course Title : An Analytical Study of Granthas (Theory)
Semester : II
Course Outcome:
CO1: Students go through the Shastra (Granthas) of Indian Classical Music and know the threads rooted in this traditional art.

CO2: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Vocal) MMVP-2362
Course Title : Practical-III (Stage Performance)
Semester : II
Course Outcome:
1) The objective of this course is to make student good stage performer covering all the aspects of Ragas presentation, Gayan Shaillies along with the knowledge of Taalas.
2) This course prepares the students to learn and perform the art keeping in mind all the theoretical aspects. This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Vocal) MMVP-2362
Course Title : Practical – IV (Viva -Voce)
Semester : II
Course Outcome:
CO1: This course introduces the students to critical and comparative study of Raagas prescribed in course.
CO2: This course prepares the students to understand practical as well as theoretical aspects of Raagas. This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination

Programme Specific Outcomes (PSO)

M.A Music (Vocal) Upon Successful completion of this programme, students will be able to:
P.S.O. 1) Understand various Raagas & Taalas and knowledge of Viva Voce.
P.S.O. 2) Know the intricacies of Music, as performing Art, both theoretically & practically.
P.S.O. 3) Influence the audience with daily learning and practice of Raagas.
P.S.O. 4) Have command on their voice to sing classical as well light music.
P.S.O. 5) Music Direction, Stage Performances, Voice Trainer, Show Host, Music Academies or studios etc

Course Outcomes (COs)

Paper of Course : Master of Arts (Music Vocal) MMVL-3361
Course Title : Scientific Study of Indian Music (Theory)
Semester : III
Course Outcome :
CO1: This course will give an extensive knowledge of scientific aspects of Hindustani Music, enabling students to explore Physics and other related aspects of the subject.

CO2: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Vocal) MMVL-3362
Course Title : Music As A Commercial Art (Theory)
Semester : III
Course Outcome :
CO 1: This course includes a comprehensive and thorough study of Music as a discipline at an advanced level.
CO2: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Vocal) MMVL-4361
Course Title : GURMAT SANGEET (Theory)
Semester : IV
Course Outcome :
CO 1: This course will give an extensive knowledge of Technical Terminology and Musicology of Gurmat Sangeet.
CO 2: This course will add to the knowledge of the students, the wider scope of Devotional Music.
CO 3: This course will provide the knowledge of various Instruments used in Gurmat Sangeet.

Paper of Course : Master of Arts (Music Vocal) MMVL-4362
Course Title : ESSAYS ON INDIAN MUSIC AND RESAERCH IN MUSIC (THEORY)
Semester : IV
Course Outcome :
CO 1: This course will enhance the research interests of the students.
CO 2: This course will add to the knowledge of the students, the wider scope of Research in Music.
CO 3: This course will give an extensive knowledge of other continents in which research of music developed

Paper of Course : Master of Arts (Music Vocal) MMVP-4363
Course Title : Stage Performance - IV (Practical)
Semester : IV
Course Outcome :
1) The objective of this course is to make student good stage performer covering all the aspects of Ragas presentation, Gayan Shaillies along with the knowledge of Taalas.
2) This course prepares the students to learn and perform the art keeping in mind all the theoretical aspects. This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination

Paper of Course : Master of Arts (Music Vocal) MMVV-4364
Course Title : Practical -VIII (Viva -Voce)
Semester : IV
Course Outcome :

CO1: The course will add to the knowledge of the students, the practical knowledge of Vocal Music.(Raagas & Taalas)

CO 2: The course will give an extensive knowledge of different Gayan Shaillies.

CO 3: With the help of this course students have a wider view and vision about music exclusively throughout the world.

CO4: This course prepares the students to learn and perform the art keeping in mind all the theoretical aspects. It also prepares them to do qualifying exam like NET(UGC)JRF etc.

Paper of Course **:** Master of Arts (Music Vocal) MMVD-4365

Course Title **:** Research Project (Minor)

Semester : IV

Course Outcome :

CO 1: This course will enhance the research interests of the students.

CO 2: This course will add to the knowledge of the students, the wider scope of Research in Music.

CO 3: This course will give an extensive knowledge of other continents in which research of music developed

- Faculty of Performing & Visual Arts SYLLABUS Of MA (Music Instrumental) (Semester-I to IV)

Programme Specific Outcomes (PSO)

Programme Specific Outcomes M.A (Music Instrumental) Session 2020-21 Upon Successful completion of this programme, students will be able to:

P.S.O. 1) Understand various Raagas & Taalas and knowledge of Viva Voce.

P.S.O. 2) Know the intricacies of Music, as performing Art, both theoretically & practically.

P.S.O. 3) Influence the audience with daily learning and practice of Raagas.

P.S.O. 4) Have command on their voice to sing classical as well light music.

P.S.O. 5) Music Direction, Stage Performances, Voice Coach, Show Host, Music Academies or studios etc.

Paper of Course : Master of Arts (Music Instrumental) MMIL-1351
Course Title : Theoretical Survey of Indian Music (Theory)
Semester : I
Course Outcome :

CO1: This course will give an extensive knowledge of different theoretical aspects of Hindustani Music.

CO2: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Vocal) MMIL-1352
Course Title : Historical Study of Indian Music (Theory)
Semester : I
Course Outcome :

CO1: The course will give an extensive knowledge of Historical Development and systematic evolution of Indian Classical Music.

CO2: The course will add to the knowledge of students about the musical journeys and contribution of eminent musicians, scholars and artists towards Hindustani Music.

CO3: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination

Paper of Course : Master of Arts (Music Instrumental) MMIP-1353
Course Title : Practical-I (Stage Performance)
Semester : I
Course Outcome :

1) The objective of this course is to make student good stage performer covering all the aspects of Ragas presentation, Gayan/Vadan Shaillies along with the knowledge of Taalas.

2) This course prepares the students to learn and perform the art keeping in mind all the theoretical aspects. 3) This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Instrumental) MMIV-1354
Course Title : Practical – II (Viva- Voce)
Semester : I
Course Outcome :
CO1: This course introduces the students to critical and comparative study of Raagas prescribed in course.
CO2: Now After this course, students are able to understand the Inter Relationship between Folk Music & Classical Music.
CO3: This course prepares the students to understand practical as well as theoretical aspects of Raagas.
CO4: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination

Programme Specific Outcomes (PSO)

M.A Music (Instrumental) Session 20-21 Upon Successful completion of this programme, students will be able to:
P.S.O. 1) Understand various Raagas & Taalas and knowledge of Viva Voce.
P.S.O. 2) Know the intricacies of Music, as performing Art, both theoretically & practically.
P.S.O. 3) Influence the audience with daily learning and practice of Raagas.
P.S.O. 4) Have command on their voice to sing classical as well light music.
P.S.O. 5) Music Direction, Stage Performances, Voice Coach, Show Host, Music Academies or studios etc.

Course Outcomes (COs)

Paper of Course : Master of Arts (Music Instrumental) MMIL-2351
Course Title : Aesthetic Study of Indian Music (Theory)
Semester : II
Course Outcome :
CO1: This course will give an extensive knowledge of different Aesthetical aspects of Hindustani Music in general along with the study of Folk Music of Punjab.
CO2 : This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Instrumental) MMIL-2352
Course Title : An Analytical Study of Granthas (Theory)
Semester : II
Course Outcome :

CO1: Students go through the Shastra (Granthas) of Indian Classical Music and know the threads rooted in this traditional art. 4 8 48
CO2: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination

Paper of Course **:** Master of Arts (Music Instrumental) MMIP-2353
Course Title **:** Practical – III (Stage Performance)
Semester : II
Course Outcome :
1) The objective of this course is to make student good stage performer covering all the aspects of Ragas presentation, Gayan/ Vadan Shaillies along with the knowledge of Taalas.
2) This course prepares the students to learn and perform the art keeping in mind all the theoretical aspects. 3) This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course **:** Master of Arts (Music Instrumental) MMIV-2354
Course Title **:** Practical – IV (Viva-Voce)
Semester : II
Course Outcome :
CO1: This course introduces the students to critical and comparative study of Raagas prescribed in course. CO2: This course prepares the students to understand practical as well as theoretical aspects of Raagas. CO3: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Programme Specific Outcomes M.A Music (Instrumental) Session 20-21 Upon Successful completion of this programme, students will be able to:
P.S.O. 1) Understand various Raagas & Taalas and knowledge of Viva Voce.
P.S.O. 2) Know the intricacies of Music, as performing Art, both theoretically & practically.
P.S.O. 3) Influence the audience with daily learning and practice of Raagas.
P.S.O. 4) Have command on their voice to sing classical as well light music.
P.S.O. 5) Music Direction, Stage Performances, Voice Coach, Show Host, Music Academies or studios etc.

Paper of Course **:** Master of Arts (Music Instrumental) MMIL-3351
Course Title **:** Scientific Study of Indian Music (Theory)
Semester : III
Course Outcome :
CO1: This course will give an extensive knowledge of scientific aspects of Hindustani Music, enabling students to explore Physics and other related aspects of the subject.
CO2: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Instrumental) MMIL-3352
Course Title : Music As A Commercial Art (Theory)
Semester : III
Course Outcome :
CO 1: This course includes a comprehensive and thorough study of Music as a discipline at an advanced level.
CO2: The course will add to the knowledge of students about the different perspectives of Indian Classical Music.
CO3: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Programme Specific Outcomes M.A Music (Vocal) Session 20-21 Upon Successful completion of this programme, students will be able to join: Teaching profession, Music Direction, Stage Performances, Playback singing or as Staff Artist (AIR or DD), Music Academies or studios etc.

Paper of Course : Master of Arts (Music Instrumental) MMIL-4351
Course Title : GURMAT SANGEET (Theory)
Semester : IV
Course Outcome :
CO 1: This course will give an extensive knowledge of Technical Terminology and Musicology of Gurmat Sangeet.
CO 2: This course will add to the knowledge of the students, the wider scope of Devotional Music.
CO 3: This course will provide the knowledge of various Instruments used in Gurmat Sangeet. 6 2 62
CO:4 This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Instrumental) MMIL-4352
Course Title : GURMAT SANGEET (Theory)
Semester : IV
Course Outcome :
CO 1: This course will enhance the research interests of the students.
CO 2: This course will add to the knowledge of the students, the wider scope of Research in Music.
O 3: This course will give an extensive knowledge of other continents in which research of music developed.
CO4: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course : Master of Arts (Music Instrumental) MMIP-4353
Course Title : Practical- VII (Stage Performance)
Semester : IV
Course Outcome :
1) The objective of this course is to make student good stage performer covering all the aspects of Ragas presentation, Vadan Shaillies along with the knowledge of Taalas.

2) This course prepares the students to learn and perform the art keeping in mind all the theoretical aspects. 3) This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

Paper of Course **:** Master of Arts (Music Instrumental) MMIV-4354
Course Title **:** Practical -VIII (Viva- Voce)
Semester : IV
Course Outcome :
CO1: The course will add to the knowledge of the students, the practical knowledge of Vocal Music.(Raagas & Taalas)
CO 2: The course will give an extensive knowledge of different Gayan Shaillies.
CO 3: With the help of this course students have a wider view and vision about music exclusively throughout the world. 6 7 67
CO4: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination

Paper of Course **:** Master of Arts (Music Instrumental) MMID-4355
Course Title **:** **Research Project** (Minor)
Semester : IV
Course Outcome :
CO 1: This course will enhance the research interests of the students.
CO 2: This course will add to the knowledge of the students, the wider scope of Research in Music.
CO 3: This course will give an extensive knowledge of other continents in which research of music developed.
CO4: This course will add the wider scope of Classical Music and will preparation for the UGC/NET /JRF Examination.

- FACULTY OF PERFORMING ARTS AND VISUAL ART
- MASTER OF ART (FINE ARTS) (Semester: I -IV)

Programme Specific Outcomes (PSO)

Programme Specific Outcomes The student can get the following benefits after the degree of MASTER OF ART (Fine Arts)
P.S.O. (1) Clarity in Theory & Practical of Fine Arts and Conception.
P.S.O. (2) An intensive and extensive study of Ancient and Modern Artist's art & works.
P.S.O. (3) A detailed study of several art movements from Pre- Historic to Modern and the Contemporary Art trends.
P.S.O. (4) An advance approaches towards Eastern and Western conception of Art.
P.S.O. (5) Enhancement in Practical work up to Masters Level and helpful to establish commercially.
P.S.O. (6) Academic advancement and development of critical approach.
P.S.O. (7) The Extensive knowledge of different fields of Art and to pursue the appropriate scope and genre accordingly.
P.S.O. (8) Development of research aptitude. P.S.O (9) Students will come to know how to handle different medium

Course Outcomes (COs)

Paper of Course : MASTER OF ART (FINE ARTS) MFAL-1241
Course Title : (THEORY) Aesthetics & Principles of Art Appreciation
Semester : I
Course Outcome :
CO1: The student will be able to understand a new subject that is Aesthetics.
CO2: The course will Provide a detail study of two approaches of Aesthetics that is Eastern and Western.
CO3: The course will Provide a details knowledge about Aesthetics & Principles of Art.

Paper of Course : MASTER OF ART (FINE ARTS) MFAL-1242
Course Title : ((THEORY) History of Indian Art (2 ndcentury B.C 12th century A.d)
Semester : I
Course Outcome :
CO1: The student will provide a detail study of Indian art from pro 2nd century B.C.

CO2: The course will give detailed information about sculptor and early miniature painting of Indian.
CO3: The student will come to understand about Indian traditional methodology and styles of art in the history.

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAL-1243
Course Title **:** (PRACTICAL) LANDSCAPE PAINTING
Semester : I
Course Outcome :
CO1: The course will provide a detailed understandingof landscape painting.
CO2: The students will came to understand the phenomenon of landscape on the spot with light and shade and the tonal value directly from the spot.
CO3:The course will provide a phorough learning of earl perspective and linear perspective.

Paper of Course **:** MASTER OF ART (FINE ARTS)
Course Title **:** (PRACTICAL) COMPOSITION CREATIVE
Semester : I
Course Outcome :
CO1: The course will inanes the creative skills of the students .
CO2: The course will make the student to compose his thugs and cantnat on the canvas .
CO3: This course will develop an original stile of painting of the students.

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAL-2241
Course Title **:** (THEORY) Aesthetics & Principles of Art Appreciation
Semester : II
Course Outcome :
CO1: The student will be able to understand Aesthetics & Principles of Art on next level .
CO2: The course will Provide a detail study of indian scholar of Aesthetics and indian approach of Aesthetics Western theory of Aesthetics experience.
CO3: The student will come to understand the extensive knowledge of relationship of art with nature , Society and minority .

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAL-2242
Course Title **:** History of Indian Art (Post Classical Sculptures to 1850 A.D.)
Semester : II
Course Outcome :
CO1: The student will provide a detail study of Indian art from Post Classical Sculptures to 1850 A.D
CO2: The course will provide a phorogh knowledge of post classical Indian sculptures and development in Indian miniature painting.

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAP-2243
Course Title **:** (PRACTICAL) LANDSCAPE PAINTING
Semester : II

Course Outcome :
CO1: The course will provide a detailed understandingof landscape painting on next level .
CO2: The students will came to understand the phenomenon of landscape on the spot with light and shade and the tonal value directly from the spot with more mature observation .
CO3:The course will provide a phorough learning of earl perspective and linear perspective in advance level.

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAP-2244
Course Title **:** (PRACTICAL) COMPOSITION CREATIVE
Semester : II
Course Outcome :
CO1: The course will inanes the creative skills of the students on next level.
CO2: The course will provide the composing skills on advance level.
CO3: This course will develop a mature level of original stylization of work of the students.

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAL-3241
Course Title **:** (Theory) HISTORY OF EUROPEANART(Per-Historic- Early Renaissance)
Semester : III
Course Outcome :
CO1: The course will add to the knowledge of student, the wider scope of history of Art.
CO2: The course will give an extensive knowledge of other continents in which Art developed and touched the peaks.
CO3: With the study of this course students have a wider view and vision about ancient and medieval Art throughout the world.

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAL-3242
Course Title **:** (Theory) Modern Movements in Art in Europe, U.S.A.andIndia (mid 19thcentury to mid 20^{th} century)
Semester : III
Course Outcome :
CO1: The course exclusively focuses on the modern movement of Art which will make student to be able to understand all about modern Art.
CO2: The student will not only limit to one region of modern movement but he will study the international impact of modern movements in Art.
CO3: The course will help the student to understand how the change in the field of Art was required in the form of modern art.

Paper of Course **:** MASTER OF ART (FINE ARTS) MFAP-3243
Course Title **:** (Practical) Life Drawing & Painting
Semester : III
Course Outcome :
CO1: The course will provide the life study through model at master's level.
CO2: The understanding of figure will be sharpened through this course which makes the student independent and confident while developing a figurative painting.

CO3: All the elements of life drawing and painting will be studied scientifically which will sharpen the skill of drawing and painting from a live model.

Paper of Course : MASTER OF ART (FINE ARTS) MFAP-3244
Course Title : (Practical) Creative Composition
Semester : III
Course Outcome :
CO1: The course aims at the creative development of the students.
CO2: The student will create her work with her own imagination with having the knowledge of basic concept and principles of Composition.
CO3: The course will make the student able to think about expressing the work in his own style. CO4: This course will make the student independent in creating the subject at an advance level

Paper of Course : MASTER OF ART (FINE ARTS) MFAL-4241
Course Title : (Theory) HISTORY OFEUROPEANART (Early 15th century –mid 19th century)
Semester : IV
Course Outcome :
CO1: The course will add to the knowledge of student, the wider scope of history of Art.
CO2: The course will give an extensive knowledge of other continents in which Art developed and touched the peaks.
CO3: With the study of this course students have a wider view and vision about medieval Art exclusively throughout the world.

Paper of Course : MASTER OF ART (FINE ARTS)
Course Title : (Theory) Modern Movements in Art in Europe, U.S.A.andIndia (Early 20th century to Contemporary art)
Semester : IV
Course Outcome :
CO1:The course exclusively focuses on the modern movement of Art and post-modern movements which will make student to be able to understand all about modern Art.
CO2: The student will not only limit to one region of modern movement and post-modern movements but he will study the international impact of modern movements in Art.
CO3: The course will help the student to understand how the change in the field of Art was required in the form of modern art and post-modern art.

Paper of Course : MASTER OF ART (FINE ARTS)
Course Title : (Practical) Life Drawing & Painting
Semester : IV
Course Outcome :
CO1: The course will provide the life study through model at master's level.

CO2: The understanding of figure will be sharpened through this course which makes the student independent and confident while developing a figurative painting.
CO3: All the elements of life drawing and painting will be studied scientifically which will sharpen the skill of drawing and painting from a live model.

Paper of Course **:** MASTER OF ART (FINE ARTS)
Course Title **:** (Practical) Creative Composition
Semester : IV
Course Outcome :
CO1: The course aims at the creative development of the students.
CO2: The student will create her work with her own imagination with having the knowledge of basic concept and principles of Composition.
CO3: The course will make the student able to think about expressing the work in his own style.
CO4: This course will make the student independent in creating the subject at an advance level.

- **FACULTY OF ARTS & SOCIAL SCIENCES SYLLABUS of Bachelor of Arts (Journalism and Mass Communication) (Semester- I, III and V)**

Programme Specific Outcomes (PSO)

Bachelor of Arts (Journalism and Mass Communication)
PO 1: Students will be introduced to the basic aspects of mass communication and its various components. PO 2: Mass Media industries have developed in unprecedented ways due to changes in the society, economy, and technologies. There has been a corresponding change in the way the role of mass communication has been understood.
PO 3: In this course they will be introduced to the traditional modes of communication and as well as the digital modes of communication.
PO 4: During the course the students will be able to evaluate mass media within a wider context.
PO 5: Students will be introduced to new ideas through case studies, practical exercises, class presentations, screenings, and reading groups.

Course Outcomes (COs)

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION (BJ)ML - 1102
Course Title : COMMUNICATION SKILLS IN ENGLISH (Theory)
Semester : I
Course Outcome : At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION (BJML-1313)

Course Title : PRINCIPLES OF COMMUNICATION(THEORY)
Semester : I
Course Outcome : Understand the role of communication in personal & professional success.

- Develop awareness of appropriate communication strategies.
- Prepare and present messages with a specific intent.
- Analyze a variety of communication acts.
- Ethically use, document and integrate sources.•

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title : Reporting and Editing-I (THEORY
Semester : I
Course Outcome :
The unit will also teach the basics of journalism and news reporting.

- News structure, interview skills and news values will be made clear
- Agency and magazine journalism will also be taught.•

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title : Media and Politics (THEORY)
Semester : I
Course Outcome :
To understand role of press in freedom struggle of the India

- To impart knowledge about duties, responsibilities, principal and directions given by India constitution
- To understand the democratic setup and contribution of local, regional and national
- political parties for the development of the country to define the role and responsibilities of journalists for the uplifitment of the society•

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title : PHOTO JOURNALISM
Semester : I
Course Outcome : students will explore this immensely artistic as well as highly technical media in• this unit. The importance of photographs, techniques and utility of photography and its• applications in mass media will be made clear to them. Functioning of Photo agencies and publicity units will be made clear to them•

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title : Cyber Journalism(Theory)
Semester : III
Course Outcome : The unit will aware the students about the basic concepts of Cyber Journalism and its fundamental• concepts. Students will be given hands-on training as to how to write for Web Media.• Students will be taught the analysis of various web news portal and their impact in the media• industry.
Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION

Course Title **:** Reporting and Editing-II
Semester : III
Course Outcome : The unit will teach the basics of journalism and news reporting.• News structure, interview skills and news values will be made clear• Agency and magazine journalism will also be taught.•

Paper of Course **:** BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title **:** History of Broadcasting in India: Policies and Principles
Semester : III
Course Outcome : Students will be taught the inception of broadcasting in India• The commencement of AIR in India will also be unveiled to the students.• The beginning of Television and Doordarshan in India will be taught in the course.•

Paper of Course **:** BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title **:** News Feature Writing
Semester : III
Course Objectives:- The students will be taught the basic concepts of feature writing.• The students will be taught the process of research needed for feature writing.• Students will be given hands-on training as to how to write a well-balanced featur•

Paper of Course **:** BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title **:** Development and Communication
Semester : III
Course Objectives:- This course will develop an understanding of developmental issues in the mind of students• Will make them understand the importance of the subject as via this they can contribute to the• development of the country as future mass communicators

Paper of Course **: BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION**
Course Title **: Event Management: Principles and Methods(Theory)**
Semester **: V**
Course Objectives: To understand the scope• & concept of Event Management To understand the practical dimensions of Event Management.• To understand the role of PR in Event Management• To acquaint the students about various tools, concepts• & strategies of Event Management

Paper of Course **: BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION**
Course Title **:** Current Affairs: Contemporary Issue in Media-I
Semester **: V**
Course Objectives: To understand the various political• & social issues of the country. To inculcate newspaper reading habit in the students.• To understand the functioning of various International organizations.• To prepare the students for various competitive examinations•

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title : Media Research Methodologies (Theory)
Semester : V
Course Objectives:This course will enable the students to have a comprehensive understanding of the• issues and different approaches that are involved in undertaking research. Students will learn about how to conduct research individually and in a group in a clear• and imaginative manner. To make the students learn how to access, analyze and use the information by using a• range of research tools for their projects

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title : Social Media **(Theory)**
Semester : V
Course Objectives The limitless potential of Social Media in today's world will be revealed in this course• The primary goal is to help students use the power of the Internet as a powerful tool for• the Mass Communication. To understand the functioning• & mechanism of various social media platforms.

Paper of Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION
Course Title : Public Relations(THEORY)
Semester : V
Course Objectives: This course provides an introduction to the principles, concepts• & objectives of Public Relations. To understand the concept of Media Planning• & Handling which are integral parts of successful Public Relation strategy. To understand the mechanism of Public Relation in the context of New Media.•

- **FACULTY OF ARTS AND SOCIAL SCIENCES SYLLABUS (Semester I, III and V)**

PSO

Course Outcomes (COs)

Paper of Course : BACHELOR OF (BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-1212)
Course Title : Public Relations(THEORY)
Semester : I
Course Objectives: After passing this course, the students will be able to:
CO 1: appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu CO 2: comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them CO 3: understand fundamental grammatical rules governing tenses, the use of modal verbs and make correct usage in their language CO 4: develop an understanding of translation of written text from Hindi/Punjabi to English CO 5: independently write paragraphs on any given topic

Paper of Course : BACHELOR OF (BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-3212)
Course Title : ENGLISH (COMPULSORY)
Semester : III
COURSE OUTCOMES: After passing this course, the students will be able to:
CO 1: develop an understanding of the poems taught, relate to the socio-cultural background of England and be able to answer questions regarding tone, style and central idea
CO 2: comprehend the basics of grammatical rules governing relative clauses, adjectives, adverbs, conjunctions and prepositions
CO 3: enhance their reading and analysing power of texts through guided reading
CO 4: enrich their vocabulary and use new words in their spoken and written language
CO 5: develop skills to write an essay on a given topic

Paper of Course : BACHELOR OF (BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-5212)
Course Title : ENGLISH (COMPULSORY)
Semester : V
COURSE OUTCOMES: After passing this course, the students will be able to:
CO 1: widen their knowledge about various literary devices used in poetry such as tone, style, imagery, figures of speech, symbolism etc.
CO 2: develop power of imagination and appreciate the beauty, rhyme, and style of a poem
CO 3: analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed play
CO 4: develop an understanding of the insights, genres, conventions and experimentations associated with English Drama
CO 5: develop the knowledge, skills and capabilities for effective business writing such as letter writing and resume writing

Paper of Course : BACHELOR OF ARTS (BARL-1198)
Course Title : ENGLISH (ELECTIVE)
Semester : I
COURSE OUTCOMES :At the end of this course, students will be able to:

CO 1: understand various figures of speech and literary devices by studying the poems of prescribed poets
CO 2: understand the basics of dramatic genre, social and women related issues, with reference to the play, A Doll's House by Henrik Ibsen
CO 3: understand various literary terms and their significance CO 4: recognise phonetic symbols of English and transcribe monosyllabic words.

Paper of Course : BACHELOR OF ARTS (BARL-3198)
Course Title : ENGLISH (ELECTIVE)
Semester : III
COURSE OUTCOMES At the end of this course, students will be able to: CO1: acquire an understanding of sustained allegory, as well as the basic tenets of Marxism and Capitalism and the social implications of these theories, with reference to the novel, Animal farm by George Orwell CO2: understand various figures of speech and literary devices used in the poetry of the prescribed poets CO3: understand various literary terms and their significance CO4: recognize the phonetic symbols of the English language and be able to transcribe the monosyllabic, disyllabic and polysyllabic words

Paper of Course : BACHELOR OF ARTS (BARL-5198)
Course Title : ENGLISH (ELECTIVE)
Semester : V
COURSE OUTCOMES :At the end of this course, students will be able to:
CO1: learn about the basic features of Shakespearean tragedy, with reference to the play, Julius Caesar by William Shakespeare
CO2: form an idea about the violence and horror that marked Jacobean revenge tragedies through the study of the play, The Duchess of Malfi by John Webster
CO3: understand that war is not a romantic adventure as projected by war-monger politicians through the study of the hilarious comedy, Arms and the Man by George Bernard Shaw
CO4: understand various literary terms and their significance
CO5: attempt phonetic

Paper of Course : BACHELOR OF ARTS WITH ADDITIONAL COURSE OF HONOURS IN ENGLISH (BARL-3559)
Course Title : English Prose
Semester : III
COURSE OUTCOMES: After passing this course the students will be able to:
CO 1: be acquainted with the major trends of English prose writers with special reference to Francis Bacon, Charles Lamb, Bertrand Russell and George Orwell
CO 2: comprehend and appreciate the theme, style and language in the essays of Francis Bacon, Charles Lamb, Bertrand Russell and George Orwell
CO 3: to develop an appreciation for the literary content
CO 4: to enhance creative and critical thinking CO 5: to draw conclusions based on the comprehension of a prose text

Paper of Course : BACHELOR OF ARTS WITH ADDITIONAL COURSE OF HONOURS IN ENGLISH(BARL-5559)
Course Title : English Novel
Semester : V
COURSE OUTCOMES :After passing this course the students will be able to:
CO 1: be acquainted with eminent writers and their fictional works
CO 2: develop an interest in appreciation of fiction
CO 3: recognize various narrative techniques, styles and forms
CO 4: understand complex dynamics of human relationship
CO 5: analyze and appreciate the narrative technique, plot development and art of characterisation of the novelists.

Paper of Course : BACHELOR OF ARTS
Course Title : Sanskrit (Elective) - Kavya Evam Vyakarana
Semester : I
COURSE OUTCOMES:After passing this course the student will be able to:
CO1: understand the relationship of literature with history, society, culture and human behaviour.
CO 2: competence in Computational Sanskrit and e-content creation, Prepare for industry placement.
CO 3: develop communication, analytical skills to enhance their personality and employability.
CO 4: perform creative writing and competitive exams (UGC NET and PCS/IAS)

Paper of Course : BACHELOR OF ARTS (BARM - 3466)
Course Title : Sanskrit (Elective) Natak Tatha Vyakarana
Semester : III
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: understand the relationship of literature with history, society, culture and human behaviour.
CO 2: competence in Computational Sanskrit and e-content creation,
CO 3: develop communication, analytical skills to enhance personality and employability.
CO 4: perform creative writing and competitive exams (UGC NET and PCS/IAS)

Paper of Course : BACHELOR OF ARTS (BARM - 5466)
Course Title : Sanskrit (Elective) Neeti Katha Sahitya Tatha Vyakarana
Semester : V
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: understand the relationship of literature with history, society, culture and human behaviour.
CO 2: competence in Computational Sanskrit and E-content creation,
CO 3: develop communication, analytical skills to enhance personality and employability.
CO 4: perform creative writing and competitive exams (UGC NET and PCS/IAS)

Paper of Course : BACHELOR OF ARTS (BARL-1273)
Course Title : (HISTORY OF INDIA UPTO C. 1000)
Semester : I
COURSE OUTCOMES: After completing Semester I and course on Ancient Indian History, Students of History will be able to identify a complete grasp on the sources & writings of Ancient Indian History.

CO1: Identify and understand the emergence of earliest civilizations in Asia: Indus Valley Civilization and Aryan Societies.
CO2: Identify and analyses the Buddhist, Jain and Hindu faith.
CO3: To Analyse the emergence of the Maurya, and the Gupta empire during the classical age in India
CO4: To understand the various factors leading to rise and fall of empires and emergence of new dynasties and their Economy, administration, political and religious policies.
CO5: Students will be adept in constructing original historical argument based on primary source material research
CO6: Make students learn and identify the areas, location of historical importance and Civilization headquarters on map

Paper of Course : BACHELOR OF ARTS (BARL-1273)
Course Title : (HISTORY OF INDIA (A.D. 1707-1947)
Semester : III
Course Outcomes After completion of this course the students will be able to...
CO1: Understand the establishment and expansion of the British Rule in India.
CO 2: Evaluate the renaissance and social reform movement in India.
CO 3: Understand the evolution and growth of new education policy and the consequent rise of middle class
CO 4: Evaluate the Political, Economic and Social implications of the British Raj on Indian society.
CO 5: Comprehend the causes of the rise of Nationalism and the growth of Indian resistance to the British Rule.
CO 6: Understand the growth of communal divide in the country and its consequences

Paper of Course : BACHELOR OF ARTS (BARL-5273)
Course Title : HISTORY (HISTORY OF THE WORLD (1500-1956 AD)
Semester : V
Course Outcomes : After the completion of the course the students will able to...
CO: 1 Understand how Renaissance and Reformation changed the old world order
CO: 2 Learn about the causes of and aftermaths of the French revolution.
CO: 3. Understand the rise of Napoleon and how he steered the European politics.
CO: 4 Understand the historical process which lead to rise of nationalism in Europe.
CO: 5 Understand how the industrial revolution changed the world by inducing a race for colonialism and Nationalism in Europe.
CO: 6 Comprehend the factors that led to the division of the Europe into blocks ,resulting in the First and second World War.
CO: 7 Understand the Causes and impact of the revolutions in China and Russia.
CO: 8 Comprehend the impact of the second world war and resulting cold war.

Paper of Course : B.A. (HISTORY HONOURS)(BARL-3589)
Course Title : OPTION (II) AKBAR
Semester : III
Course Outcomes After passing this course, the students will
CO 1: Understand the formation, expansion and consolidation of Mughal Empire

CO 2: Discuss and understand the nature of the social, political, and religious foundations of Mughal India as a dynamic process with special reference to Akbar
CO 3: Comprehend the various policies initiated by the ruler to establish harmony and tolerance, needed today
CO 4: Evaluate the socio-economic and cultural patterns in understanding the polity and society as they took shape in the periods under study
CO 5: Explain the qualities that made Akbar successful and reasons that led to the downfall of the Mughal Empire
CO6: To understand the key features of Mughal period from the sixteenth to the eighteenth centuries

Paper of Course : Bachelor of Arts (BARL-5589)
Course Title : History: Honours (THE FRENCH REVOLUTION (1789–1799)
Semester : V
Course Outcomes: CO:1 what changes had been at work on European society during the 18th century?
CO: 2 Explain the origins and development of the French Revolution and Napoleonic rule; Evaluate the political, social and cultural legacies of the revolutionary and Napoleonic periods for France, Europe and the wider world.
CO:3 Evaluate the political, social and cultural legacies of the revolutionary and Napoleonic periods for France, Europe and the wider world.
CO:4 To examine how the members of the Third Estate gained not only political but also economic and social power while the First and Second Estates lost power.
CO : 5 To understand the French Revolution from a cultural perspective, particularly the building of French nationalism, through the adoption of a national hymn (La Marseilles) and a national flag whose symbols were not solely that of the monarch.

Paper of Course : Bachelor of (BARL-1431/ BSML-1431/ BSNL-1431/ BOML-1431/ BOPL-1431/ BCSL-1431/ BECL-1431/ BCRL-1431/ BBRL-1431/ BJML-1431/ BFDL-1431/ BHSL1431/ BCAL-1431/ BITL-1431 / BBTL-1431/BOEL-1431/ BCFL-1431 / BIDL-1431)
Course Title : Punjab History and Culture (From Earliest Times to C 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : I
Course Outcomes:After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.
CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Paper of Course : Bachelor of (BARL-3431/BSML-3431/BSNL-3431/BCSL-3431/BECL3431BCRL-3431/BBRL-3431)

Course Title : PUNJAB HISTORY AND CULTURE (FROM 1000-1605 A. D.) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester : III

Course Outcomes (After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab

CO 1: To able to construct original historical arguments using a blend of primary and secondary source material

CO 2: To be able to demonstrate the significance of historical topics with reference to broader historical context and their contemporary relevance

CO 3: Students will develop an ability to convey verbally their historical knowledge

CO 4: Students will DEVELOP SKILLS IN CRITICAL THINKING AND READING

CO 5: TO DISCUSS UNDERSTAND AND EVALUATE CAUSES AND RESULTS OF THE CONFLICT WITH MUGHALS.

Paper of Course :Bachelor of (BARL-5431/ BSML-5431/ BSNL-5431/ BCSL-5431/ BECL-5431/ BCRL-5431/ BBRL-5431)

Course Title : PUNJAB HISTORY AND CULTURE (FROM 1000-1605 A. D.) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester : V

Course Outcomes After completing the course student have understanding of Punjab in the pre-independence phase

CO 1:- Students will understand major changes in the Punjab during British Rule

CO 2:- They will also know about important agitations and their outcomes on the politics of the Punjab.

CO 3:- They will gain knowledge about the society and economy of Punjab

CO 4:-They will be able to evaluate the socio-religious reforms movements of Punjabi society

CO 5:- They will have insights into the details of the partition of Punjab

Paper of Course : Bachelor of Arts(BARL-1406)

Course Title : Political Theory I

Semester : I

Course Outcomes After completing Semester I, the students will able to understand the nature and scope of political theory, which will enable:

CO 1: To comprehend the significance of political theory.

CO 2: To give explanation about the theories, approaches, concepts and principles of political theory.

CO 3: To understand the procedure of different theoretical ideas in political theory.

CO 4: To understand the various traditional and modern theories of political science.

CO 5: To evaluate the theories of origin of the state. This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course : Bachelor of Arts(BARL – 3406)

Course Title : Indian Constitution

Semester : III

Course Outcomes After completing semester III, the student will have in-depth knowledge of Indian Constitution, which will enable:-

CO 1. To understand various dimensions of Indian Constitution.

CO 2. Understanding of structure and working of Indian political structures and different branches of governments.

CO 3. Understanding about the supreme courts initiatives in order to bring the social ,economic and political changes in the country.

CO 4. To evaluate the performance of democratic institutions of India and the impact of the policies of the government regarding the service provided by system. This course outcome will help the students in their further higher education programs and competitive exams

Paper of Course : Bachelor of Arts(BARL – 5406)

Course Title : Comparative Government and Politics

Semester : V

Course Outcomes CO: (Course Outcomes) After completing semester V, the student will have in-depth knowledge of different aspects of Comparative Political Systems, which will enable:-

CO 1: Tracing the evolution of Comparative Political System as a discipline in Political Science.

CO 2- Investigating the nature and scope of Comparative Political System.

CO 3- Critically analyzing the features of liberal democratic political systems with focus on UK and USA.

CO 4- Discussing the features of a federal system with special reference to USA in comparison with the unitary system of UK.

CO 5- Conducting an intensive comparative study of the Executive (UK, USA); Legislature (UK, USA); and the Judiciary (UK, USA).

CO 6- Critically looking at the rights of the citizens of UK and USA from a comparative perspective.

CO 7- Thoroughly analyse the political system of South Asia, particularly in the context of Afghanistan and Pakistan This course outcome will help the students in their further higher education programs and competitive exams

Paper of Course :Bachelor of Arts(BARL–3599)

Course Title : Political Science (Hons.) Public Administration

Semester : III

Course Outcomes :After completing semester III, the student will have in-depth knowledge of administration, which will enable:-

CO 1: This course lays the basic foundation of public administration and its close relationship in the context of administrative machinery.

CO 2: This course enhances understanding of good governance, delegated legislation and various principal of organization.

CO 3: This course helps them to understand the budgetary system of India.

CO 4: It provides the knowledge and guidelines regarding the different aspects of civil services in India.

CO 5: The purpose is to include the ethical values, dedication, honesty and hardworking among the students as the future nation builders. This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course :Bachelor of Arts(BARL–5599)
Course Title : Political Science (Hons.) Comparative Political Thought
Semester : V
Course Outcomes After completing semester V, the student will have in-depth knowledge about the ideas of Indian and western political thinkers, which will enable:-
CO 1: To know the importance of the ideology of Indian Political Thought as well as western political thought.
CO 2: To increase your mental development by studying the views of various Indian thinkers as well as western thinkers.
CO 3: To gain knowledge of its utility in the current political scenario.
CO 4: Understanding your practical life, ancient ideas and Current ideology by comparing the Indian and western political thinkers.
CO 5: Understanding the merits and demerits of political ideas and experimenting in your real life field. This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course :Bachelor of Arts(BARL–5599)
Course Title : Psychology (Basic Psychological Processes-I) (Theory)
Semester : I
Course Outcomes: After passing this course the student will be able to:
CO1: Know about the historical development of Psychology and gain knowledge about the origin of psychology as a science.
CO2: Develop a clear understanding of the general theoretical and scientific principles of intelligence, learning and individual differences.
CO3: Understand and apply various methods used in analyzing behavior of the individual and will be able to use measures of central tendency in psychological research. .
CO4: Measure simple reaction time, trial and error learning, verbal and non-verbal test of intelligence with the help of psychological tools and apparatus.

Paper of Course :Bachelor of Arts(BARM-4443)
Course Title : Psychology (Experimental Psychology-I) (Theory)
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: Have an understanding about the concept and process of experimentation.
CO2: Insight into different kinds of sensations and their related theories.
CO3: Detailed understanding and analysis of the process of perception and illusion in day to day life.
CO4: Basic introduction of normal probability curve and its importance in psychological research.

Paper of Course :Bachelor of Arts(BARM-5443)
Course Title : Psychology (Experimental Psychology-I) (Theory)
Semester : V
Course Outcomes: After passing this course the student will be able to:
CO1: To understand the concepts of normality and abnormality with its causes
CO2: To be aware of the history and classification systems of abnormality
CO3: To Better understand one‘s own and others‘ behavior by applying the knowledge of major theories of abnormal behavior.

CO4: To understanding the various approaches to the diagnosis and treatment of stress, alcoholism and drug abuse

Paper of Course :B.A. HONOURS (PSYCHOLOGY) (BARL-3619)
Course Title : HISTORY AND SCHOOLS OF PSYCHOLOGY (Theory)
Semester : III
Course Outcomes: At the end of this course student will be able to
CO1: know about the historical development of Psychology.
CO2: gain knowledge about the origin of psychology as a science
CO3: expand insight about various schools and systems of psychology

Paper of Course :B.A. HONOURS (PSYCHOLOGY) (BARL-5619)
Course Title : PSYCHOLOGICAL TESTING (Theory)
Semester : V
Course Outcomes: At the end of this course student will be able to
CO1: introduce to the students the history, importance and classification of psychological testing.
CO2: gain knowledge about the procedure of test construction and standardization.
CO3: expand insight about importance of validity, reliability and norms in psychological testing.

Paper of Course : Bachelor of Arts (BARL-1175)
Course Title : MICROECONOMICS
Semester : I
Course Outcomes: After passing this course students will be able to have an In-depth grounding in the preliminary concepts and theories in consumer behavior, cost and market structure and production behavior.

Paper of Course : Bachelor of Arts (BARL-5175)
Course Title : Economics of Development
Semester : V
Course Outcomes: After passing this course students will be able to:
CO1: understand the different path ways of economic development, recognize the importance of assumptions in development models and their policy implications.
CO2: critically evaluate economic problems of developing and least developed countries and participate in the contemporary policy debate on development priorities

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-1: MONEY AND BANKING
Semester : V
Course Outcomes: Bachelor Course Outcomes: After passing this course students will be able to:
CO1: understand several key models and concepts of monetary economics and banking theory.
CO2: demonstrate an understanding of nature of money and the role of banks and financial markets in the economy.
CO3: understand the role of banks in modern monetary economies and financial Intermediation.

CO4: understand the main policy challenges central banks face in choosing appropriate goals, instruments and targets in the conduct of monetary policy.
CO5: understand the main determinants of interest rates in bond and money markets

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-2: Public Finance
Semester : V
Course Outcomes: After passing this course students will be able to:
CO1: analyze the functioning of modern public finance.
CO2: classify public revenues and expenditures through the budget and to analyze the instruments and objectives of budgetary policy.
CO3: Study the Effects of public expenditure on production, distribution, social overhead capital, stability and Innovation

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-3 (History of Economic Thought)
Semester : V
Course Outcomes: After passing this course students will be able to:
CO1: understand key models and concepts of the history of economic thought.
CO2: produce simple appreciations of the history of economic thought texts.
CO3: understand the development of economic thought in the context of the evolving global economy and from a historical perspective

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-4: International Economics
Semester : V
Course Outcomes: After passing this course students will be able to:
CO1: understand economic relationship between countries, covering trade and monetary issues.
CO2: understand the balance of payment problems and the exchange rate determination.
CO3: understand the critical aspects of current policies environment such as economic integration, issues of international liquidity and reviews the financial crisis such as East-Asian crisis

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-5 (Industrial Economics)
Semester : V
Course Outcomes: After passing this course students will be able to:
CO1: understand the some advance concepts and theories of industrial structure, conduct and performance
CO2: understand the different sources of industrial finance and their significance to evaluate firms performance.
CO3: understand the role and basic models of advertisement expenditure and profitability; and role of R&D expenditure and innovations on the working of firms.
CO4: understand the Industrial policy and development process India.

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-6 (Economics of Agriculture)
Semester : V
Course Outcomes:) Course Outcomes: After passing this course students will be able to:
CO1: Understand the various theories of agriculture economics.
CO2: Analyze trends in production, productivity in green revolution and post green revolution era.
CO3: Understand the concept of Agricultural Finance& Agricultural credit.

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title :) OPT-7 (AGRICULTURAL MARKETING)
Semester : V
Course Outcomes: After passing this course students will be able to:
CO1: Describe different marketing activities and services that take place as agricultural commodities go from the farm gate to the plate.
CO2: Comment on agricultural trade, policies, trade barriers, and national organizations and agreements. CO3: Explain the importance of commodity varieties and qualities, and marketing place and time.
CO4: Differentiate among the different market intermediaries.

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-8 (Economics of Public Enterprises)
Semester : V
Course Outcomes: After passing this course students will be able to:
CO1: understand the role of public sector in economic development, objectives scope and growth of public sector in India.
CO2: compare the features, merits and demerits of different forms of public enterprises.
CO3: understand the management of public enterprises and personnel management in public enterprises.

Paper of Course : Bachelor of Arts/Bachelor of Science (Economics) (Economics Honours)
Course Title : OPT-9 (Econometrics)
Semester : V
Course Outcomes:After passing this course students will be able to:
CO1: understand the nature and methodology of econometrics.
CO2: understand the basic procedure of estimation of model and problems associated with it.
CO3: to perform tests of significance and estimate distributed lag models, production functions and some important macroeconomic functions

Paper of Course : Bachelor of Arts
Course Title : PHILOSOPHY
Semester : V
Course Outcomes: CO1. Philosophy as a subject is diverse and valuable.
CO2. It helps to build logical reasoning.
CO3. Philosophy helps to develop ethical values in students.
CO4. After opting this subject student will be able to work as a teacher, Editor and Counsellor.
CO4. This subject is very helpful in clear competitive exams.

Paper of Course : Bachelor of Arts
Course Title : PHILOSOPHY Elementary Philosophy
Semester : V
Course Outcomes :CO1. Philosophy as a subject is diverse and valuable.
CO2. It helps to understand the existence of being in this world, which is the question of all sciences students to
CO3. There are many answers that have been given to the major philosophical questions, and every such answer is not equally as plausible as every other. Your "job" is to seek the most plausible answer

Paper of Course : Bachelor of Arts(BARM- 3377)
Course Title : **PHILOSOPHY DEDUCTIVE** LOGIC AND APPLIED ETHICS
Semester :III
Course Outcomes: By the end of the course students will be expected to:
CO1. Have a knowledge and understanding of the ethical theories that can be used for dealing with practical moral problems.
CO2. Have learnt how to offer arguments for and against the main positions introduced and have learnt skills in the analysis and critical assessment of arguments.
CO3. Student Gained confidence in expressing ideas in open debate.

Paper of Course : Bachelor of Arts(BARL- 5377)
Course Title : PHILOSOPHY Western Metaphysics and Epistemology
Semester : V
Course Outcomes: Upon successful completion of this course, students will be able to:
CO1. Reflect critically upon their assumptions, values and mental models associated with their personal philosophy of life.
CO2. Apply cognitive competence of the major philosophical thinking on ethical behaviour. CO3. Take measure of the gap between what we do and what we ought to do.
CO4. Recognize and reflect on the interconnectedness of and the historical development of moral ideas in order to be conscious of the historical context of moral argumentation and its significance in our culture and the culture of others

Paper of Course : Bachelor of Arts(BARL- 1475)
Course Title : Fundamentals of Sociology –I
Semester : I
Course Outcomes: After completing the course the students will be able:
CO 1: To understand sociology as a discipline.
CO 2: To understand the role of social structures and institutions in shaping individual personalities
CO 3: To perceive the role of norms and values in social life.
CO 4: To critically analyse the society and the world around us.
CO 5: To acknowledge the relation of sociology with other social sciences.

Paper of Course : Bachelor of Arts(BARL- 3475)
Course Title : Society in India
Semester : III
COURSE OUTCOMES After passing the course, students will be able to:
CO 1: Understand sociology as a discipline.
CO 2: Comprehend the role of social structures and institutions in shaping an individual's personality.
CO 3: Perceive the role of norms and values in social life.
CO 4: Analyse the society and the world around them.
CO 5: Acknowledge the relation of sociology with other social sciences.

Paper of Course : Bachelor of Arts(BARL- 5475)
Course Title : Social Thought
Semester : V
COURSE OUTCOMES After passing the course, students will be able to:
CO 1: Understand the contributions of founding fathers of Sociology as an academic discipline.
CO 2: Define sociological theory, understand its features and describe and illustrate the role of theory in building sociological knowledge.
CO 3: Apply sociological concepts and theories to the real world and ultimately their everyday lives.
CO 4: Understand and learn how theories reflect the historical and social contexts of the times and cultures in which they were developed.

Paper of Course : Bachelor of Arts(BARL- 1414)
Course Title : Administrative Theory
Semester : I
COURSE OUTCOMES :After completion of Semester I, the students will be able to understand the nature and scope of Administrative Theory, which will enable:
CO 1: To appreciate the methodological pluralism and synthesizing nature of knowledge in Public Administration;
CO 2: To comprehend the changing paradigms of Public Administration;
CO 3: To acquaint with the theories, approaches, concepts and principles of Public Administration;
CO 4: To grasp the knowledge about the administrative theories and concepts to make sense of administrative practices.
CO 5: To Understand public administration theory and concepts from multiple perspectives. This course outcome will help the students in their further higher education programs and competitive exams

Paper of Course : Bachelor of Arts(BARL – 3414**)**
Course Title : Personnel Administration in India
Semester : III
COURSE OUTCOMES After completing semester III, the student will have in-depth knowledge of the working of Personnel Administration in India, which will enable:-
CO 1: Develop the understanding regarding the functions of Personnel Administration and their role in the administrative structure of India.
CO 2: This course will further enhance the knowledge about the recruitment and training component of the civil services in India.

CO 3: Impart the knowledge about the employee-employer relationships and various mechanisms for the eradication of corruption from the administrative machinery. This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course : Bachelor of Arts(BARL – 5414**)**
Course Title : Local Government (With Special Reference to Punjab)
Semester : V
COURSE OUTCOMES : After completing semester V, the student will have in-depth knowledge of the working of Local Government bodies, which will enable:-
CO 1: Tracing origin and evolution of local government in India.
CO 2- Investigating the nature and scope of local government.
CO 3- Discussing the features of a 73 rd and 74th Constitutional Amendment Acts and recommendations of various other committees.
CO 4- To understand the working of local bodies in India through democratic decentralization.
CO 5- Critically looking at the powers of local bodies and the major obstacles in way of their working. This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course : Bachelor of Arts(BARL-1295**)**
Course Title : Conceptual Understanding of Human Rights and Duties
Semester : I
COURSE OUTCOMES After completion of Semester I, the students will be able to understand the concept of Human Rights and Duties, which will enable:
CO 1: the students will learn about the basic classification of Rights and Duties.
CO 2: the students will inculcate the knowledge about the theoretical component of Human Rights.
CO 3: this course will also guide the students about the relationship between Human Rights and Duties.
CO 4: the students will grasp the knowledge about the basic understanding about the day to day violations of Human Rights in the society and will also suggest the remedial measures. This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course : Bachelor of Arts(BARL – 3295**)**
Course Title : Societal Issues of Human Rights in India
Semester : III
COURSE OUTCOMES: After completing semester III, the student will have in-depth understanding of societal problems regarding the human rights in India, which will enable:-
CO I:The students to have the knowledge regarding the Societal problems and theoretical approaches to Social problems and Social Changes.
CO 2: Understanding about the national initiatives for the protection of human rights of minorities, scheduled castes and scheduled tribes; aged &disabled and problems of women.
CO 3: The understanding of Offence involving Human Rights of Accrued, Inmates of Persons and Custodial Homes.
CO 4: This course lays the guidelines for improving the performance of Police and Jail system in more efficient manner.

CO:5 To aware the students about the rights to Legal Aid and legal mechanism in case of violation of Human rights . This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course : Bachelor of Arts(BARL – 5295**)**
Course Title : International Human Rights
Semester : V
COURSE OUTCOMES : After completing semester V, the student will have in-depth knowledge of the working of international bodies of Human Rights, which will enable:
CO 1: To identify the factors, which are responsible for the origin of various organizations of Human Rights at the international level.
CO 2- To understand the humanitarian issues and various mechanisms of Human Rights.
CO 3- To grasp the knowledge about the working of governments for the protection of human rights.
CO 4- Critically looking at the cases of violation of Human Rights and to find the possible solution. This course outcome will help the students in their further higher education programs and competitive exams.

Paper of Course : Bachelor of Arts(BARM-1357**)**
Course Title : Music Instrumental (Theory & Practical)
Semester : I
COURSE OUTCOMES : Music instrumental as a elective subject in B.A Sem – I Upon successfully completion of this course student will be able to know the basic concepts of music, which are –
CO1. Proficiency in playing Alankar , which are helpful in further learning of ragas.
CO2. To know the lives of great musician who are torch-bearers of Indian classical music.
CO3. To Know about your instrumental in structure, its sound Producing system and tuning of the instrumentals.

Paper of Course : Bachelor of Arts(BARM-3357**)**
Course Title : Music Instrumental (Theory & Practical)
Semester : III
COURSE OUTCOMES Music instrumental as a elective subject in B.A Sem – III Upon successfully completion of this course student will be able to know the basic concepts of music , which are –
CO 1. To Understand the basic swars played on Tanpura and basic note tuned on sitar.
CO 2. Sa- Pa Samvaad is appealing to students in well tuned instrument.
CO 3. Students are required to do Composition in Teental.

Paper of Course : Bachelor of Arts(BARM-5357**)**
Course Title : Music Instrumental (Theory & Practical)
Semester : V
COURSE OUTCOMES Music instrumental as a elective subject in B.A Sem – V Upon successfully completion of this course student will be able to know the basic concepts of music , which are –
CO1. Proficiency in playing Alankar , which are helpful in further learning of ragas.
CO2. To know the lives of great musician who are torch-bearers of Indian classical music.

CO3. To Know about your instrumental in structure , its sound Producing system and tuning of the instrumentals.

Paper of Course : Bachelor of Arts(BARM-1366**)**
Course Title : Music Vocal (Theory & Practical)
Semester : I
COURSE OUTCOMES :Upon successful completion of this course student will be able to know the basic concepts of music, which are –
CO1 . Proficiency in playing Alankar, which are helpful in further learning of ragas.
CO2. To know the lives of great musician who are torch bearers of Indian classical music.
CO3. To Know about Tanpura, its structure , its sound Producing system and tuning of the instrument.

Paper of Course : Bachelor of Arts(BARM-3366**)**
Course Title : Music Vocal (Theory & Practical)
Semester : III
COURSE OUTCOMES : Upon successful completion of this course student will be able to know the basic concepts of music , which are –
CO 1. Understand the basic Swars played on Harmonium, alongside singing various sargam phrases.
CO 2. Sa- Pa Samvaad is appealing to students‘ mind when they sing alankars and ragas ,thus understanding key features of Indian classical music.
CO 3. Students are able to sing Bandish in Teental and with continuous Riyaz , are able to perform.
CO 4. Harmonium Can be Used as helpful device.

Paper of Course : Bachelor of Arts(BARM-5366**)**
Course Title : Music Vocal (Theory & Practical)
Semester : V
COURSE OUTCOMES Upon successful completion of this course student will be able to know the basic concepts of music , which are –
CO 1. Understand the basic Swars played on Harmonium, alongside singing various sargam phrases.
CO 2. Sa- Pa Samvaad is appealing to students‘ mind when they sing alankars and ragas ,thus understanding key features of Indian classical music.
CO 3. Students are able to sing Bandish in Teental and with continuous Riyaz , are able to perform. CO 4. Harmonium can be Used as helpful device.

Paper of Course : Bachelor of Arts(BARM-1156**)**
Course Title : INDIAN CLASSICAL DANCE KATHAK(Theory & Practical)
Semester : I
COURSE OUTCOMES :Upon successfully completion of this course student will be able to know the basic concepts of music , which are –
CO1. During the process of graduation course while taking up classical dance as elective subject , students are actually toned physically , mentally and artistically
Co2. Learning and practicing dance improves muscle tones , muscle strength , endurance and fitness.
Co 3. It tones thighs, pelvis , arms , with peculiarities of body movements in art of dance .

Co4. Regular training and practice enables flexibility in body and help in various body movements during performance

Paper of Course : Bachelor of Arts(BARM-3156**)**
Course Title : INDIAN CLASSICAL DANCE KATHAK(Theory & Practical)
Semester : III
COURSE OUTCOMES B.A. Semester-III (Session 2020-21) INDIAN CLASSICAL DANCE KATHAK Course Code: Theory & Practical Course Outcome
CO1. During the process of graduation course while taking up classical dance as elective subject , students are actually toned physically , mentally and artistically
Co2. Learning and practicing dance improves muscle tones , muscle strength , endurance and fitness.
Co 3. It tones thighs, pelvis , arms , with peculiarities of body movements in art of dance .
Co4. Regular training and practice enables flexibility in body and help in various body movements during performance.

Paper of Course : Bachelor of Arts(BARM-5156**)**
Course Title : INDIAN CLASSICAL DANCE KATHAK(Theory & Practical)
Semester : V
COURSE OUTCOMES Upon successfully completion of this course student will be able to know the basic concepts of dance , which are –
CO1. During the process of graduation course while taking up classical dance as elective subject , students are actually toned physically , mentally and artistically
Co2. Learning and practicing dance improves muscle tones , muscle strength , endurance and fitness.
Co 3. It tones thighs, pelvis , arms , with peculiarities of body movements in art of dance .
Co4. Regular training and practice enables flexibility in body and help in various body movements during performance

Paper of Course : Bachelor of Arts(Fine Arts) BARM-1245(I)
Course Title : PAPER-1 (DRAWING AND PAINTING)
Semester : I
COURSE OUTCOMES CO1: The course will provide the basic knowledge of painting and sculptures of India. CO2: The student will able to know from where the history of Art started in her country.
CO3: The course also focuses on the basic principles and techniques of Art

Paper of Course : Bachelor of Arts(Fine Arts) BARM-1245(P-I))
Course Title : PAPER-II: STILL LIFE (DRAWING)Practical
Semester : I
COURSE OUTCOMES CO1: The course will provide the basics of drawing and color application.
CO2: The student will be able to understand the elements of Art practically while studying the objects in front.
CO3: The course also provides the basic knowledge of composition.

Paper of Course : Bachelor of Arts(Fine Arts) { BARM-1245(P-II)
Course Title : PAPER-II: LETTER WRITING(PRACTICAL)
Semester : I

COURSE OUTCOMES: CO1: The course gives the knowledge of basic calligraphy.
CO2: The student will able to learn each and every alphabet of different languages.

Paper of Course : Bachelor of Arts(Fine Arts) BARM-3245(I))
Course Title : PAPER 1 - (DRAWING AND PAINTING) (THEORY)
Semester : III
COURSE OUTCOMES :
COI: The course will provide the understanding of the advance level of sculptures in India.
CO2: The student will come to know and understand the other medium except stone i.e. metal.
CO3: The course will be helpful for the student to examine the development of the sculpture in that particular period

Paper of Course : Bachelor of Arts(Fine Arts) BARM-3245(P-I)
Course Title : PAPER-II: DESIGN 2D & 3D(PRACTICAL)
Semester : III
COURSE OUTCOMES: CO1: The course will provide the initial knowledge and basic understanding of design. CO2: The student will be able to execute 2D as well as 3D designs.
CO3: The course will provide folk, natural and geometrical patterns on which student have to create her design.

Paper of Course : Bachelor of Arts(Fine Arts) BARM- BARM-3245(P-II))
Course Title : PAPER-II: HEAD STUDY (MALE & FEMALE) (PRACTICAL)
Semester : III
COURSE OUTCOMES: CO1: The course will give the basic understanding of portraiture.
CO2: The student will be aware of the initial stage of portrait in monochrome.

Paper of Course : Bachelor of Arts(Fine Arts) (BARM-5245(I)))
Course Title : PAPER-I (DRAWING AND PAINTING) (THEORY)
Semester : V
COURSE OUTCOMES COI: The course will provide exclusive knowledge about Indian miniature painting.
CO2: The student will come to know and understand how the painting turned up towards miniature in different styles of different schools.

Paper of Course : Bachelor of Arts(Fine Arts) (BARM-5245(P-I)
Course Title : PAPER-II: LANDSCAPE (PRACTICAL FINE ARTS)
Semester : V
COURSE OUTCOMES: CO1: The course will give the knowledge of next level Landscape painting.
CO2: The student will come to observe the landscape on the spot basically.
CO3: Basic element of composition in landscape painting will be provided by this course

Paper of Course : Bachelor of Arts (Fine Arts) BARM-5245(P-II) (PRACTICAL) FINE ARTS
Course Title : PAPER-III: POTRAIT (HEAD STUDY)
Semester : V

COURSE OUTCOMES: COI: The course will provide the Advance understating of portrait drawing.
CO2: the course will make the student to learn portrait head study from live model in polychrome.

Paper of Course : Bachelor of Arts FASHION DESIGNING AND GARMENT CONSTRUCTION (VOCATIONAL) BARM-1237
Course Title : FASHION DESIGNING – 1 (THEORY)
Semester : I
COURSE OUTCOMES: CO1:-This course will provide knowledge about fashion terminology.
CO2:- Students will understand about fashion cycle.
CO3:- Students will learn about origin of clothing.
CO4:-Students will build knowledge of the fashion theories.
CO5:-students will gain knowledge about components of fashion

Paper of Course : Bachelor of Arts FASHION DESIGNING AND GARMENT CONSTRUCTION (VOCATIONAL) BARM-1237
Course Title : SCALE DRAWING AND GARMENT CONSTRUCTION (PRACTICAL)
Semester : I
COURSE OUTCOMES: CO1:- Students will be introduced to the sewing machine and its parts
CO2:- Students will gain knowledge about basic hand stitches used in clothing.
CO3:-This course will provide knowledge about basic seams and seam finishes.
CO4:-Students will learn different garment details like pleats, plackets, tucks, gathers etc.
CO5:-Students will be able to sketch basic fashion illustration.

Paper of Course : Bachelor of Arts FASHION DESIGNING AND GARMENT CONSTRUCTION (VOCATIONAL) BARM-3237
Course Title : FUNDAMENTALS OF TEXTILES-I (THEORY)
Semester : III
COURSE OUTCOMES: CO1:- Students will get to know the importance of textiles
CO2:-Students will understand the different terminologies of textiles.
CO3:- Students will understand the manufacturing process and properties of natural fiber.
CO4:- Students will understand the manufacturing process and properties of artificial fiber.
CO5:-Students will gain knowledge about different types of yarns.

Paper of Course : Bachelor of Arts FASHION DESIGNING AND GARMENT CONSTRUCTION (VOCATIONAL) BARM-3237
Course Title : PATTERN MAKING AND GARMENT CONSTRUCTION-I (PRACTICAL)
Semester : III
COURSE OUTCOMES: CO1:-Students will gain knowledge about dart manipulation with slash and spread and pivot method
CO2:-Students will gain the knowledge about drafting and adaptation of different skirts and necklines.
CO3:-Students will come to know about how to design different tops and skirts for women garments.
CO4:- Students will the gain knowledge about different construction techniques.
CO5:-Students will develop practical skills in Indian traditional embroideries

Paper of Course : Bachelor of Arts FASHION DESIGNING AND GARMENT CONSTRUCTION (VOCATIONAL) BARM-5237

Course Title : HISTORIC COSTUMES OF INDIA AND WORLD–I (THEORY)

Semester : V

COURSE OUTCOMES: CO1:-This course will provide knowledge about world historic costume.

CO2:-Students will learn about traditional costume of north India.

CO3:- It will provide the knowledge about traditional costume of west India.

CO4:-Students will gain knowledge about traditional textiles of India.

CO5:-This course will provide knowledge about traditional motifs and techniques of Indian textiles

Paper of Course : Bachelor of Arts FASHION DESIGNING AND GARMENT CONSTRUCTION (VOCATIONAL) BARM-5237

Course Title : ADVANCE DESIGNING, CONSTRUCTION & DRAPING–I (PRACTICAL)

Semester : V

COURSE OUTCOMES: CO1:- Students will learn about designing of garments

CO2:-. Students will gain knowledge about different draftings

CO3:- Students will be able to construct different garments.

CO4:-It will provide knowledge about pattern development.

CO5:-Students will get the knowledge about Draping

Paper of Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)

Course Title : Mathematics (Algebra) BARM/ BECM/ BCSM/ BSNM-1333(I)

Semester : I

COURSE OUTCOMES: Course Outcomes After passing this course, the students will be able to:

CO 1: Distinguish between solution of cubic equations and Bi-quadratic equations.

CO 2: Classify real quadratic form in variables, definite, semi- definite and indefinite real quadratic form.

CO 3: Understand the concept of matrix congruence of skew symmetric matrices and its reduction in real field.

CO 4: Solve system of linear equations and obtain Eigen values, Eigen vectors, minimal and characteristic equation of a matrix and to apply it in advanced dynamics and electric current.

CO 5: To find the relations between the roots and coefficients of general polynomial equation in one variable.

Paper of Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)

Course Title : Mathematics (Calculus and Trigonometry) BARM/ BECM/ BCSM/ BSNM-1333(II)

Semester : I

COURSE OUTCOMES: After passing this course, the students will be able to:

CO 1: Understand real number system, lub& glb of set of real numbers, limit of a function, basic properties of limit & to apply it in real world problem.

CO 2: Analyse continuous and discontinuous function, Apply concept of continuity in uniform continuity.

CO 3: Manage to solve problems related to successive differentiation, Leibnitz theorem, Taylor‘s & Maclaurin‘s theorem with various forms of remainders and to use these expansion to compute values of Sine, Cosine, tangent or log function.

CO 4: Understand the concept of De Moivre‘s theorem & its applications. Identify circular, hyperbolic function and their inverses and use these function to describe the shape of the curve formed by high voltage line suspended between two towers.
CO 5: Demonstrate exponential and logarithmic function of complex numbers, and to solve Gregory‘s series and summation of series

Paper of Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)
Course Title : Mathematics (Analysis)BARM/ BECM/ BCSM/ BSNM-3333(I)
Semester : III
Course Outcomes: After passing this course, the students will be able to:
CO 1: Demonstrate an understanding of limits and how they are used in sequences and series.
CO 2: To understand the concepts of Riemann sum, partitions, upper and lower sums, Riemann integrability of continuous functions and of monotone functions.
CO 3: To know and describe the converging behavior of improper integrals and Beta , Gamma functions.
CO 4: Distinguish between the absolute convergence and conditional convergence.
CO 5: To find the relation between Beta and Gamma functions.

Paper of Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)
Course Title : Mathematics (Analytical Geometry) BARM/ BECM/ BCSM/ BSNM-3333(II)
Semester : III
Course Outcomes: After passing this course, the students will be able to: CO 1: Understand the concept of the geometry of lines and conics in the Euclidian plane. CO 2: Develop geometry with a degree of confidence and will gain fluency in the basics of Euclidian geometry. CO 3: Sketch conic sections; identify conic sections, their focal properties and classifications. CO 4: Demonstrate the concept of parabola, ellipse, hyperbola, sphere and the general quadratic equation. CO 5: Understand the concept of coordinate geometry on a wider scale with the help of shifting of origin and rotation of axis.

Paper of Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)
Course Title : Mathematics (Dynamics) BARM/ BECM/ BCSM/ BSNM-5333(I)
Semester : V
Course Outcomes: After passing this course, the students will be able to:
CO 1: Identify the basic relations between distance, time, velocity and acceleration.
CO 2: Explain the relationship between forces and motion. Differentiate between balanced and unbalanced forces and Explain how unbalanced force affect motion.
CO 3: Understand Newton‘s Laws of Motion and Apply the laws to solve many problems.
CO 4: Discuss the motion of particles connected by a string, motion along a smooth inclined plane.
CO 5: Solve different types of problems with Variable Acceleration.
CO 6: Discuss Simple Harmonic Motion and Illustrate it with a variety of examples.
CO 7: Solve Pendulum, Damped and forced Oscillations oscillating system problems.
CO 8: Define Work, Power and Energy and Explain their relationship. Use measurement tools to apply the concepts of Work and power to solve real life problems.
CO 9: Define Energy and Identify the different types that exist

Paper of Course : Bachelor of Arts/ Bachelor of Science (Economics, Non-Medical, Computer Science)
Course Title : Mathematics (Number Theory) BARM/ BECM/ BCSM/ BSNM-5333(II) Course
Semester : V
Course Outcomes: Successful completion of this course will enable the students to:
CO 1: Prove results involving divisibility and greatest common divisors.
CO 2: Solve system of linear congruences.
CO 3: Find solutions of specified linear Diophantine equation.
CO 4: Apply Fermat's and Euler's theorem to prove relation involving prime numbers.
CO 5: Apply the Wilson's theorem to solve numerical problems.
CO 6: Solve system of equations using congruences.
CO 7: Understand and apply properties of phi functions in real world problems.
CO 8: Understand application of important arithmetic functions.

Paper of Course : Bachelor of Arts(JOURNALISM AND MASS COMMUNICATION (VOCATIONAL)
Course Title : JOURNALISM AND MASS COMMUNICATION (VOCATIONAL)
Semester : I
Course Outcomes
i. Students will be able to learn the basics of Communication Skills.
ii. The course will enable the students to have an understanding of different Models & Theories of Communication.
iii. The course will improve the Communication skills & Soft skills of the students.

Paper of Course : Bachelor of Arts(JOURNALISM AND MASS COMMUNICATION

Course Title : Writing for Print Media
Semester : III
Course Objectives: i. The course will enable the students to learn how to write for Print media.
ii. The course will enable the students to learn the working style & organizational structure of the newspaper office.
iii. The course will acquaint the students with the latest technology in the field of Print media.

Paper of Course : Bachelor of Arts(JOURNALISM AND MASS COMMUNICATION

Course Title : JOURNALISM AND MASS COMMUNICATION (VOCATIONAL) ADVERTISING

Semester : V
Course Objectives: i. The course will enable the students to learn the basics of Advertising.
ii. The course will enable the students to learn as to how to write for an ad & how to design a successful ad campaign.

iii. The students will learn the concept of Online Advertising & its application in today‘s world.

Paper of Course : Bachelor of Arts(COSMETOLOGY (VOCATIONAL)) BARM-1147
Course Title : COSMETOLOGY (VOCATIONAL) (THEORY)
Semester : I
Course Outcomes :CO 1 : Students know the importance of cosmetology and its objectives
CO 2 : Students enhance the beauty and groom the talking, walking, standing ,sitting skills
CO 3 : Grooming their self with perfect selection of dresses and accessories according to occasion
CO 4 : Students Improving the speaking skills
CO 5 : Students grab knowledge about person hygiene and learn healthy habits
CO 6 : Students know the growth and reproduction of bacteria and its types

Paper of Course : Bachelor of Arts(COSMETOLOGY (VOCATIONAL)) BARM-3147
Course Title : COSMETOLOGY (VOCATIONAL) (THEORY)
Semester : III
Course Outcomes : CO1: To have knowledge for the structure connected with hair follicle.
CO2: Students learn different techniques of scalp treatment with electrical equipments.
CO 3: Students learn about the basic knowledge of Nutrition
CO 4: Students learn about the functions of skin and hair
Co 5: Students lean the deep layers of hair its composition and its types

Paper of Course : Bachelor of Arts(COSMETOLOGY (VOCATIONAL)) BARM-5147
Course Title : COSMETOLOGY (VOCATIONAL) (THEORY)
Semester : V
Course Outcome: CO 1. Indentify and apply various make-up equipment and techniques used for professional application.
CO 2. Identify, analyze and apply color relationships and theories in the application of cosmetics and products for diverse skin types.
CO 3. Students able to determine the basic properties of Bacteria.
CO 4. To study the impact of Bacteria on Skin.
CO 5.To study the different types of sterilization strategies.
CO 6. To study the deep knowledge of hair types.

Paper of Course : Bachelor of Arts(COSMETOLOGY (VOCATIONAL)) BARM-5147
Course Title : Cosmetology (Vocational) Practical
Semester : V
Course Outcome: CO 1. Indentify and apply various make-up equipment and techniques used for• professional application.
CO 2.To learn the different types of hair styling•
CO 3. Students learn about how to drape saari and its settings•
CO4. Students learn about the different types of makeup•

Paper of Course : Bachelor of Arts(Home Science) BARM-1284
Course Title : FAMILY RESOURCE MANAGEMENT (Practical)
Semester : I
Course Outcome : Co (1) - To enable them clean and unpolished households metals
Co (2) - To enable them to use colours schemes for preparing texture sheets.
CO (3) - To Give Practical knowledge about floor decoration of alpana, rangoli for different occasions.

Paper of Course : Bachelor of Arts(Home Science) BARM-3284
Course Title : CLOTHING TEXTILES (PART–I) (THEORY)
Semester : III
Course Outcome :CO (1): the discuss different equipments for fabric construction.
CO (2): to get the insight of sewing machine, its care and common defects.
CO (3): To understand the classification and manufacturing of textile fibres.
CO (4): To get the concept of application of colour on fabric.
CO (5): To discuss different types of printing and method of washing.

Paper of Course : Bachelor of Arts(Home Science) BARM-3284
Course Title : CLOTHING TEXTILES (PART–I) (Practical)
Semester : III
Course Outcome : CO (1): To make basic hand and machine stitches and seams.
CO (2): To learn and make embroidery samples using 10 fancy stitches.
CO (3): To draft and stitch child bloomer and frock.
CO (4): To identify fibers through burning test. CO (5): To design and make articles by tie and dye and block printing.

Paper of Course : Bachelor of Arts(Home Science) BARM-5284
Course Title : Food And Nutrition And Child Development(Theory)
Semester : V
Course Outcome : CO (1) – To develop the knowledge about introduction to nutrition and storage methods of cereals, pulses, eggs, poultry, vegetables and fruit.
CO (2) – To distinguish between the different types of cooking methods- dry heat, moist heat, frying and microwave cooking.
CO (3) – To understand the knowledge about classification, functions and food sources, requirement, deficiencies of carbohydrates.
CO (4) – To develop the knowledge about classification. Food sources, functions and deficiencies of proteins, fats and oils.
CO (5) – To understand the knowledge about energy, food as a source of energy, the body need of energy.
CO(6) To study the development of aspects such as attention, memory and learning.
CO(7)To study the development phases in childhood with respect to these aspects.
CO(8) To link the study of development with the discipline of psychology in accordance to different theories

Paper of Course : Bachelor of Arts(Home Science) BARM-5284
Course Title : (Practical) Food And Nutrition And Child Development
Semester : V

COURSE OUTCOMES :Co (1) – To identify the different food stuff, weight and measures and cooking.
CO (2) – To distinguish between different types of cooking methods.
CO (3) – To develop the knowledge about cleaning of kitchen equipments, utensils, floor and cupboard.

Paper of Course : Bachelor of Arts(Physical Education)

Course Title : PHYSICAL EDUCATION
Semester :
COURSE OUTCOMES: Upon Successful Completion of this Semester-I, Students will be able to:
CO1: Understand the Meaning & Definition of Education and Physical Education, Aim and Objectives of Physical Education and also be able to apply this knowledge to analyse the Positive Relationship between Education and Physical Education.
CO2: Section gives a brief overview and addressing areas such as Biological Principles of Growth and Development, Age and Sex differences, it also highlights various Effects of Heredity and Environment on Growth and Development, different types of Age and Body types.
CO3: Show that they have learned the Concept of Personal Hygiene, Knowledge of First Aids and Treatment of Sports Injuries, Harmful effects of Alcohol and Smoking on Health and Concept of Doping and its Harmful Effects in Sports.
CO4: This section gives a brief overview and provides a context for the History of Physical Education in India from Pre-Independence and Post-Independence, Exercise Science, and Sport from earliest times to the present. It provides updates on the progress of Olympic Movement and Historical Development of Ancient and Modern Olympic Games and it‘s also offers expanded coverage of History of Commonwealth Games and Asian Games.

Paper of Course : Bachelor of Arts(Physical Education)
Course Title : PHYSICAL EDUCATION
Semester : III
COURSE OUTCOMES: Upon Successful Completion of this Semester III, Students will be able to:
CO1: Understand the Meaning & Definition of Psychology and Sports Psychology and also be able to apply this knowledge to analyse the Meaning of Learning, Laws of Learning, Learning Curve, Notion of Motivation, Play Theories, Psychological Factors Effecting Sports Performance, and Concept of Personality
CO2: Section gives a brief overview and addressing areas such as Transfer of Training, Factors Affecting Transfer of Training, Concept of Growth and Development, it also highlights and Role of Media in Promotion of Sports, Causes of Poor Performance of Sports in India, Concept of Socialization through Sports, Role of Politics and Economy in the Promotion of Games and Sports

Paper of Course : Bachelor of Arts(Physical Education)
Course Title : PHYSICAL EDUCATION (Theory)
Semester : V
COURSE OUTCOMES: Upon Successful Completion of this Semester, Students will be able to:
CO1: Understand the Meaning & Importance of Recreation and Aims & Objectives of Recreation, and also be able to apply this knowledge to analyse the Meaning of Intramural and Extramural Sports Competitions, Law of Motion, Equilibrium, Its Types, Centre of Gravity, Force and its Types, Friction.

CO2: Section gives a brief overview and addressing areas such as Muscular Contraction, Posture: Meaning and Types of Postures and Postural-Deformities, Meaning, Aims and Objective and Principles of Sports Training and Principles and Types of Massage and their benefits

Paper of Course : Bachelor of Arts / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)
Course Title : COMPUTER SCIENCE (COMPUTER FUNDAMENTALS& PC SOFTWARE)
Semester : I
Course Outcomes: After passing this course the student will be able to:
CO1: have knowledge of Computer components - hardware and software.
CO2: use computer system for general tasks at user level, including operative systems and programming environments.
CO3: gain knowledge on office automation software and recognize when to use a particular office program to create professional and academic documents.

Paper of Course : Bachelor of Arts / Bachelor of Science (Computer Science) / Bachelor of Science (Economics) BARM-3134 BCSM-3134 BECM-3134
Course Title : COMPUTER SCIENCE (COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS)
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: Understand numerical methods, nonlinear equations, interpolation methods and Simultaneous Solution of Equations.
CO2: Learn about Interpolation and Curve Fitting and Numerical differentiation.
CO3: Learn Correlation, Regression, Bivariate & Multivariate distribution and Interpretation of Trend Analysis

Paper of Course : Bachelor of Arts / Bachelor of Science (Computer Science) / Bachelor of Science (Economics) BARM-5134 BCSM-5134 BECM-5134
Course Title : COMPUTER SCIENCE (DATA BASE MANAGEMENT SYSTEM & ORACLE)
Semester : V
Course Outcomes: After passing course the student will be able to:
CO1: Understand data, database and database models.
CO2: Gain knowledge of normalization and transaction control.
CO3: Gain knowledge of core database language-SQL.
CO4: Have a basic understanding of concepts of PL/SQL.

Paper of Course : Bachelor of Arts / Bachelor of Science(Economics) BARM-1124 BECM-1124
Course Title : COMPUTER APPLICATION (VOCATIONAL) (COMPUTER FUNDAMENTALS & PC SOFTWARE)
Semester : I
Course Outcomes: After passing this course the student will be able to:

CO1: gain knowledge about various generations of computers.
CO2: understand the functionalities of hardware and software parts of the computer system.
CO3: make use of computer as per the need.
CO4: use and configure essential office applications including word processing, spreadsheets etc.

Paper of Course : Bachelor of Arts / Bachelor of Science(Economics) BARM-3124 BECM-3124
Course Title : COMPUTER APPLICATIONS (VOCATIONAL) (OPERATING SYSTEM)
Semester : III
Course Outcomes: After passing this course the student will be able to:
CO1: Understand the basic knowledge of operating system, its types and functions.
CO2: Have knowledge of Unix operating system and its uses.
CO3: Gain knowledge about piping, filters, batch processing, shell programming and vi editors.

Paper of Course : Bachelor of Arts / Bachelor of Science(Economics) BARM,BCEM-5124
Course Title : COMPUTER APPLICATIONS (VOCATIONAL) (INTERNET AND WEB DESIGNING)
Semester **: V**
Course Outcomes: After passing course the student will be able to:
CO1: Understand Internet basics and it‘s working.
CO2: Gain knowledge of email service on different mail servers. CO3: Understand different Internet protocols and search engines.
CO4: Have knowledge of basic web designing using markup languages.

FACULTY OF VOCATIONAL STUDIES

Master of Arts (Cosmetology) Semester: I & III

Programme Specific Outcomes (PSO)

Programme Specific Outcomes Master of Arts (Cosmetology) Session 2020-2021

PSO1 -Cosmetology is the study and application of beauty treatment. It is the science which focuses on making people look good. It comprises many branches which include beauty therapy and treatments for face, hair, body and overall health care.

PSO2- A cosmetologist is an expert in makeup, skin care and beauty products. He or she provides beauty services that include cosmetic care for hair, skin and body.

PSO3- Students who are interested to become a cosmetologist need to obtain certain educational and licensing requirements. With the right educational qualification and license, cosmetologists can work in several industries and may also be self-employed.

PSO4- The job roles range from the regular haircut, hair wash, perming, styling, colouring, and hair extensions to manicure, pedicure and facials

PSO5- The career possibility in the industry of beauty is endless. This industry offers various careers for these professionals to excel and grow. It is a lucrative career option with earnings increasing with experience and reputation Trained cosmetologists find well paid jobs in beauty parlours, high-end salons and in luxurious hotels/resorts Makeuphair style.

PSO6- Beauty therapists give treatment for the face, hair, skin, and the body. Threading, facials, massages, skin treatments, manicure and pedicure are all included in Beauty therapy. They also advice on skin care, makeup.

PSO7- Beauticians specialize in doing make up for marriages, for TV and film performances and special occasions.

PSO8- Specialized areas of work are electrolysis, permanent make-up used to give a permanent lip-line or eye-line, aroma therapy which uses fragrances and essences for beauty treatment, etc.

PSO9- Beauty advisors market cosmetics, help customers identify the skin/ hair type and give advice on how to treat minor ailments. They give advice on the use of cosmetics, general health/fitness advice, treatment and training is given in yoga/aerobics/health clubs by specialists in fitness and exercise.

Course Outcomes (COs)

Name of Course: Master of Arts (Cosmetology) MCYM-1141
Paper: ANATOMY AND PHYSIOLOGY OF SKIN
Semester: I
Course Outcomes :
CO1: Apply concepts and knowledge of the general terminology, cellstructure and function, histology, gross anatomy, and physiology related to the integumentary, skeletal, muscular and nervous systems to novel technical and/or clinical scenarios.
CO2: Evaluate information on human health and medical research as to its social, environmental, and ethical implications as part of responsible citizenship.
CO3: Use scientific laboratory equipment in order to gather and analyze data on human anatomy and physiology.
CO4: Understand skin functions and how relevant dysfunction contributes to disease.
CO5: Approach dermatologic disease with an understanding of basic skin structure
CO6: Students get awareness about the skin.

Name of Course: Master of Arts (Cosmetology) MCYM-1142
Paper: BEAUTY AND WELLNESS
Semester: I
Course Outcomes :
CO 1: Students get knowledge of skin and personal grooming.
CO 2: Understand why personal hygiene is an important part of good health maintenance
CO 3: Understand what areas are included in health maintenance
CO 4: Know when to offer choices when providing personal care
CO 5: Understand that professional ethics should always be applied when providing personal care.

Name of Course: Master of Arts (Cosmetology) MCYM-1143
Paper : MASSAGE
Semester: I
Course Outcomes :
CO 1: Create a safe massage environment.
CO 2: Integrate various massage skills to provide effective massage therapy techniques in a clinical setting.
CO 3: Students are given basic bodywork techniques and skills needed to be.
CO 4: Employed as a massage therapist. CO 5: Students get advance knowledge about massages.
CO 6: Beauty therapists give treatments for the face, hair, skin, and the body facials, massages, skin treatments are all included in Beauty therapy. They also advice on skincare, Massage and Body SPA

Name of Course: **Master of Arts (Cosmetology) MCYM-1144**
Paper : SKIN CARE
Semester: I
Course Outcomes :
CO 1: The purpose of this course is to provide students with the knowledge to identify terminology related to skin, products and treatments with the demonstration of proper application of cosmetics related to skin care.
CO 2: Create a safe massage environment.
CO 3: Integrate various massage skills to provide effective massage therapy techniques in a clinical setting.
CO 4: Students get advance skin care techniques.

Name of Course: **Master of Arts (Cosmetology) MCYM-1144**
Paper : Business Management
Semester: III
Course Outcomes :
COS.1 Students develop the knowledge base about the physical facility needed for different types of food services unit.
COS.2 Imparts necessary expertise to manage the financial aspects in the unit.
COS.3 Get a chance to learn the principles of personal management.
COS.4 Analyzing the financial performance of an organization.
COS.5 Analyzing the skills in today's business environment

Name of Course : **Master of Arts (Cosmetology)** : MCYM-3142
Paper : Advance Therapies for Skin & Health
Semester: III
Course Outcomes :
COS. 1 Provides knowledge and necessary information of all the latest different therapies given for the overall improvement of health and beauty.
COS. 2 Students can make use of the therapies for releasing the stress, fatigue, tension, depression.
COS. 3 Get a chance to practice appropriate safety and sanitation procedure.
COS.4 Students get opportunity to understand the role of physiotherapy in the context of the health needs.
COS.5 Students are able to perform a safe, systematic and appropriate therapy assessment for different conditions

Name of Course: **Master of Arts (Cosmetology)** : MCYM-3143
Paper : The Magic of Massage
Semester: III
Course Outcomes :
COS.1 Discussion of the purpose of massage.
COS.2 Demonstration of the manipulation of massage.
COS. Demonstration of appropriate safety and sanitization procedures.
COS.4 Students are able to the assess of imbalance and structural dysfunction.
COS.5 Students are trained to determine the effective treatment strategies.

Name of Course: **Master of Arts (Cosmetology)** : MCYM-3144
Paper : Maquillage Technique
Semester: III
Course Outcomes :
COS. 1 Understanding the pattern for applying makeup techniques for all type of skin complexions.
COS. 2 Students are trained to apply appropriate cosmetic to enhance a client's appearance.
COS.3 Students know the advance techniques of applying makeup.
COS.4 Identifying and applying various makeup equipments and techniques use for professional application.

• Faculty of Vocational Studies SYLLABUS of Masters of Science Fashion Designing and Merchandising (Semester-I and III)

Name of Course: Masters of Science (Fashion Designing (MFDL-1231)
Paper : History of Indian Costumes (Theory)
Semester: I
Course Outcomes :
CO1. The course will help students to know about origin of historical costumes.
CO2. They will learn about the evolution of Indian costumes.
CO3. Students will gain knowledge about costumes of ancient Indian civilizations.
CO4. They will attain knowledge about traditional costumes of different states of India.
CO5. Students will learn about dance costumes of India.

Name of Course : Masters of Science (Fashion Designing and Merchandising) MFDM-1232
Paper : Communication Skills in English (Theory + Practical)
Semester : I
Course Outcomes :
After passing this course the students will be able to:
CO 1: Know the basic principles of Communication and express their creative and innovative abilities in correct spoken and written English.
CO 2: Write effective business letters and articles related to their field.
CO 3: Enhance their listening skills with the help of exercises based on different types of conversation, news and TV reports/programmes.
CO 4: Take notes and distinguish the main points from the supporting details and the irrelevant information from the relevant one.
CO 5: Use different fashion terms in English, with ease and confidence.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-1233
Paper : Fashion Illustration (Practical)
Semester: I
Course Outcomes :
CO1. Students will gain knowledge about various art mediums like charcoal, steadlers , posters, water colors, pastels and ink.
CO2. Students will know about different color schemes.
CO3. Students will attain knowledge of different types of designs and their proper application.
CO4. They will gain knowledge about patterns and motifs
CO5. Students will be skilled in rendering textures of various fabrics and materials.
CO6. They will lean about basic block figure and flesh figures of kids.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-1234
Paper : Product Development-Workshop (Practical)
Semester: I
Course Outcomes :
CO1. The course will focus on the knowledge of design process in making a collection.
CO2. Students will learn about design research, design inspirations and sourcing.
CO3. Students will learn about placement and layouts.
CO4. Students will gain knowledge about pattern development. CO5. Students will be able for construction and finishing of the garments.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-1235
Paper : Product Development-Workshop (Practical)
Semester: I
Course Outcomes :
CO1. The students will gain knowledge about the importance of pattern development.
CO2. They will learn as how to create structural design.
CO3. Students will learn about various latest grading techniques used in the field of fashion design.
CO4. They will gain knowledge about drafting of various sleeves, collars, skirts etc.
CO5. They will attain knowledge about contoured patterns.
CO6. Students will learn about dart manipulation.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-1236
Paper : Fashion Illustration (Practical)
Semester: I
Course Outcomes :
CO1. Students will learn about how to draw female and male fashion figures.
CO2. They will learn how to draw fashion figures in various postures. CO3. Students will gain knowledge about drawing of facial features.
CO4. They will learn to draw dress details in different mediums. CO5. Students will gain knowledge about different apparels and their variations.
CO6. They will learn about basic block figures of male and female.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDL-3231
Paper : Global Costumes (Theory)
Semester: III
Course Outcomes :
CO1 Students will get knowledge about history of global costumes
CO2 Students will learn about various ancient civilisations
CO3 Students will learn about garments and accessories of various ancient civilisations
CO4 Course will enable students to know about journey of costumes from ancient times to 20th century fashions.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDL-3232
Paper : Research Methodology (Theory)
Semester: III
Course Outcomes :
CO1. The course will focus on preparing the students for research projects.
CO2. The course will help the students to know about the importance of research.
CO3. Students will learn about research methodology.
CO4. It will provide the knowledge about research process i.e. data collection, analysis and result findings.
CO5. Students will be able to know statistical techniques used in data analysis.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-3233
Paper : Product Development-Workshop (Practical)
Semester: III
Course Outcomes :
CO1. The course will focus on design development.
CO2. Students will learn about pattern development and layout.
CO3. Students will learn design inspiration and sourcing.
CO4. Students will be able to construct male garments.
CO5. The course will enable students to learn about various design features and finishing of the male garment.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-3234
Paper : Textile chemistry (Practical))
Semester: III
Course Outcomes :
CO1. It will provide them the knowledge of Textile Testing
CO2. Students will understand the aspects of dyeing of various fabrics.
CO3. This course will give knowledge about fibre identification
CO4. It will provide them the knowledge of fabric identification
CO5. Students will be able to learn about making a complete garment with design elements using draping technique.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-3235
Paper : Computer Aided Fashion Designing (Practical)
Semester: III
Course Outcomes :
CO1. Students will be able to make a collection based on theme using Corel draw and Photoshop.
CO2. They will learn to create mood board, ideation and swatch board on different themes.
CO3. They will learn to create their own curriculum vita.
CO4. The course will provide knowledge of patterns and layout using advanced software.
CO5. They will develop portfolio using CAD

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDP-3236
Paper : Surface Ornamentation (Practical)
Semester: III
Course Outcomes :
CO1. The course will provide knowledge of different types of printing.
CO2. Students will know about dyeing and painting as ornamentation technique.
CO3. Students will learn about needle craft.
CO4. The course will provide knowledge about quilting, macrame and crocheting also.
CO5. Students will be able to embellish their apparels by incorporating all these fabric ornamentation techniques.

Name of Course: Masters of Science (Fashion Designing and Merchandising) MFDS-3237
Paper : Indian Traditional Textiles Seminar
Semester: III
Course Outcomes :
CO1. It will provide the knowledge of different textiles of India.
CO2. It will give the knowledge of rich heritage of textiles.
CO3. The course will focus on different traditional weaving techniques of India.
CO4. It will provide the knowledge of rich traditional embroideries of India.
CO5. It will enable the students to know more about Indian fabrics with emphasis on texture design and colours.

Faculty of vocational studies SYLLABUS of Post Graduate Diploma in Garment Construction and Fashion Designing For (Semester: I)

Programme Specific Outcomes (PSO)

- Post Graduate Diploma in Garment Construction & Fashion Designing

Programme Specific Outcomes: On successful completion of P.G. Diploma. Programme in Garment Construction & Fashion Designing students will be able to:

• PSO1:- Engage with the variety of drawing techniques and processes for design and illustration.

• PSO2:- Support creative ideas with appropriate technical information.

• PSO3:- Create a collection, referencing current trends and influences relevant to the target market. • PSO4:- Articulate design ideas verbally, visually and digitally.

• PSO5:- Develop systematic, critical approach to problem solving at all levels of the design process. • PSO6:- Relate the design process to the appropriate manufacturing process.

• PSO7:-Function independently with forward looking ability to promote their inventive personal design vision through the creative work they present.

• PSO8:-Create global design products utilizing their advanced knowledge of new technology and traditional craft.

• PSO9:-Demonstrate professionalism by managing time to meet deadlines with quality work.

• PSO10:- Apply comprehensive abilities in creating and presenting product for entry-level positions in the fashion industry

Course Outcomes (COs)

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PGFL-1231

Paper : FASHION CONCEPTS (THEORY)

Semester: I

Course Outcomes :

)• CO1:- Student will learn the basic concepts of fashion.

• CO2:-Students will understand the importance of drafting.

• CO3:- Students will gain the knowledge about different fashion terminologies.

• CO4:- Students will gain the knowledge about fashion cycle and fashion forecasting.

• CO5:- Students will also learn about elements and principles of design.

• CO6:- They will also learn about fashion adoption theories.

• CO7:- They will also learn about origin of clothing.

• CO8: They will also learn about factors affecting clothing choices

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing **PGFP-1232**
Paper : FASHION ILLUSTRATION (PRACTICAL)
Semester: I
COURSE OUTCOMES
• CO1:- Students will gain the knowledge about color and its dimensions.
• CO2:- Students will gain knowledge about different color schemes.
• CO3:-They will learn how to render different fashion details.
• CO4:- Students will also understand how to draw different postures of fashion illustrations

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PGFP-1233
Paper : GARMENT DESIGNING (PRACTICAL)
Semester: I
COURSE OUTCOMES :
• CO1: Students will come to know about how to design different kids wear garments by taking various inspirations.
• CO2: Students will understand the importance of layout.
• CO3: Students will also learn about different illustration techniques.
• CO4: Students will gain the Knowledge about style reading.
• CO5: Students will also come to know about latest fashion news and design.

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PGFP-1234
Paper : GARMENT CONSTRUCTION (PRACTICAL)
Semester: I
COURSE OUTCOMES :
• CO1:- Students will understand the operation of sewing machine and its proper care.
• CO2:- Students will gain the knowledge about different hand and machine stitches.
• CO3:- Students will also learn about the stitching of different collars, sleeves, plackets and pockets.
• CO4:-Students will gain the knowledge about construction of different dresses for kids.
• CO5:-Students will understand how to take orders from customers and will also come to know how to design and stitch garments for them.
• CO6:- Students will get to know the use and importance of drafting in garment construction.

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PGFP-1235
Paper : PATTERN MAKING (PRACTICAL)
Semester: I
COURSE OUTCOMES : • CO1:- Students will gain knowledge about the importance of pattern development.
• CO2:- Students will learn about how to develop various kid's sleeves.
• CO3:- Students will learn about how to develop various kid's collars.
• CO4:- Students will also learn about various kid's skirts.
• CO5:- Students will understand how to develop industrial commercial paper pattern and its importance.

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PGFP-1236
Paper : WORKSHOP: SURFACE ORNAMENTATION (PRACTICAL)
Semester: I
COURSE OUTCOMES :
• CO1: Students will get to know about basic embroidery stitches.
• CO2: Students will achieve knowledge about different techniques of needle craft like patchwork, appliqué, quilting and smocking.
• CO3: Students will learn about different fabric printing and painting techniques.
• CO4: Students will also understand how to produce value added products with various surface ornamentation techniques

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PGFP-1237
Paper : WORKSHOP: SURFACE ORNAMENTATION (PRACTICAL)
Semester : I
COURSE OUTCOMES : CO1:- Students will learn about different traditional embroideries of various states.
CO2:- Students will learn about different fabric printing techniques.
CO3:- Students will also learn resist dyeing techniques like batik and tie & dye.
CO4:- Students will also understand how to produce value added products with various surface ornamentation techniques

• FACULTY OF VOCATIONAL STUDIES SYLLABUS of Post-Graduate Diploma in Cosmetology Semester: I

PROGRAMME SPECIFIC OUTCOMES Post-Graduate Diploma in Cosmetology (Semester-I) Session: 2020-2021 PSO1 -Cosmetology is the study and application of beauty treatment. It is the science which focuses on making people look good. It comprises many branches which include beauty therapy and treatments for face, hair, body and overall health care.

PSO2- A cosmetologist is an expert in makeup, skin care and beauty products. He or she provides beauty services that include cosmetic care for hair, skin and body.

PSO3- Students who are interested to become a cosmetologist need to obtain certain educational and licensing requirements. With the right educational qualification and license, cosmetologists can work in several industries and may also be self-employed.

PSO4- Hair styles/hair dressers specialize in hair care, cutting, styling and setting.

PSO5- Cosmetologist study everything related to beauty from daily care to specialized techniques that enhance the appearance.

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PCYM-1141
Paper : Personality Development
Semester : I
COURSE OUTCOMES : CO 1 : To know the importance of cosmetology and its objectives
CO 2 : Students enhance the beauty and groom the talking, walking, standing ,sitting skills
CO 3 : Grooming their self with perfect selection of dresses and accessories according to occasion
CO 4 : Students Improving the speaking skills
CO 5 : To grab knowledge for person hygiene and learn healthy habits
CO 6 : To know the growth and reproduction of bacteria and its types

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PCYM-1142
Paper : External Skin Science
Semester : I
COURSE OUTCOMES : CO 1 : To grab the knowledge on cells and there growth and reproduction
CO 2: Students learn the deep layers of skin and functions and its types and learn how to cure different types of skin problems
CO 3: Students know about different muscles and nerves of face and body for perfect massage and manipulation and relaxation
CO 4 : Students learn the steps of facial massage and pressure points for relaxation
CO 5 : To grab the knowledge for the theory of massage and its benefits and different facial therapies

Name of Course : Post Graduate Diploma in Garment Construction & Fashion Designing PCYM-1143
Paper : Hair and Scalp (THEORY)
Semester : I
COURSE OUTCOMES: CO 1: Students lean the deep layers of hair its composition and its types

CO 2: To have knowledge for the structure connected with hair follicle
CO 3: This subject also teaches growth and replacement of hair with its hair cycle and hair pigments
CO 4: To know about the hair analysis for curing the problems related to scalp and hair
CO 5: Students learn different techniques of scalp treatment with different electrical equipments

FACULTY OF VOCATIONAL STUDIES SYLLABUS of Diploma in Fashion Design (Semester: I)

Programme Specific Outcomes (PSO)

Diploma in Fashion Session 2020-21 Program specific outcomes

PSO 1: Students will be able to operate sewing machine and also rectify their• problems.

PSO 2: Students will be familiar with various fabric stitching techniques in both hand• stitches as well as seam finishes.

PSO 3: Students will comprehend various garment construction techniques like• placement of plackets, pockets, pleats, tucks and gathers.

PSO 4: Students will build knowledge of elements and principles of design.•

PSO 5: Students will get acquainted with concept of color and color schemes.•

PSO 6: Students will learn in depth various illustration techniques ;figure sketching,• basic croquie formation and overall figure.

PSO 7: Students will be made capable to make layouts and estimate the fabrics for• various garments.

PSO 8: Students will master in MS word, coral draw and photo paint techniques.•

PSO 9: Students will able to coral draw in texture designing and fashion illustrations.•

PSO 10: Students will be incisive in construction garments for both kids and female• outfits

Name of Course : Diploma in Fashion Design (Semester I) DFDP-1231
Paper : Fashion Designing And Construction (Practical)
Semester : I

COURSE OUTCOMES:

CO1: Student will be introduced to the sewing machine and its maintenance.
CO2: Students will be imparted knowledge of various part of ,achine used for sewing.
CO3: Students will understand the common problems and the remedies of the working of sewing machine
CO4: Students will get familiar with sewing techniques i.e basic hand stitches used in clothing.
CO5: Students will understand the basic seams and seam finishes used in cloth in construction.
CO6: Students will get acquainted with the garment details like darts, pleats, tucks and gathers.
CO7: Students will be incisive with the placement of plackets and pockets in garment Construction.
CO8: Students will apply these fabric stitching techniques in garment construction for kids.

Name of Course : Diploma in Fashion Design (Semester I) DFDP-1232
Paper : Scale Drawing (Practical)
Semester : I

COURSE OUTCOMES: CO1: Sudents will build an understand about the fundamental, elements and principles of design.

CO2: Students will get acquainted with the concept of color and various scheme.
CO3: Students will learn about fashion design concepts. Its types and illustration techniques.
CO4: Students will gain knowledge of figure sketching, basic croqui formation and overall figure stylization.

Name of Course : Diploma in Fashion Design (Semester I) DFDP-1233
Paper : Dress Designing and Style Reading (Practical)
Semester : I
COURSE OUTCOMES:
CO1: Students will make the student analysis various fashion details for designing various kid outfits.
CO2: Students will be made aware of various illustration techniques used on fashion.
CO3: Students will be made aware of fashion layout concept.
CO4: Students will made capable of estimating the fabric for different garments for kids.
CO5: Students will made aware of latest fashion trends through and acceptability market survey.

Name of Course : Diploma in Fashion Design (Semester I) DFDP-1234
Paper : CAD (Practical)
Semester : I
COURSE OUTCOMES:
CO1: Students will be introduced to MS word and its tools in details.
CO2: Students will be introduced to coral draw and photo paint.
CO3: student will apply coral draw in texture designing.

• FACULTY OF VOCATIONAL STUDIES

SYLLABUS of Diploma in Textile Design (Semester: I)

Diploma in Textile Design Session 2020-21 Programme Specific Outcomes

PSO1: Students will be abled to apply various color schemes in different types of• designs.

PSO2: Students will gain knowledge about the importance of basic shapes and types• of lines for the formation of designs to create patterns.

PSO3: Students will learn methods of surface ornamentation techniques like painting,• printing and dyeing to produce value added products.

PSO4: Students will be introduced to weaving and weaving techniques to make value• added products. PSO5: Students will gain knowledge about different types of traditional embroideries• of India and also will be incisive in applying them.

PSO6: Students will learn computer aided designing to create fashion illustrations.•

PSO7:They will learn to create different types of textures and compositions in• modern art through computer aided designing.

Name of Course : Diploma in Textile Design (Semester I) DTDP-1231
Paper : Nature Study (Practical)
Semester : I

COURSE OUTCOMES: CO1. Students will learn about various objects, patterns in nature.•

CO2. Students will gain knowledge about various colors techniques.•

CO3. Students will know about various color schemes and their applications.•

CO4. Students will attain knowledge of different types of designs and its proper application.

Name of Course : Diploma in Textile Design DTDP-1232
Paper : Design Development (Practical)
Semester : I

COURSE OUTCOMES: CO1. The students will gain knowledge about the importance of basic shapes.•

CO2. They will learn as how to create different types of design.

- CO3. Students will learn about various techniques used in design.
- CO4. They will attain knowledge to create patterns in different designs.
- CO5. Students will learn about types of lines for the formation of designs.•

Name of Course : Diploma in Textile Design DTDP-1233
Paper : Surface Ornamentation (Practical)
Semester : I

COURSE OUTCOMES: CO1. The students to will learn methods of surface ornamentation of fabric using• different techniques to produce value added products.

CO2. The students will gain knowledge about the importance of paintings.•

CO3. Students will learn about various techniques of paintings.•

CO4. They will learn as how to create different types ofdesign for painting.•
CO5. They will develop practical skills of paintings and dyeing.•

Name of Course : Diploma in Textile Design DTDP-1234
Paper : Fabric Construction: Weaving (Practical)
Semester : I
COURSE OUTCOMES: CO1.Students will be introduced to weaving terminology.•
CO2.Students will gain knowledge about loom and various weaving techniques.•
CO3.Students will attain knowledge of different types of weaving designs.•
CO4.Students will be able to make value added products using these weaving• techniques.

FACULTY OF VOCATIONAL STUDIES SYLLABUS of Diploma in Cosmetology (Semester: I)

Programme Specific Outcomes (PSO)

PROGRAMME SPECIFIC OUTCOMES Diploma in Cosmetology Session – 2020-2021

PSO1 -Perform hair care services for all types of hair including hair analysis, hair cutting, hairstyling, hair coloring and lightening, permanent waving and chemical relaxing.

PSO2-Perform natural nail services including manicuring and pedicuring.

PSO3- Perform basic skin care services including skin analysis, facials, makeup and superfluous hair removal.

PSO4- Demonstrate customer service skills, self-growth and personal development.

PSO5- Perform salon business such as front desk operations, dispensary inventory and loss prevention, resume building and interviewing skills, self marketing and the basic knowledge of starting one's own salon business.

PSO6- To have the knowledge of decontamination control, public hygiene and special sanitation procedures used for the protection of the client and the operator.

PSO7-Possess the necessary skills to pass the Washington State licensure written and practical exams required for a professional license to work in the Cosmetology industry.

Name of Course : Diploma in Cosmetology
Paper : Paper-1(DCYL-1141)
Semester : I

COURSE OUTCOMES: CO 1: Students know about the impotence of Cosmetology and objectives

CO 2 : To create awareness about the skin

CO 3 : To know different muscles and nerves of face and body for perfect massage and Manipulation and relaxation

CO 4 : Students impact knowledge of skin and personal grooming

CO 5 : The course teaches the theory and techniques of different types of make ups.

Name of Course : Diploma in Cosmetology
Paper : Paper-2(DCYL-1142)
Semester : I

COURSE OUTCOMES: CO 1: Yoga learn both the Physical and Meditative Properties of the Practice of Yoga. CO 2: Perform hair care services for all types of hair including hair analysis, hair cutting, hairstyling, hair coloring and lightening, permanent waving and chemical relaxing.

CO 3: Students able to provide specialist hair and scalp treatments.

CO 4: Understand how health and safety policies and procedures affect specialist hair and Scalp treatments.
CO 5: Understand the factors that influence specialist hair and scalp treatments
CO 6: Understand the science of specialist hair and scalp treatment
CO 7: Understand the products, tools, equipment and techniques, for hair and scalp treatments

Name of Course : Diploma in Cosmetology
Paper : Paper-3(DCYL-1143)
Semester : I
COURSE OUTCOMES: CO 1 : Students know different muscles and nerves of face and body for perfect massage and Manipulation and relaxations
CO 2 : The course teaches the theory and techniques of different types of make ups.
CO 3 : Students able to recognize trends and quick fashion tips..
CO 4 : The course teaches the theory and techniques of stage makeup and includes work in specific phases of the makeup process

Name of Course : Diploma in Cosmetology
Paper : Paper-4(DCYL-1144)
Semester : I
COURSE OUTCOMES: CO 1 : Yoga learn both the Physical and Meditative Properties of the Practice of Yoga. CO 2 : Students able to provide specialist hair and scalp treatments.
CO3 : Understand the products, tools, equipment and techniques, for hair and scalp treatments
CO 4 : Students able to prepare for haircutting services

Program Specific Outcomes

Bachelor of science (Fashion Designing) Session 2020-21 Program Specific Outcomes

• PSO1: This programme will give students a strong sense to think and forecast.

• PSO2: This programme will focus on integral elements of the subjects ranging from fabric analysis, understanding principles of design, fashion illustration, pattern making and garment construction.

• PSO3: This programme abides by the evolving trends, norms, cultural dynamics and innovations of the Indian and International fashion industry.

• PSO4: Students being innovative design thinkers will be enabled to apply comprehensive abilities in creating and presenting products.

• PSO5: This programme will help students to achieve technical skills to analyze and execute a design.

• PSO6: Students will be trained to imbibe aesthetics of design and create collections for consumers.

• PSO7: This programme will enable students to create their original designs which convert their artistic talent and creativity in creating products like clothing, textiles, jewelry, footwear and other accessories.

• PSO8: This programme will make students eligible and competent enough to exhibit their fashion skills to satisfy their creative fancies.

• PSO9: The students will emphasize on practical and industry oriented methodology and training.

• PSO10: Students will get aware of ever changing market trends and related fashion.

• PSO11: Students will be enabled to use latest computer aided methods of design to work in fashion industry.

Course Outcomes (COs)

Name of Course : Bachelor of Science (Fashion Designing)
Paper : Punjab history and culture (BFDL-1431)
Semester : I

COURSE OUTCOMES: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of Course : Bachelor of Science (Fashion Designing)
Paper : COMMUNICATION SKILLS IN ENGLISH (THEORY)
Semester : I
COURSE OUTCOMES: At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of Course : Bachelor of Science (Fashion Designing)
Paper : CONCEPT OF FASHION (BFDL-1233)
Semester : I
COURSE OUTCOMES: • CO1: Students will get acquainted with fashion terminology.
• CO2: Students will get clarity about different fashion concepts, principles and their importance in today's world.
• CO3: Students will get aware of the movement of fashion and factors affecting it.
• CO4: Student will build knowledge of the fashion theories.
• CO5: Students will understand in depth the fashion cycle.
• CO6: Students will get knowledge of social and psychological aspects of clothing.

Name of Course : Bachelor of Science (Fashion Designing) BFDM-1234
Paper : BASICS OF DESIGN AND ILLUSTRATION
Semester : I
COURSE OUTCOMES: • CO1: Students will be introduced to art media and its application in day to day life.
• CO2: Students will build an understanding about the fundamentals, elements, and principles of design.
• CO3: Students will get acquainted with the concept of color and various color schemes.
• CO4: Students will learn about fashion design concepts. Its types and illustration techniques.
• CO5: Students will practically be enabled to use different design and color concepts in figure, both still and in motion.
• CO6: Students will gain knowledge of figure sketching, basic croqui formation and overall figure stylization.

Name of Course : Bachelor of Science (Fashion Designing) BFDM-1235
Paper : BASIC OF SEWING-I
Semester : I
COURSE OUTCOMES: • CO1: Students will be introduced to the sewing machine and its maintenance.
• CO2:Students will be imparted knowledge of various parts of machine used for sewing

• CO3: Students will understand the common problems and the remedies of the working of sewing machine. . • CO4: Students will get familiar with sewing techniques i.e basic hand stitches used in clothing.
• CO5: Students will understand the basic seams and seam finishes used in clothing construction.
• CO6: Students will get acquainted with the garment details like darts, pleat ,tucks and gathers.
• CO7: Students will be incisive with the placement of plackets and pockets in garment construction.

Name of Course : Bachelor of Science (Fashion Designing) BFDM-1126
Paper : BASICS OF COMPUTER
Semester : I
COURSE OUTCOMES: After passing this course the student will be able to:
• CO1: Students will analyze basic working of computer and its components.
• CO2: Students will gain knowledge of computer Equipments- hardware and software.
• CO3: Students will recognize how to use word processing software for creating professional documents

Name of Course : Bachelor of Science (Fashion Designing) BFDM-1237
Paper : FIBRE TO FABRIC
Semester : I
COURSE OUTCOMES :
• CO1: Students will build knowledge of textile terminology.
• CO2: Students will get knowledge of fiber, sources of fibers and their definitions.
• CO3: Students will understand the essential and desirable properties of fibers and classification of the same.
• CO4: Students will understand the physical and chemical properties of natural and synthetic fibers and will be enabled to differentiate between them.
• CO5: Students will be provided with knowledge of yarn science and yarn properties.
• CO6: Students will be capable to undertake visual identification of different types of yarns.

Name of Course : Bachelor of Science (Fashion Designing) AECD-1161
Paper : DRUG ABUSE (THEORY)
Semester : I
COURSE OUTCOMES : • CO1. This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;
• CO2. How to be supportive during the detoxification and rehabilitation process.
• CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
• CO4.Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

Name of Course : Bachelor of Science (Fashion Designing) BFDM-3231
Paper : COLOR CONCEPTS AND COLOURATION
Semester : III
COURSE OUTCOMES :

• CO1: Students will gain knowledge about color concept and color schemes.
• CO2: Students will get clarity of concept of pigments and pigment theory.
• CO3: Students will get incisive with types of designs, patterns and their application on textiles.
• CO4: Students will get acquainted with types of dyes, stages of dyeing, and different dyeing techniques.
• CO5: Students will learn about printing and types of printing techniques.
• CO6: Students will be imparted knowledge about types of finishes used for different fabrics.
• CO7: Students will learn the practical implementation of modern and traditional motifs.
• CO8: Students will develop practical skills of employing printing and dyeing techniques on textiles.

Name of Course : Bachelor of Science (Fashion Designing) BFDM -3232
Paper : PATTERN MAKING AND GARMENT CONSTRUCTION
Semester : III
COURSE OUTCOMES : • CO1: Students will be introduced to the concept of pattern making.
• CO2: Students will learn about different aspects of pattern making and to construct pattrens.
• CO3: Students will gain knowledge about pattern envelope.
• CO4: Students will conceptualize about pattern layout and its types and will practically construct them.
• CO5: Students will get incisive with the idea of economical use of fabric.
• CO6: Students will learn to develop and construct basic foundation pattern.
• CO7: Students will become proficient in the use of techniques of dart manipulation.
• CO8: Students will get apparent in creating different style lines by eliminating darts.
• CO9: Students will learn to calculate fabric for different Garments.
• CO10: Students will gain an understanding to prepare fabric for constructing a garment.
• CO11: Students will be able to construct different garment using different garment details

Name of Course : Bachelor of Science (Fashion Designing) (BFDM-3233)
Paper : KNITTING TECHNOLOGY
Semester : III
COURSE OUTCOMES : • CO1: Students will be introduced to the concept of knitting.
• CO2: Students will be imparted knowledge about different aspects of knitting technology.
• CO3: Students will get conversant with the difference between knitted and woven fabrics.
• CO4: Students will get familiarize with hand and machine knitting concepts.
• CO5: Students will get aware about the defects in knitted fabrics and how to maintain their quality.
• CO6: Students will get acquainted about various knitted garments.
• CO7: Students will develop practical skills of knitting to make value added products.

Name of Course : Bachelor of Science (Fashion Designing) BFDP-3234 (PRACTICAL)
Paper : FASHION DESIGN AND ILLUSTRATION
Semester : III
COURSE OUTCOMES • CO1: Students will gain knowledge about the various garment details like collars, necklines, sleeves, cuffs.
• CO2: Students will get apparent with the sketching of various types of accessories for different age groups.
• CO3: Students will understand the concept of sketching of different apparels and their variations.
• CO4: Students will learn how to render different textures for different types of fabric.
• CO5: Students will get familiar as to how to create different silhouettes.

• CO6: Students will acquire knowledge about draping of various garments on dress forms.

Name of Course : Bachelor of Science (Fashion Designing) BFDP-3235
Paper : NEEDLE CRAFT (PRACTICAL)
Semester : III
COURSE OUTCOMES :
• CO1: Students will be enabled to learn methods of surface ornamentation on fabric using different techniques to produce value added products.
• CO2: Students will get knowledge about the material and tools used for different surface ornamentation techniques.
• CO3: Students will be conversant with different fabrics, stitches, techniques and various color combinations.
• CO4: Students will learn about various textiles of India from floor coverings to woven textiles.
• CO5: Students will get aware of different motifs and designs used for particular embroideries and their application on textiles.
• CO6: Students will develop practical skills in needle craft techniques.

Name of Course : Bachelor of Science (Fashion Designing) BFDL-5231
Paper : LEATHER TECHNOLOGY (Theory)
Semester : V
COURSE OUTCOMES :
CO1:-The course will provide knowledge about the history of leather.
CO2:-It will provide the knowledge about leather industry.
CO3:-Students will learn about manufacturing of leather. CO4:-Students will able to know leather and leather goods.
CO5:-Students will get the knowledge about finishing of leather.
CO6:- It will provide the knowledge about health hazards in leather industry.

Name of Course : Bachelor of Science (Fashion Designing) BFDP-5232
Paper : FASHION ILLUSTRATION AND APPRECIATION (Practical)
Semester : V
COURSE OUTCOMES : CO1. Students will gain knowledge about various art mediums like charcoal, steadlers , posters, water colors, pastels and ink.
CO2. Students will know about different color schemes.
CO3. Students will attain knowledge of different types of designs and their proper application.
CO4. They will gain knowledge about patterns and motifs.
CO5. Students will be skilled in rendering textures of various fabrics and materials.

Name of Course : Bachelor of Science (Fashion Designing) BFDP-5233
Paper : DRAPING, PATTERN MAKING AND CONSTRUCTION (Practical)
Semester : V
COURSE OUTCOMES :

CO1:-This course will provide knowledge about draping in detail.
CO2:-Students will learn about Pattern development.
CO3:- It will provide the knowledge about designing of garments.
CO4:-Students will understand how to construct ethnic wear and night wear.
CO5:-Students will get the knowledge about finishing of garments

Name of Course : Bachelor of Science (Fashion Designing) BFDP-5234
Paper : CAD (COMPUTER AIDED DESIGNING) (Practical)
Semester : V
COURSE OUTCOMES :
CO1. Students will learn about Adobe Illustrator.
CO2. They will gain knowledge about Photoshop software.
CO3. Students will learn how to create fashion and design illustrations in CAD .
CO4. They will attain knowledge about various tools of Photoshop and Adobe Illustrator.
CO5. Students will learn to make various fashion details.

Name of Course : Bachelor of Science (Fashion Designing) BFDI-5235
Paper : INTERNSHIP FOR DESIGN AND CONSTRUCTION OF GARMENTS
Semester : V
COURSE OUTCOMES :
CO1:- From this course students will gain the knowledge from fabric to finished garments
CO2:-Students will learn about stitching, printing or embroidery in industry.
CO3:- Students will understand the working of industry
CO4:-Students will understand how to design garment in industry.
CO5:-Students will get the knowledge about how to construct garments in industry

• FACULTY OF VOCATIONAL STUDIES SYLLABUS of Post Graduate Diploma in Textile Designing (Semester: I)

Programme Specific Outcomes (PSO)

Post Graduate Diploma in Textile Designing (Semester –I) Session 2020-21 Programme Specific Outcomes

PSO-1: Students will get information about various traditional Indian textiles.

- PSO-2: Students will gain knowledge about various fabric construction methods.
- PSO-3: Students will learn about textile chemistry

.• PSO-4: This programme will help them to get knowledge about different printing and dyeing• methods.

PSO-5: They will also learn about computer designing.

- PSO-6: Students will gain knowledge about different surface ornamentation techniques.
- PSO-7: They will learn to create different types of textures and compositions in modern art• through computer aided designing.

PSO-8: It will help the students to know, how to create different traditional and modern designs.

PSO-9: Students will come to know the importance of market survey in textile deigning.•

Name of Course : Post Graduate Diploma in Textile Designing (PTDL-1231)
Paper : TEXTILE CHEMISTRY-I (Theory)
Semester : I

COURSE OUTCOMES :

CO1.Students will be imparted the knowledge of fibre, sources of fibres, their definitions and¬ properties.

CO2.Students will be imparted knowledge of yarn science and yarn properties.¬

CO3.Students will be understood the chemical structure of textile fibres and the effect of various¬ chemicals on them.

CO4.Students will be exercise original thinking in the analysis and evaluation of textile materials¬ & structures, and their applications.

CO5.Students gain an understanding of yarn formation and weaving technologies.¬

Name of Course : Post Graduate Diploma in Textile Designing (PTDL-1232)
Paper : TEXTILE DYEING PRINTING & FINISHES)
Semester : I

COURSE OUTCOMES : CO1. Students will be imparted knowledge of colour and colour schemes.¬

CO2. Students will be imparted knowledge about design¬ & its types.

CO3.To acquaint students with different types of printing and dyeing techniques.

¬ CO4.To enable students to develop practical skills of printing and dyeing.¬

CO5.students will be analysis of how mordents affect the behaviour of dyes which is vital to¬ both selecting pigments and establishing processing methods that allow to achieve the desired colour results.

- **FACULTY OF VOCATIONAL STUDIES SYLLABUS FOR Bachelor of Vocation (Animation) (Semester I, II, III, IV & V)**

Programme Specific Outcomes (PSO)

Bachelor of Vocation (Animation) Session: 2020-21 Programme Specific Outcomes: Students opting for B.Voc. Programmes on course completion/exit points will be able to:

PSO1. Understand the animated or live film making process different stages i.e. preproduction, Production and Post Production.

PSO2. to Implement the use of storyboarding, Screenplay, Foundation Art, in essential preproduction process to develop a film concept.

PSO3. Demonstrate & Implement the knowledge of Principles of animation, graphic design, 2d animation, 3d modelling, texturing & Lighting, rigging & animation in Production process.

PSO4. To implement the use of audio editing, video editing, and VFX in Post –production

PSO5. Produce a portfolio of artwork that is research and development oriented, and that integrates the principles, techniques and skills acquired in the coursework. (Graphic design, 3d modelling, texturing & Lighting, rigging & animation, video editing)

PSO6. Gain real world project experience throughout their learning cycle, & Internships (Industry Exposure) that helps them to better understand the roles and processes in wide range of computer generated design and animation careers.

PSO7. Enhance career prospects based on skill areas and make them employable in different segments of Media and Entertainment industry.

PROGRAMME OUTCOMES:

Bachelor of Vocation (Animation) Session: 2020-21 BACHELOR OF VOCATION (B.Voc.) Students opting for B.Voc. Programmes on course completion/exit points will be able to:

PO1: get better job opportunities and can make informed choices due to enhanced skill-set owing to Industrial exposure through internships/ training in the specific work area of choice.

PO2: understand, develop and observe work practices and ethics required to sustain and grow professionally in the industry concerned.

PO3: communicate messages effectively within a team as well as to business clients/customers through written communication such as email, letters, reports, memos etc and verbal communication like a telephonic conversation or PowerPoint presentation to a group.

PO4: adapt to the work environment and are able to work on time-bound assignments/projects individually or within a team, for a company or as a freelancer.

PO5: apply knowledge acquired during the course to update w.r.t changing Industrial requirements and stay relevant to the job-at-hand

Course Outcomes (COs)

Name of Course : Bachelor of Vocation (Animation) BVAL-1431
Paper : Punjab History & Culture (From Earliest Times to C. 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : I
COURSE OUTCOMES: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.
CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of Course : Bachelor of Vocation (Animation) BVAL-1102
Paper : COMMUNICATION SKILLS IN ENGLISH
Semester : I
COURSE OUTCOMES: Bachelor After passing this course the student will develop the following Skills:
CO1: Reading skills that will facilitate them to become an efficient reader.
CO2: The ability to realise not only language productivity but also the pleasure of being able to articulate well.
CO3: The power to analyse, interpret and infer the ideas in the text.
CO4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking.
CO5: Writing skills of students which will make them proficient enough to express ideas in a clear and grammatically correct English.
CO6: Ability to plan, organise and present ideas coherently on a given topic. CO7: The skill to use an appropriate style and format in writing letters (formal and informal.)

Name of Course : Bachelor of Vocation (Animation) BVAM-1113
Paper : COMPUTER FUNDAMENTALS FOR ANIMATION
Semester : I
COURSE OUTCOMES: On Completion of this course, the student will be able to:
CO1: To understand the basic functionality of various parts of computer and terminologies related to computers, peripherals, graphics and supporting software.
CO2: To work with Word documents and apply various formatting techniques, page setup, creation of tables, tables of contents and other functions required in day-to-day word processing tasks.
CO3: To be able to make presentations, adding graphics, charts, audio, video and applying various themes and transition effects required for making an effective PowerPoint presentation.
CO4: to understand internet terms like URL, browser, search engines, and using an email account.

Name of Course : Bachelor of Vocation (Animation) BVAM-1114
Paper : FOUNDATION ART
Semester : I

COURSE OUTCOMES: The objective of this course is to develop Visual and creative aspect of an Artist and teach required skills for an artist like proportion, perspective, anatomy study, light & shade, different sketching styles, different art mediums etc. After passing this course the students will be able to:

CO1: Express their ideas both verbally and through drawings

CO2: Understand the use of proportion, volume, perspective, sketching from memory and 7 visual elements of art.

CO3: Apply light and shade and body proportion (anatomy) in drawings.

CO4: Capable to discuss the role of observation & Importance of composition with the professionals in the field. CO5: Will able to design cartoon character, or a composition.

Name of Course : Bachelor of Vocation (Animation) BVAM-1115
Paper : PRINCIPLES OF ANIMATION
Semester : I

COURSE OUTCOMES: In this course students get acquainted with the definition, meaning and types of Animation. The prime objective of the course is to help students to understand and apply principles that make animation more captivating by making it more realistic and life-like. After passing this course the student will be able to:

CO1: Understand the different types of Animation ranging from Cell Animation, to Stop motion and now to present day CGI

CO2: gain and apply various skills a good animator must possess like observation of how things move, how humans express and emote.

CO3: understand the importance and application of various principles that make animation more life-like and realistic.

CO4: demonstrate the application of these principles for beginner level exercises like pendulum, bouncing ball etc.

Name of Course : Bachelor of Vocation (Animation) BVAP-1116
Paper : CREATIVE DESIGN- I
Semester : I

COURSE OUTCOMES: The objective of this course is to acquaint students with the design process from idea conception, brainstorming, through to digital artwork for print and digital production process. The application of design principles, use of colour, typographic principles and the best practices required for effective and appealing visual communication as required professionally are covered during the course. After passing this course the student will be able to: CO1: Identify and discuss design principles as they apply to visual communication.

CO2: Use simple graphic design tools and techniques such as typography, color composition, masking and color correction.

CO3: Discuss graphic design processes and concepts with professionals in the field.

CO4: Work on simple projects like designing of banners, brochures, matte paintings, movie posters applying fundamentals of graphic designing

Name of Course : Bachelor of Vocation (Animation) BVAP-1117
Paper : FIELD VISIT & REPORT
Semester : I
COURSE OUTCOMES: The objective of the field visit is to help students to know the kind of work environment a studio/Production house has. After the field visit the students will come to know:
CO1: the real work environment in companies and production houses.
CO2: how projects are done in coordination and cooperation of various teams.
CO3: first-hand knowledge on project workflow and various deliverables

Name of Course : Bachelor of Vocation (Animation) BVAD-1118
Paper : Project – I
Semester : I
COURSE OUTCOMES: The primary objective of the course is to encourage students not only learn various tools but to develop a creative instinct. While working on the Minor Project, the students will be able to: CO1: apply the tools and techniques learnt in the course.
CO2: work on assigned/self-identified design
CO3: Work on simple projects like designing of banners, brochures, matte paintings, movie posters applying fundamentals of graphic designing

Name of Course : Bachelor of Vocation (Animation) AECD -1161
Paper : DRUG ABUSE
Semester : I
COURSE OUTCOMES: CO1. This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;
CO2. How to be supportive during the detoxification and rehabilitation process
CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
CO4.Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

Name of Course : Bachelor of Vocation (Animation) BVAL 3111 I
Paper : INTRODUCTION TO TEXTURING & LIGHTING IN 3D MAYA
Semester : II
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: understand the application of textures on interior, exteriors and 3D character
CO2: understand different types of lighting
CO3: understand lighting in 3d environment i.e. for interior and exterior

Name of Course : Bachelor of Vocation (Animation) BVAL-2431
Paper : Punjab History & Culture (1717-1947) (Special paper in lieu of Punjabi Compulsory)
Semester : II

COURSE OUTCOMES: This course aims to enhance students' knowledge and understanding of Maharaja Ranjit Singh's period and to challenge preconceptions about that period with fresh perspectives on the people and their contacts with the British. On successful completion of the course, students will have developed the capacity to:

CO1. Critically discuss major social, political, economic, and cultural structures, events, and themes shaping the administration of Punjab under British period
CO2. Evaluate and analyse different sources and modern historiography
CO3. Identify and assess evidence of social change and continuity throughout the period
CO4. Critically evaluate the rise and fall of Sikh Empire and the internal disputes
CO5. Conduct research using primary sources and historiography relating to the period
CO6. Formulate logical arguments substantiated with historical evidence
CO7. Express ideas clearly in both written and oral modes of communication

Name of Course : Bachelor of Vocation (Animation) BVAM-2102
Paper : COMMUNICATION SKILLS IN ENGLISH
Semester : II

COURSE OUTCOMES: After passing this course the student will develop the following Skills:

CO1: Enhancement of listening skills with the help of listening exercises based on conversation, news and TV reports.
CO2: Improvement of speaking skills enabling them to converse in a specific situation.
CO3: Acquisition of knowledge of phonetics which will help them in learning about correct pronunciation as well as effective speaking.
CO4: The capability to present themselves well in a job interview.
CO5: The ability of Note-Taking to be able to distinguish the main points from the supporting details and the irrelevant information from the relevant one.
CO6: Speaking skills of the students enabling them to take active part in group discussion and present their own ideas.
CO7: The capability of narrating events and incidents in a logical sequence.

Name of Course : Bachelor of Vocation (Animation) BVAM-2113
Paper : COMMUNICATION SKILLS IN ENGLISH
Semester : II

COURSE OUTCOMES: The objective of this course is to acquaint students with the storyboard & screenplay process from idea conception, brainstorming, through to digital storyboard & traditional storyboard production process. After passing this course the student will be able to:

CO1: Understand the concept, script and screenplay process.
CO2: Apply three-act structures in screenplay writing
CO3: Produce a series of cohesive storyboards from a script and identify the shots and camera movements.
CO4: Identify and state common preproduction workflow
CO5: Capable to Discuss Scripting and Screenplay process and concepts with professionals in the field.

Name of Course : Bachelor of Vocation (Animation)
Paper : 2D DIGITAL ANIMATION: FLASH
Semester : II

COURSE OUTCOMES: The objective of this course is to make students ready for creating 2D Animation applying the knowledge gained about fundamentals of designing, and principles of Animation studied in previous semesters. After passing this course the student will be able to:

CO1: Identify and use various tools in Flash to create vector art and animate it

CO2: Design backgrounds with animated objects where characteristics like colour/position/shape change with respect to time

CO3: To understand the use of various symbols graphic, button and movie and their importance and usage w.r.t. various scenarios

CO4: Effectively use timeline, frames, and key frames to animate objects as well as characters CO5: Design a cartoon character/basic human character and animate it CO6: Create a short-animated clip

Name of Course : Bachelor of Vocation (Animation)
Paper : INTRODUCTION TO 3D MAYA
Semester : II

COURSE OUTCOMES :This is an introductory course to learn Autodesk Maya 2015. This course is designed for anyone who wants to learn Autodesk Maya for the first time. After successful completion of this course, the student will be able to:

1. Understand the interface of Autodesk Maya (Viewports, Pivot, Transformation,)
2. Model a simple object like a Chair or a table
3. Understand the process of texturing and applying color to the modelled object
4. Render a final image of simple objects like Chair and the Table.

Name of Course : Bachelor of Vocation (Animation)
Paper : CREATIVE DESIGN – II
Semester : II

COURSE OUTCOMES: The objective of this course is to acquaint students with the design process from idea conception, brainstorming, through to digital artwork for print and digital production process. The application of design principles, use of colour, typographic principles and the best practices required for effective and appealing visual communication as required professionally are covered during the course. After passing this course the student will be able to:

CO1: Identify and discuss design principles as they apply to visual communication.

CO2: Use simple graphic design tools and techniques such as typography, color composition, masking and color correction.

CO3: Discuss graphic design processes and concepts with professionals in the field.

CO4: Work on simple projects like designing of banners, brochures, matte paintings, movie posters applying fundamentals of graphic designing

Name of Course : Bachelor of Vocation (Animation)
Paper : 3DMODELING (SET & PROPS)
Semester : II
COURSE OUTCOMES Course Outcomes: Students will use computer Maya modeling to explore the principles of 3 -dimensional design. Projects involving object, character and architectural modeling will emphasize the aesthetic concepts of spatial proportion (scale, rotation and position). After successful completion of this course the student will be able to:
CO1: apply knowledge gained about the basic concepts and tools related to 3D production. (Low Poly & High Poly), loops, Polygon count etc.
CO2: comfortably use basic modelling techniques like Polygon modelling, Nurbs Modelling.
CO3: understand the fundamentals of 3D design
CO4: model set &Props ready for Texturing & Rigging

Name of Course : Bachelor of Vocation (Animation)
Paper : MINOR PROJECT - II
Semester : II
COURSE OUTCOMES :CO1: The primary objective of this exercise is to help students understand the process of project development.
CO2: While working on projects students learn the importance of delivering time-bound quality work.
CO3: The students also learn to manage projects.

Name of Course : Bachelor of Vocation (Animation) AECD-2161
Paper : DRUG ABUSE
Semester : II
COURSE OUTCOMES CO1. This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body
CO2. How to be supportive during the detoxification and rehabilitation process
CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
CO4.Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana

Name of Course : Bachelor of Vocation (Animation) BVAM - 3112
Paper : INTRODUCTION TO PHOTOGRAPHY
Semester : III
COURSE OUTCOMES: On successful completion of this course the student will be able to:
CO1: develop good understanding of different types of photography, various camera angles and shot
CO2: application of different elements of exposure and variation of each w.r.t another as the situation demands CO3: understand and apply various composition techniques of photography

Name of Course : Bachelor of Vocation (Animation)
Paper : STORYBOARDING
Semester : III
COURSE OUTCOMES:: The objective of this course is to acquaint students with the storyboard process from idea conception, brainstorming, through to digital storyboard & traditional storyboard production process. After passing this course the student will be able to:
CO1: Understand the storyboarding process
CO2: Produce a series of cohesive storyboards from a script and identify the shots and camera movements.
CO3: Identify and state common preproduction workflow
CO4: Capable to discuss Storyboard, its process and concepts with professionals in the field.

Name of Course : Bachelor of Vocation (Animation)
Paper : VIDEO EDITING
Semester : III
COURSE OUTCOMES On the successful completion of the course students will be able to:
CO1: understand and apply the digital video production process: pre-production, shooting, editing, and post-production.
CO2: apply various video editing tools and techniques
CO3: work on a video editing project

Name of Course : Bachelor of Vocation (Animation)
Paper : 3D CHARACTER MODELING
Semester : III
COURSE OUTCOMES :On the successful completion of the course students will be able to:
CO1: create character biped or quadruped
CO2: design clothes, propsand hair style
CO3: understand different types of character modelling technique used in gaming, movies.

Name of Course : Bachelor of Vocation (Animation)
Paper : TEXTURING SETS & PROPS
Semester : III
COURSE OUTCOMES: On the successful completion of the course students will be able to: CO1: understand different types of UVs.
CO2: texture in Photoshop CO3: texture all kinds of set and props

Name of Course : Bachelor of Vocation (Animation)
Paper : TEXTURING 3D CHARACTER
Semester : III
COURSE OUTCOMES : On the successful completion of the course students will be able to: CO1: prepare textures for a 3D character
CO2: apply texture to Cartoon (biped) character CO3: apply texture to realistic (biped) character

Name of Course : Bachelor of Vocation (Animation)
Paper : MINOR PROJECT - III
Semester : III
COURSE OUTCOMES
CO1: The primary objective of this exercise is to help students understand the process of project development.
CO2: While working on projects students learn the importance of delivering time-bound quality work.
CO3: The students also learn to communicate and work in teams

Name of Course : Bachelor of Vocation (Animation)
Paper : MAINTAINING WORKPLACE HEALTH AND SAFETY
Semester : IV
COURSE OUTCOMES On the successful completion of the course students will be able to:
CO1: understand various workplace-related hazards, emergency situations
CO2: understand and observe safety guidelines
CO3: will learn to know the types, symptoms and ways to handle medical conditions

Name of Course : Bachelor of Vocation (Animation)
Paper : CAMERA TECHNIQUES
Semester : IV
COURSE OUTCOMES: On successful completion of this course the student will be able to:
CO1: utilize various camera techniques, settings to the best as per requirement of the shoot
CO2: understand different type of angle and shots and how to take the same using camera
CO3: differentiate between various types of lighting and requirement of the same as per the shoot
CO4: handle the camera, its equipment and use of monitor during shoot.

Name of Course : Bachelor of Vocation (Animation)
Paper : AUDIO EDITING
Semester : IV
COURSE OUTCOMES: Course Outcomes: On successful completion of this course the student will be able to: CO1: understand the basic sound editing techniques
CO2: record and manipulate and clean-up audio
CO3: apply various audio effects
CO4: edit a recording and add background music

Name of Course : Bachelor of Vocation (Animation)
Paper : LIGHTING & RENDERING
Semester : IV
COURSE OUTCOMES: On successful completion of this course the students will be able to:
CO1: understand the different type of lighting
CO2: light an interior or exterior
CO3: render properties and output

Name of Course : Bachelor of Vocation (Animation)
Paper : MOTION GRAPHICS
Semester : IV
COURSE OUTCOMES: On successful completion of this course the student will be able to:
CO1: understand the interface and workflow of a motion graphic project
CO2: use layers, green screen, color correction, text and tile effects
CO3: apply rendering & different outputs for various platforms

Name of Course : Bachelor of Vocation (Animation)
Paper : 3D CHARACTER ANIMATION USING MAYA
Semester : IV
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: effectively use timeline, frame rates and key framing for creating realistic animation
CO2: apply principles of animation to the 3d animation
CO3: animate a character with expressions, dialogues and audio
CO4: animate character walk cycle

Name of Course : Bachelor of Vocation (Animation)
Paper : MOTION GRAPHICS
Semester : IV
COURSE OUTCOMES:Bachelor of Vocation (Animation) Session: 2020-21 SEMESTER – IV COURSE CODE: BVAI-4117 INTERNSHIP &MINOR PROJECT - IV Course Outcomes: On successful completion of this course the student will be able to: CO1: apply various tools and techniques studied during the first two years on a practical usage CO2: will get experience of specific requirements and outcome of different stages of any 2D/3D project CO3: get to know how to tailor the project as per the target audience and make it more realistic and relevant

Name of Course : Bachelor of Vocation (Animation)
Paper : Environmental Studies
Semester : IV
COURSE OUTCOMES: CO1. Reflect upon the concept and need of environmental education.
• CO2. Define major eco-systems and their conservation.
• CO3. Understand the role of different agencies in the protection of environment.
• CO4. Develop desirable attitude, values and respect for protection of environment.

Name of Course : Bachelor of Vocation (Animation)
Paper : ELECTRONIC MEDIA
Semester : V
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: comprehend different forms of electronic and print media
CO2: how writing/broadcasting works on different types of media
CO3: understand various techniques ranging from editing, production to distribution

Name of Course : Bachelor of Vocation (Animation)
Paper : 3D ARCHITECTURE VISUALIZATION USING 3DS MAX (INTERIOR AND EXTERIOR DESIGNING)
Semester : V
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: model, edit and texture an interior
CO2: model, edit and texture an exterior CO3: do scene compositing, camera animation and rendering interior/exterior

Name of Course : Bachelor of Vocation (Animation)
Paper : FILM DIRECTION AND DOCUMENTARY
Semester : V
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: understand history, aesthetics, challenges and opportunities in documentary making
CO2: develop a project from story idea, screen crafting, analysis, production & post production
CO3: handle camera and staging while shooting the documentary

Name of Course : Bachelor of Vocation (Animation)
Paper : ACTING FOR ANIMATION
Semester : V
COURSE OUTCOMES: On the successful completion of the course students will be:
CO1: able to understand the importance of observation, emotion and expressions to make any animation project life-like
CO2: able to observe surrounding, how people behave, enact and react
CO3: aware of the body language, facial expressions and voice modulation while animating characters

Name of Course : Bachelor of Vocation (Animation)
Paper : 3D ARCHITECTURE VISUALIZATION USING 3DS MAX (INTERIOR AND EXTERIOR DESIGNING) PRACTICAL
Semester : V
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: model, edit and texture an interior
CO2: model, edit and texture an exterior
CO3: do scene compositing, camera animation and rendering interior/exterior

Name of Course : Bachelor of Vocation (Animation)
Paper : MINOR PROJECT-V
Semester : V

COURSE OUTCOMES: On successful completion of this course the student will be able to:

CO1: apply various tools and techniques studied during the course on a practical usage

CO2: will get experience of specific requirements and outcome of different stages of the project

CO3: get to know how to tailor the project as per the target audience and make it more realistic and relevant

FACULTY OF VOCATIONAL STUDIES SYLLABUS of B.Voc Management & Secretarial Practices Semester: I-V

Programme Specific Outcomes (PSO)

On successful completion of B.Voc. Programme in Management and Secretarial Practices, students will be able to:

PSO1: understand the application of ethics and professional responsibility.

PSO2: define practical applications of project management to formulate strategies allowing organizations to achieve strategic goals.

PSO3: evaluate current marketing trends based on consumer, legal and competitive environments.

PSO4: develop understanding about customer relationship management concepts and framework and how these are applied to form relationships with customers and other internal and external stakeholders.

PSO5: explain fundamental database concepts and apply these concepts to the design and development of relational databases.

PSO6: understand the basic components of computer applications like MS-Word, MS-Power Point, MS-Excel, MS-Access.

PSO7: interpret the changes in the digital world and be able to upgrade accordingly.

PSO8: develop written and verbal competencies to describe and analyze visual art and graphic design through writing, conceptual development, research and study of theories.

PSO9: identify the value and relative importance of data management to the success of a research project.

PROGRAMME OUTCOMES:

Students opting for B.Voc. Programmes on course completion/exit points will be able to:

PO1: get better job opportunities and can make informed choices due to enhanced employability and skill-set owing to Industrial exposure through internships/ training in the specific work area of choice.

PO2: understand, develop and observe work practices and ethics required to sustain and grow professionally in the industry concerned.

PO3: communicate messages effectively within a team as well as to business clients/customers through written communication such as email, letters, reports, memos etc and verbal communication like a telephonic conversation or PowerPoint presentation to a group.

PO4: adapt to the work environment and are able to work on time-bound assignments/projects individually or within a team, for a company or as a freelancer.

PO5: apply knowledge acquired during the course to update w.r.t changing Industrial requirements and stay relevant to the job-at-hand.

Course Outcomes (COs)

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : Punjab History and Culture (From Earliest Times to C. 320)
Semester : I
COURSE OUTCOMES: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.
CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : COMMUNICATION SKILLS IN ENGLISH)
Semester : I
COURSE OUTCOMES: At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : COMPUTER FUNDAMENTALS
Semester : I
COURSE OUTCOMES : After successful completion of this course, students will able to:
CO1: understand the meaning and basic components of a computer system
CO2: define and distinguish Hardware and Software components of computer system
CO3: explain and identify different computing machines during the evolution of computer system
CO4: gain knowledge about five generations of computer system
CO5: explain the functions of a computer
CO6: identify and discuss the functional units of a computer system
CO7: identify the various input and output units and explain their purposes

CO8: understand the role of CPU and its components
CO9: understand the concept and need of primary and secondary memory.

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : WORK MANAGEMENT, WORKPLACE HEALTH & SAFETY
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will able to:
CO1: understand the role of safety in the business community.
CO2: demonstrate knowledge of safety, record keeping and management, and the role of the manager at work place
CO3: demonstrate an understanding of workplace injury prevention, risk management and incident investigations.

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : COMPUT CUSTOMER RELATIONSHIP MANAGEMENT ER FUNDAMENTALS
Semester : I
COURSE OUTCOMES
After successful completion of this course, students will able to:
CO1: demonstrate knowledge of basic functions of business required to provide customer service within the global market place.
CO2: demonstrate knowledge of service marketing and management that ensures the development of successful customer service outcomes in today's competitive environment.
CO3: apply critical thinking skills to be able to recommend appropriate outcomes in business situations.
CO4: employ effective communications skills, both written and verbal
CO5: recognize and apply appropriate ethical, social and diversity standards within the business environment.

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : OFFICE MANAGEMENT
Semester : I
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: support management in office administration.
CO2: prepare business documents.
CO3: manage records.
CO4: demonstrate business communication skills.
CO5: utilize appropriate office technology.
CO6: execute the duties of an office administrator.

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : MS Office-I
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will able to:
CO1: create a new document, open, save and print a document.
CO2: edit and format text, change the page layout, background and borders.
CO3: insert headers and footers, insert and edit tables. CO4: insert clip art and pictures to documents.

CO5: perform mail merge.
CO6: share and review shared document files.
CO7:identify the names and functions of the PowerPoint interface.
CO8:create, edit, save, and print presentations.
CO9: format presentations,add graphics to a presentation.
CO10: create and manipulate simple slide shows with outlines and notes.

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : COMMUNICATION SKILLS IN ENGLISH
Semester : II
COURSE OUTCOMES: After passing this course the students will develop the following skills:
CO 1: Enhancement of listening skills with the help of listening exercises based on conversation, news and TV reports.
CO 2: Improvement of speaking skills enabling them to converse in a specific situation.
CO 3: Acquisition of knowledge of phonetics which will help them in learning about correct pronunciation as well as effective speaking.
CO 4: The capability to present themselves well in a job interview.
CO 5: The ability of Note-Taking to be able to distinguish the main points from the supporting details and the irrelevant information from the relevant one.
CO 6: Speaking skills of the students enabling them to take active part in group discussion and present their own ideas,
CO 7: The capability of narrating events and incidents in a logical sequence.

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : PRINCIPLES OF MANAGEMENT
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will able to:
CO1: evaluate the global context for taking managerial actions of planning, organizing and controlling.
CO2: assess global situation, including opportunities and threats that will impact management of an organization.
CO3: integrate management principles into management practices.
CO4: assess managerial practices and choices relative to ethical principles and standards.
CO5: specify how the managerial tasks of planning, organizing, and controlling can be executed in a variety of circumstances.
CO6: determine the most effective action to take in specific situations.
CO7: evaluate approaches to addressing issues of diversity.

Name of Course : : Bachelor of Vocation (Management & Secretarial Practices)
Paper : BOOK KEEPING
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will able to:
CO1 : understand and apply the essential numerical skills required for bookkeeping and accounting
CO2 : understand and explain the relationship between the accounting equation and double- entry system of book keeping

CO3 : record transactions in the appropriate ledger accounts using the double-entry book keeping system
CO4 : balance ledger accounts at the end of an accounting period
CO5 : prepare trial balance, balance sheet and profit and loss account.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : COMMERCIAL LAWS
Semester : II
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: define basic terms, values and laws in the area of commercial law
CO2: describe methods of applying principles and provisions of commercial law
CO3: compose simple contracts
CO4: asses the correctness of applying specific laws to a specific cases and choosing the most appropriate one.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : MS OFFICE – II
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will able to:
CO1: Indicate the names and functions of the excel interface components.
CO2: enter and edit data, format data and cells.
CO3: construct formula, including the use of built-in functions, and relative and absolute references.
CO4: create and modify charts, preview and print worksheets.
CO5: use the Excel online Help feature.
CO6: identify the terminology and functions common to most database management systems.
CO7: identify the qualities of valuable information.
CO8: identify the elements of good database design.
CO9: create and use tables, Create and use queries. CO10: create simple reports and forms.
CO11: use the Access online Help feature.
CO12: discuss ethical issues connected to the use of databases.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : LAB BASED ON TYPING SKILLS (DATA ENTRY)
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will able to:
CO1: develop correct touch typing techniques
CO2: key data quickly and accurately
CO3: demonstrate operational skills in using the computer
CO4: key accurately, at a rate of 35 words per minute

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : BUSINESS ORGANISATION & SYSTEMS
Semester : III
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: understand the nature and purpose of different types of organisations (commercial, voluntary, public sector and so on)

CO2: describe the different ways in which organisations may be structured
CO3: understand basic concepts of organisational structure
CO4: describe the main departments or functions of a business organisation
CO5: explain the advantages and disadvantages of centralised and decentralized organizations

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : MANAGEMENT INFORMATION SYSTEM
Semester : III
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: understand the leadership role of Management Information Systems in achieving business competitive advantage through informed decision making.
CO2: analyze and synthesize business information and systems to facilitate evaluation of strategic alternatives.
CO3: distinguish and analyse ethical problems that occur in business and society
CO4: effectively communicate strategic alternatives to facilitate decision making.
CO5: demonstrate an understanding of the major functional areas of Business
CO6: explain fundamental database concepts and apply these concepts to the design and development of relational databases.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : MARKETING MANAGEMENT
Semester : III
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: understand the concepts of marketing management
CO2: demonstrate effective understanding of relevant functional areas of marketing management and its application.
CO3: learn about marketing process for different types of products and services
CO4: understand the tools used by marketing managers in decision situations CO5: understand the marketing environment.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : BUSINESS AND OFFICE CORRESPONDENCE
Semester : III
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: understand professional writing by studying management communication contexts and genres, researching contemporary business topics, analyzing quantifiable data discovered by researching, and constructing finished professional workplace documents.
CO2: recognize, explain, and use the formal elements of specific genres of organizational communication: white papers, recommendation and analytical reports, proposals, memorandums, web pages, wikis, blogs, business letters, and promotional documents.
CO3: understand the ethical, international, social, and professional constraints of audience, style, and content for writing situations among managers or co-workers and colleagues of an organization and between organizations, or between an organization and the public.
CO4: understand the current resources (such as search engines and databases) for locating secondary information, and also understand the strategies of effective primary data gathering.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : ACCOUNTANCY
Semester : III
COURSE OUTCOMES: After studying this course, students will be able to
CO1: recognize and understand ethical issues related to the accounting profession.
CO2: prepare financial statements in accordance with Generally Accepted Accounting Principles.
CO3: employ critical thinking skills to analyze financial data as well as the effects of differing financial accounting methods on the financial statements.
CO4: effectively define the needs of the various users of accounting data and demonstrate the ability to communicate such data effectively, as well as the ability to provide knowledgeable recommendations.
CO5: recognize circumstances providing for increased exposure to fraud and define preventative internal control measures.
CO6: demonstrate an understanding of current auditing standards and acceptable practices, as well as the impact of audit risk on the engagement.
CO7: understand the audit process from the engagement planning stage through completion of the audit, as well as the rendering of an audit opinion via the various report options.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : WORKSHOP ON ELECTRONIC CRM
Semester : III
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: explain how to build and manage successful E-CRM teams
CO2: explain how to blend E-CRM with a firm's overall business and marketing plans
CO3: demonstrate an understanding of how to build relationships with customers and maintain their loyalty
CO4: develop effective customer communications strategies and tactics
CO5: create campaigns to generate new customers and prospects
CO6: assess, plan, manage and know how to prioritize customer service

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : COMPUTER BASED ACCOUNTING-TALLY
Semester : III
COURSE OUTCOMES: After studying this course, students will be able to
CO1: learn to create company, enter accounting voucher entries including advance voucher entries, do reconcile bank statement, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software
CO2: find employability in the job market.
CO3: obtain certificate to work with well-known accounting software i.e. Tally ERP.9
CO4: possess required skill and can also be employed as Tally data entry operator.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : WORKSHOP ON LIFE SKILLS
Semester : III
COURSE OUTCOMES: After completion of this course, students will be able to:
CO1: Learn those abilities that help promote overall well-being and competence to be able to face the realities of life.
CO2: Develop psycho social competencies and interpersonal skills that will help them to make informed decisions, solve problems, think critically and creatively, communicate effectively, build healthy relationships, empathize with others and cope with managing their lives in a healthy and productive manner.
CO3: Adapt and adjust well with the changing demands of the society as young adolescents extend their relationships beyond parents and family and are intensely influenced by their peers and the outside world.
CO4: Get support in dealing with emotional conflicts and personal problems in the college and will learn how to incorporate the same in their daily lives.
CO5: Empower themselves to act responsibly, take initiative and control.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : SECRETARIAL PRACTICES
Semester : IV
COURSE OUTCOMES: After studying this course, students will be able to
CO1: identify the scope, role and functions of the company secretary and apply them in the employing or client organisation.
CO2: critically evaluate and apply the role of company secretary as an advisor to the board.
CO3: ensure effective communication and dissemination of information to and from the board, both internally and externally, for the optimum benefit of the organisation.
CO4: understand the law and best practice in key functional matters (for example, meetings and share capital management) and apply them in the secretary ship function and ensure corporate compliance.
CO5: apply the functions of a company secretary in ensuring corporate compliance through good disclosure and observance of statutory and other regulations
CO6: take responsibility for the ongoing responsibilities of the secretary as a professional practitioner in the organisation and be responsible for continuing personnel development within the secretariat.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : INTERNET APPLICATIONS
Semester : IV
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: design dynamic websites that meet specified needs and interests.
CO2: write well-structured, easily maintained, standards-compliant, accessible HTML code.
CO3: write well-structured, easily maintained, standards-compliant CSS code to present HTML pages in different ways.
CO4: apply critical thinking and problem solving skills required to successfully design and implement a web site

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : MANAGERIAL SKILLS
Semester : IV
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: understand what is meant by management and managerial effectiveness.
CO2: identify the roles which are fulfilled while working as a manager.
CO3: identify managerial activities that contribute to managerial effectiveness.
CO4: identify a cause of stress in managerial life from a range covering mismatches between capabilities and role, player-manager tension and everyday stressors.
CO4: understand time pressures and the need for time management.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : STATISTICAL ANALYSIS
Semester : IV
COURSE OUTCOMES After studying this course, students will be able to:
CO1: demonstrate knowledge of probability and the standard statistical distributions.
CO2: demonstrate knowledge of fixed-sample and large-sample statistical properties of point and interval estimators.
CO3: demonstrate knowledge of the properties of parametric, semi-parametric and non- parametric testing procedures.
CO4: demonstrate the ability to perform complex data management and analysis.
CO5: acquire understanding of how to design experiments and surveys for efficiency

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : DIGITAL DATA MANAGEMENT
Semester : IV
COURSE OUTCOMES After studying this course, students will be able to:
CO1: find key components of digital leadership
CO3: create, influence, monitor and control digital reputation
CO4: use digital opportunities to connect with audiences
CO5: understand that data should be managed differently in different phases of the life cycle
CO6: identify the value and relative importance of data management to the success of a research project.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : INTRODUCTION TO GRAPHIC DESIGNING
Semester : V
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: Demonstrate in typographic practice using text typography, display typography, and grid systems across analog and digital media.
CO2: Display image-making expertise and the development of visual narratives using photography, illustration, and type-as-image across analog and digital media.
CO3: Communicate concepts, design solutions, and arguments clearly and concisely through visual, verbal and written means.
CO4: Understand the relationship of graphic design to other disciplines and to society

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : FUNDAMENTALS OF BANKING
Semester : V
COURSE OUTCOMES: After studying this course, students will be able to:
CO1: Understand the importance of commercial banks.
CO2: Learn and identify the services provided by commercial banks.
CO3: Gain knowledge about Regional Rural Banks, Foreign banks, Cooperative banks.
CO4: Understand the main functions of central bank (RBI).
CO5: Interpret the techniques of credit control and mechanism of credit creation.
CO6: Practice the process of recording entries in pass book.
CO7: Learn and specify the working of Clearing House system.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : FUNDAMENTALS OF GOODS & SERVICES TAX (GST)
Semester : V
COURSE OUTCOMES: After studying this course, students will be able:
CO1: To learn the concept GST
CO2: To understand the importance of GST in the Indian and global economy and its contribution to the economic development
CO3: To comprehend the principles of taxation, objectives of taxes and its impact, shifting and incidence process of GST in the market oriented economy.
CO4: To understand the implications of GST on taxable capacity consumers, dealers and of the society at large.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : DESIGNING IN COREL DRAW
Semester : V
COURSE OUTCOMES : After studying this course, students will be able to:
CO1: Understand basic image fundamentals, color models, vector graphics
CO2: Acquire practical proficiency for work with 2D graphics
CO3: Discuss graphic design processes and concepts.
CO4: Learn and identify various tools in Corel Draw
CO5: Understand and establish a workflow for best results using editing tools and techniques.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : DESIGNING IN ADOBE PHOTOSHOP
Semester : V
COURSE OUTCOMES : After studying this course, students will be able to:
CO1: Understand basic image fundamentals, color models and various file formats
CO2: Gain knowledge about digital image editing, manipulation and adjustments
CO3: Discuss graphic design processes and concepts.
CO4: Learn and identify various tools in Adobe Photoshop
CO5: Understand and establish a workflow for best results using editing tools and techniques.

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : LAB ON COREL DR
Semester : V
COURSE OUTCOMES : After studying this course, students will be able to:
CO1: Understand corel draw interface and work with lines, outlines and shapes
CO2: Work with objects, text, tables, vectors and bitmaps
CO3: Demonstrate proficiency with layers (creating a layer, changing layer properties, moving objects between layers, deleting a layer)
CO4: Apply special effects to bitmap such as blend, contour, envelope, extrude, bevel, power Clip
CO5: Skill to conceptualize and create Logos, various types of print designs, Pamphlets, Posters Invitation cards, Greeting cards, Wrappers, Advertisements, Banners etc

Name of Course : Bachelor of Vocation (Management & Secretarial Practices)
Paper : LAB ON ADOBE PHOTOSHOP
Semester : V
COURSE OUTCOMES : After studying this course, students will be able to:
CO1: Identify and specify file formats and image resolution for print and web
CO2: Gain proficiency using the selection tools (wand, marquee, lasso, quick selection)
CO3: Demonstrate proficiency with layers (naming, organizing sets, styles, adjustment layers)
CO4: Edit using retouching tools (healing brush, clone tool, patch tool)
CO5: Use and control the adjustments and filters to improve images CO6: Designing of banners, posters, greeting cards, newsletter applying fundamentals of graphic designing

FACULTY OF VOCATIONAL STUDIES SYLLABUS of Bachelor of Vocation (Retail Management) (Semester-I-V)

Programme Specific Outcomes (PSO)

PROGRAMME SPECIFIC OUTCOMES On successful completion of B.Voc. Programme in Retail Management, students will be able to:

PSO1: Define retailing, describe the different types of retailers, and outline some of the characteristics of successful retail managers, including entrepreneurs/small business owners and department and store managers.

PSO2: List and explain essential retail management concepts, such as buyers and vendors; customer service, customer loyalty, and consumer behavior; retail planning process and electronic retailing; retail strategy, pricing strategy, assortment planning, branding strategy, and global growth strategy; niche marketing and market personalization; entrepreneurship development and information systems and supply chain management.

PSO3: Evaluate current retailing trends based on consumer, legal and competitive environments.

PSO4: Identify the key stakeholders and the roles/responsibilities of retail towards these stakeholders.

PSO5: Evaluate the implementation of marketing strategy through the retail mix including product and merchandise mix, pricing, location and store- design, promotions, and store management to improve the total customer experience and retailer market competitiveness.

PSO6: Describe how retailers build a sustainable competitive advantage through human resource management and identify related issues, challenges, and trends, including employee motivation, evaluation, and compensation.

PSO7: Outline the customer relationship management process, describe how retailers collect customer data, and explain how that data is used to gain strategic advantages, support communication programs, and develop customer loyalty.

PSO8: Identify various retail opportunities and evaluate the strategies associated with each type of opportunity.

PSO9: Distinguish and characterize the factors and management tools that retailers consider and use when developing their merchandise mix.

PSO10: Interpret retail problems and be capable of critically evaluating and applying appropriate retail management models and theories to generate strategic and tactical solutions.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)

Paper : Punjab History and Culture (From Earliest Times to C. 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester : I

COURSE OUTCOMES : After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : COMMUNICATION SKILLS IN ENGLISH (Theory)
Semester : I

COURSE OUTCOMES: At the end of this course, the students will develop the following Skills:

CO 1: Reading skills that will facilitate them to become an efficient reader

CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well

CO 3: The power to analyse, interpret and infer the ideas in the text

CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking

CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English

CO 6: Ability to plan, organise and present ideas coherently on a given topic

CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : FUNDAMENTALS OF MANAGEMENT
Semester : I

COURSE OUTCOMES: After successful completion of this course, students will be able to:

CO1: Define management and explain how management differs according to level and whether a manager is a line manager or a store manager.

CO2: Briefly describe and contrast four models of management; rational goal, scientific, human relations, open systems.

CO3: Describe and attain some elementary level of skills in the main management processes: planning, organizing, staffing, deciding, controlling and budgeting.

CO4: Outline the notion of a management function and be able to name, briefly describe and appreciate the role of the four main management functions: marketing, production (including quality and other technical services), finance and personnel.

CO5: Discuss and identify the implications of wider management issues such as managing technology, managing diversity, globalization and ethics.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : BASICS OF RETAIL MANAGEMENT
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Define retailing C
O2: Understand what marketing means to business executives.
CO3: Understand the ways that retailers use marketing tools and techniques to interact with their customers.
CO4: Understand the retail sector and the range of retail occupations.
CO5: Outline the business of retailing: retail; retailer; retail outlet; distinguishing between products and services.
CO6: Describe the different types of retail channels: shops; catalogues; online selling; flea markets; showrooms; television shopping; mobile kiosks; door-to-door trading; supermarkets; shopping complexes

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : COMPUTER FUNDAMENTALS-I
Semester : I
COURSE OUTCOMES :After successful completion of this course, students will be able to:
CO1: Gain familiarity with the concepts and terminology used in the development, implementation and operation of business computer applications.
CO2: Explore various methods where information technology can be used to support existing businesses and strategies.
CO3: Investigate emerging technology in shaping new processes, strategies and business models in retail.
CO4: Achieve hands-on experience with productivity/application software to enhance business activities.
CO5: Accomplish projects utilizing business theories, teamwork, internet resources and computer technology.
CO6: Work with simple design and development tasks for retailing

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : COMPUTER APPLICATIONS INRETAIL
Semester : I
COURSE OUTCOMES:After successful completion of this course, students will be able to:
CO1: Gain familiarity with the concepts and terminology used in the development, implementation and operation of business computer applications.
CO2: Explore various methods where information technology can be used to support existing businesses and strategies.
CO3: Investigate emerging technology in shaping new processes, strategies and business models in retail.
CO4: Achieve hands-on experience with productivity/application software to enhance business activities.
CO5: Accomplish projects utilizing business theories, teamwork, internet resources and computer technology.
CO6: Work with simple design and development tasks for retailing

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : LAB ON COMPUTER FUNDAMENTALS (MS-OFFICE)
Semester : I

COURSE OUTCOMES:After successful completion of this course, students will be able to:
CO1: Gain familiarity with the concepts and terminology used in the development, implementation and operation of business computer applications.
CO2: Explore various methods where information technology can be used to support existing businesses and strategies.
CO3: Investigate emerging technology in shaping new processes, strategies and business models in retail.
CO4: Achieve hands-on experience with productivity/application software to enhance business activities.
CO5: Accomplish projects utilizing business theories, teamwork, internet resources and computer technology.
CO6: Work with simple design and development tasks for retailing.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
**Paper : ** LAB ON RETAIL SELLING SKILLS
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Distinguish between the three selling situations (self- service, self- selection and full personal service)
CO2: Greet customers in an appropriate manner
CO3: Use active listening skills to identify specific customer needs identify various means of opening a sale
CO4: Demonstrate thorough product knowledge while selling i.e. benefits in use, functions, materials, origins, features
CO5: Explain functions/features/benefits of a product appropriate to the needs of a particular consumer (through information gained by active listening)
CO6: Construct an Offer Analysis Sheet for products which they are required to sell
CO7: Conduct a sale requiring personal selling from opening through to the closing stage

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
**Paper : ** COMMUNICATION SKILLS IN ENGLISH-II
Semester : II
COURSE OUTCOMES: At the end of this course, the students will develop the following skills:
CO 1: Enhancement of listening skills with the help of listening exercises based on conversation, news and TV reports
CO 2: Improvement of speaking skills enabling them to converse in a specific situation
CO 3: Acquisition of knowledge of phonetics which will help them in learning about correct pronunciation as well as effective speaking
CO 4: The capability to present themselves well in a job interview
CO 5: The ability of Note-Taking to be able to distinguish the main points from the supporting details and the irrelevant information from the relevant one
CO 6: Speaking skills of the students enabling them to take active part in group discussion and present their own ideas
CO 7: The capability of narrating events and incidents in a logical sequence

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
**Paper : ** RETAIL SHOPPER BEHAVIOUR
Semester : II

COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Describe the characteristics of the local retail environment, and its importance for the economy.
CO2: Identify different retail occupations and the related skills, attributes and behaviors.
CO3: Demonstrate products to customers
CO4: Help customers choose right products
CO5: Help in maximizing product sales and participate in product promotion

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : HUMAN RESOURCE IN RETAIL OPERATIONS
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Explain the importance of human resources and their effective management in organizations.
CO2: Discuss how to strategically plan for the human resources needed to meet organizational goals and objectives.
CO3: Contribute to the development, implementation and evaluation of employee recruitment, selection, and retention plans and processes.
CO4: Develop, implement, and evaluate employee orientation, training, and development programs.
CO5: Define the process of job analysis and discuss its importance as a foundation for human resource management practice.
CO6: Describe the steps required to develop and evaluate an employee training program.
CO7: Identify and explain the issues involved in establishing compensation systems.
CO8: Understand the importance of labour participation in management.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : MANAGERIAL ECONOMICS
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Understand the basic concepts of managerial economics.
CO2: Apply economic principles to management decisions.
CO3: Understand the basic concepts of demand, supply and equilibrium and their determinants.
CO4: Define and measure elasticity, apply the concepts of price, cross and income elasticity and analyze how elasticity affects revenue.
CO5: Understand cost function and the difference between short-run and long-run cost function.
CO6: Establish the linkage between production function and cost function.
CO7: Analyze the demand and supply conditions and assess the position of a company.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : COMPUTER FUNDAMENTALS-II (ADVANCE EXCEL)
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Effectively use formulas in worksheets.
CO2: Indicate the names and functions of the excel interface components.
CO3: Enter and edit data.

CO4: Format data and cells.
CO5: Construct formulas, including the use of built-in functions, and relative and absolute references.
CO6: Create and modify charts.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : TRAINING PROJECT
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Explain the basic terminologies of retail
CO2: Deal with the customer
CO3: Handle the cash
CO4: Understand the selection of right store layout and design according to the nature of merchandise
CO5: Understand the working of the retail store
CO6: Understand the importance of visual merchandising

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : PRINCIPLES OF ACCOUNTING
Semester : III
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1: Develop and understand the nature and purpose of financial statements in relationship to decision making.
CO2: Use the fundamental accounting equation to analyze the effect of business transactions on an organization's accounting records and financial statements.
CO3: Learn basic accounting system to create (record, classify, and summarize) the data needed to solve a variety of business problems.
CO4: Develop the ability to use accounting concepts, principles, and frameworks to analyze and effectively communicate information to users.
CO5: Prepare the financial statement of sole proprietorship and companies

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : E-COMMERCE
Semester : III
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1: Understand foundations and importance of E-commerce.
CO2: Analyze the impact of E-commerce technologies on business models.
CO3: Understand the concept of EDI and its applications.
CO4: Describe internet trading relationships including Business to Consumer, Business-toBusiness, Intra-organizational.
CO5: Identify the major electronic payment issues and options.
CO6: Discuss security issues and explain procedures used to protect against security threats.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper :STORE LAYOUT AND DESIGN
Semester : III
COURSE OUTCOMES : BACHELOR OF VOCATION (RETAIL MANAGEMENT)(SEMESTER –III) Session: 2020-2021 Course Code: BVRL-3323 After successful completion of this course, students will be able to:
CO1: Evaluate the elements of store layout and space planning.
CO2: Analyze and apply storefront and interior presentation techniques.
CO3: Analyze and apply visual merchandising elements and merchandise presentation methods.
CO4: Evaluate and use visual communication and sensory marketing techniques.
CO5: Understand the importance and psychology behind an effective store layout and product placement

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : RETAIL LOGISTICS MANAGEMENT
Semester : III
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1: Develop an understanding of the role of logistics in a market-oriented society.
CO2: Analyze and discuss key contemporary issues and problems in logistics management.
CO3: Examine the integrated logistics management and its models.
CO4: Analyze the retail logistics network and its global operations.
CO5: Examine the details of planning and control processes in logistics management

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : HEALTH & SAFETY MANAGEMENT ISSUES IN RETAIL
Semester : III
COURSE OUTCOMES:After successful completion of this course, students will be able to:
CO1: Learn techniques, skills, and modern scientific and technical tools necessary for professional practice of occupational safety and health.
CO2: Design a system, process, or program to meet occupational safety and health needs.
CO3: Identify and solve occupational safety and health problems.
CO4: Understand professional and ethical responsibility in occupational safety and health.
CO5: Understand guidelines regarding formation of health and safety committee.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : COMPUTER APPLICATIONS-TALLY AND INTERNET
Semester : III
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1: Generate Accounting Vouchers and create Ledgers in Tally ERP 9.
CO2: Understand Inventory management in Tally ERP 9.
CO3: Learn basic concepts and practical application of GST.
CO4: Have an understanding of the concept of computer networking and communication.
CO5: Learn about the working of various security tools for protecting data.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : STORE OPERATIONS-I
Semester : III
COURSE OUTCOMES After successful completion of this course, students will be able to:
CO1: Develop skills regarding planning, controlling merchandise in a retail store.
CO2: Learn controlling techniques for the operations of retail store.
CO3: Learn how to design a store layout.
CO4: Describe the activities involved in general store maintenance.
CO5: Explain strategies to reduce inventory shrinkage.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : SUPPLY CHAIN MANAGEMENT
Semester : IV
COURSE OUTCOMES : On successful completion of this course, students will be able to:
CO1:Analyze the manufacturing operations of a firm.
CO2:Apply sales and operations planning.
CO3:Evaluate the logistics and purchasing concepts to improve supply chain operations.
CO4:Apply quality management tools for process improvement.
CO5:Understand the Strategic role of purchasing in the supply chain management.
CO6:Understand the process of integrated management.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : MERCHANDISING MANAGEMENT
Semester : IV
COURSE OUTCOMES : On successful completion of this course students will be able to:
CO1:Understand the different strategies to handle the merchandise.
CO2:Determine the various strategies of branding and category management.
CO3:Understand merchandise forecasting and budgeting.
CO4:Use basic buying management methods to meet the needs of a simulated retail market.
CO5:Evaluate relevant data in order to determine a suitable assortment of merchandise.
CO6:Work effectively and productively as a team member in order to negotiate and achieve a desired outcome.
CO7:Understand the concept of display planning and characteristics of effective display.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : ENTREPRENEURSHIP DEVELOPMENT
Semester : IV
COURSE OUTCOMES : On successful completion of this course, students will be able to:
CO1:Understand the concept of entrepreneur.
CO2:Know about Project formulation, Project Planning and project implementation.
CO3:Recognise distinct entrepreneurial traits.
CO4:Understand the systematic process to select and screen a business idea.
CO5:Write a business plan. CO6:Design strategies for successful implementation of business ideas

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : BUSINESS ETHICS
Semester : IV
COURSE OUTCOMES : On successful completion of this course, students will be able to:
CO1: Understand the concept of business ethics.
CO2: Define, explain and illustrate the theoretical foundations of business ethics.
CO3: Understand the origin and development of corporate governance.
CO4: Determine the role of ethical culture and relationships.
CO5: Recognize and resolve ethical issues in business.
CO6: Analyse the corporate Governance Mechanism

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : LAB ON E-RETAILING AND RETAIL INFORMATION SYSTEM
Semester : IV
COURSE OUTCOMES On successful completion of this course, students will be able to:
CO1: Define online pricing.
CO2: Determine the different methods and factors of online pricing. CO3: Understand the concept of price discrimination in E-retailing.
CO4: Understand the promotional strategies of E-retail business.
CO5: Evaluate E-Payment security and challenges.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : STORE OPERATIONS-II
Semester : IV
COURSE OUTCOMES On successful completion of this course students will be able to:
CO1: Understand the concept of store operations.
CO2: Analyse the functions of a store manager.
CO3: Evaluate the planning and execution of retail operations.
CO4: Know control techniques for successful operations and measurement of performance.
CO5: Analyze the types of store operations.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : PERSONALITY AND SOFT SKILLS DEVELOPMENT
Semester : V
COURSE OUTCOMES :After successful completion of this course, students will be able to:
CO1: Understand the concept of Personality and factors affecting personality.
CO2: Learn about basic personality traits and ways of understanding personality at work place.
CO3: Find out personality disorders and learn different ways to change personality.
CO4: Understand the concept of soft skills, business etiquette skills and tele marketing skills.
CO5: Learn customer service excellence, ways to become successful service person.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : PROJECT MANAGEMENT
Semester : V
COURSE OUTCOMES : After successful completion of this course students will able to:
CO1: Understand the objectives of project management.
CO2: Adapt projects in response to issues that arise internally and externally.
CO3: Understand the feasibility analysis in project management and network analysis tools for cost and time estimation.
CO4: Implement general business concepts, practices and tools to facilitate project success.
CO5: Know about tax consideration in project preparation and various legal aspects.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : ADVERTISING AND SALES MANAGEMENT
Semester : V
COURSE OUTCOMES After successful completion of this course, students will be able to:
CO1: Understand the role and importance of advertising.
CO2: Understand the concept of media planning and control, promotional tools and distribution channels.
CO3: Learn the importance of sales management in order to improve sales of organization.
CO4: Learn the functions and responsibilities of sales manager.
CO5: Evaluate the performance of salesperson, sales forecasting planning and control.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : CUSTOMER RELATIONSHIP MANAGEMENT
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Understand the concept of customer relationship management.
CO2: Analyze the relevance of customer satisfaction by understanding the customer needs.
CO3: Understand the concept of service quality and its dimensions.
CO4: Evaluate the relationship between organization and its customer by using various techniques and methods.
CO5: Learn about the use of E-CRM in business

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : BUSINESS LAWS
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Demonstrate an understanding of the legal environment of business.
CO2: Apply basic legal knowledge to business transactions.

CO3: Communicate effectively using standard business and legal terminology.
CO4: Appreciate the relevance of business laws to individuals and businesses.
CO5: Identify the fundamental legal principles behind contractualagreements.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : FUNDAMENTALS OF VISUAL MERCHANDISING-I
Semester : V
COURSE OUTCOMES After successful completion of this course, students will be able to:
CO1: Understand the various store displays and design. CO2: Learn different tools and materials of the trade.
CO3: Analyze the store planning and layout. CO4: Learn about store renovation including budgets.

Name of Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)
Paper : CAPSTONE PROJECT
Semester : V
COURSE OUTCOMES After successful completion of this course, students will be able to: CO1: Learn how to make a Business Plan.
CO2 : Understand the concept of Revenue Model. CO3: Analyze the different requirements for startup.
CO4: Take initiative to implement their business plan in real to become a successful entrepreneur.

Faculty of vocational studies SYLLABUS of Bachelor of Vocation Textile Design & Apparel Technology (Semester- I-V)

Programme Specific Outcomes (PSO)

Bachelor of Vocation (Textile Design & Apparel Technology) Programme specific outcomes On successful completion of B.Voc Programme in Textile Design And Apparel Technology

PSO - 1: Student will adapt their artistic abilities to support their future design career

PSO - 2 : This programme encourages a creative , critical approach to embrace current and development issues in the Fashion industry, explored through a scheme of collaborations, guest speakers, industrial visits and trainings.

PSO - 3: This programme will help students to transform their design ideas into work of art and offer them the opportunity to learn about current and future industry trends.

PSO - 4: Students will assess, propose and apply various technology related to drafting, draping and construction of garments.

PSO - 5: Students will be able to illustrate standing figures and able to analyze colour units in their design process.

PSO - 6: Students will relate the design process to the appropriate manufacturing process.

PSO - 7: Students will be able to drape foundation patterns on the dress form through selected in-class exercises.

PSO -8: This programme will also enable students to use latest computer aided methods of design which will help them to work in fashion industry.

Course Outcomes (COs)

Name of Course : Bachelor of Vocation Textile Design & Apparel Technology

Paper : Punjab History and Culture (From Earliest Times to C. 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)

Semester : I

COURSE OUTCOMES: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of Course : Bachelor of Vocation Textile Design & Apparel Technology
Paper : COMMUNICATION SKILLS IN ENGLISH (Theory) BJML/BFDL/BHSL/BCAL/BITL/
BBTL/BACL/BOML/BOPL/BVRL/BVML/BVAL/BVTL/BVNL/BVBL/BVPL-1102
Semester : I
COURSE OUTCOMES: At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Introduction to Entrepreneurship (Theory)
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1.Students will able to Explain function, features, benefits of a entrepreneurship development.
CO2. Students will learn the characteristics of the entrepreneur development and its importance in small scale industry.
CO3. Students will learn the importance of entrepreneurship development and their effective management in organisation.
CO4. Students will learn Contribute to the development implementation and evaluation of entrepreneurial skills.
CO5. Identify and explain the issues involved in establishing an enterprise.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Fashion Design & Textile-I (Theory)
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to
CO1 - Develop the use of basic colour scheme and harmonies.
CO2- Students will able to get the Knowledge of the History of illustration
CO3-Understand colour vocabulary and terminology CO4-Provide basic introduction to human anatomy

CO5- Students will learn the techniques of marker, pencil drawing Water colour , paint and rendering.
CO6-Students learn how to render their concept in diverse mediums improve their personal style while building portfolio.
CO7- To help students to understand elements and principles of design & types of fibres

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Fundamentals of Digital Textile - I
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Use various Microsoft Office products like Microsoft Word and PowerPoint to prepare documents/presentation required for routine office work
CO2: Apply design concepts and knowledge for creating Computerised Designs
CO3: Use Corel Draw and its various tools to create Fashion and Design illustration

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Sewing Techniques-I (Practical)
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1-Students will analysis the operating of sewing machine proper care and safe use of each of the large sewing equipments.
CO2-Student will Understand the concept to apply the use of pattern drafting for clothing
CO3- student will able to Understand the role of pattern adaptation techniques used to fit the different figure shapes and garment size
CO4-Student will able to understand the process involved in garment manufacturing such as cutting, planning, spreading and sewing.
CO5- Student will able to understand the textile sector and the range of textile occupation

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Health Safety & Maintenance
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1- Student will learn the knowledge of Health Safety & Maintenance in their field
CO2 -Student will able to create awareness of other responsibility towards their health and safety
CO3-Student will Effectively communicate and collaborate inside a diverse work environment
CO4-Student will learn to Work in an ethical and professional manner

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Internship & Project Report
Semester : I
COURSE OUTCOMES: After successful completion of this course:
CO1. Students will be able to enhance the industrial experience.
CO2.They will understand develop and enhance professional awareness and communication skills.
CO3.Students will learn how to work in formal working environment and the benefits of team work.
CO4. .Students will experience to understand, discuss and evaluate the professional issues relating to textile.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Punjab History & Culture (From Earliest Times to C. 320) (Special Paper in lieu of Punjabi compulsory) (Under Credit Based Continuous Evaluation Grading System) BVRL/ BVML/ BVAL/ BVTL/ BVNL-2431
Semester : II
COURSE OUTCOMES: This course aims to enhance students' knowledge and understanding of Maharaja Ranjit Singh's period and to challenge preconceptions about that period with fresh perspectives on the people and their contacts with the British. On successful completion of the course, students will have developed the capacity to:
CO 1: Critically discuss major social, political, economic, and cultural structures, events, and themes shaping the administration of Punjab under British period
CO 2: Evaluate and analyse different sources and modern historiography.
CO 3: Identify and assess evidence of social change and continuity throughout the period CO 4: Critically evaluate the rise and fall of Sikh Empire and the internal disputes
CO 5: Conduct research using primary sources and historiography relating to the period CO 6: Formulate logical arguments substantiated with historical evidence
CO 7: Express ideas clearly in both written and oral modes of communication

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Communication Skills in English
Semester : II
COURSE OUTCOMES: After passing this course the students will develop the following Skills:
CO1: Enhancement of listening skills with the help of listening exercises based on conversation, news and TV reports.
CO2: Improvement of speaking skills enabling them to converse in a specific situation.
CO3: Acquisition of knowledge of phonetics which will help them in learning about correct pronunciation as well as effective speaking.
CO4: The capability to present themselves well in a job interview.
CO5: The ability of Note-Taking to be able to distinguish the main points from the supporting details and the irrelevant information from the relevant one.
CO6: Speaking skills of the students enabling them to take active part in group discussion and present their own ideas.
CO7: The capability of narrating events and incidents in a logical sequence.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Business Planning
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1. Understand the basic concept of planning a business.
CO2. Establish the linkage between entrepreneurship and business planning
CO3 .Student will able to Analyze the demand and supply condition as according to the position of a company.
CO4. Understand the organisation of apparel industry and business etiquettes.
CO5.Understand responsibilities objectives and strategies for apparel merchandising

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Fashion design and illustration
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will be able to:
COI - Students learn how to render their concept in diverse mediums improve their personal style while building portfolio.
CO2- Students will enable to understand fashion industry.
CO3-To understand the fashion design concepts
CO4- Students will be able to analyze and critique fashion illustrations and garments.
CO5- Understand the design cycle and the design process and develop their ideas though to final fashion outcomes

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Fundamental of Digital Textiles –II
Semester : II
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1- To Enhance creativity skills with good designing sense.
CO2- To understand and apply Textile design concepts using Computers
CO3-To use various tools of Corel Draw and Photoshop in Textile designing
CO4- To understand the fashion design concepts on computer.
CO5- To acquaint students with knowledge of CAD based application in Fashion Designing

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Garment Sewing
Semester : II
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1-Students will be able to learn the operating of sewing machine its proper care and safe use.
CO2-Understading the concept to apply the use of pattern drafting for clothing.
CO3- Understand the role of pattern adaptation techniques used to fit the different figure shapes and garment size
CO4-Student will able to understand the process involved in garment manufacturing such as cutting ,planning , spreading and sewing.
CO5- Student will able to understand the textile sector and the range of textile occupation

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Internship & Project Report
Semester : II
COURSE OUTCOMES After successful completion of this course:
CO1. Students will be able to enhance the industrial experience.
CO2.They will understand develop and enhance professional awareness and communication skills.
CO3.Students will learn how to work in formal working environment and the benefits of team work.
CO4. Students will experience to understand, discuss and evaluate the professional issues relating to textile.

Name of Course : B.Voc (RM, MSP, Animation,TDAT, NEH, ,))
Paper : DRUG ABUSE
Semester : II
COURSE OUTCOMES: CO1. This information can include factual data about what substance abuse is; warning signs of¬ addiction; information about how alcohol and specific drugs affect the mind and body;
CO2. How to be supportive during the detoxification and rehabilitation process.¬
CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse¬ and how to avoid, stop, or get help for substance use disorders.
CO4.Substance abuse education is important for students alike; there are many misconceptions about¬ commonly used legal and illegal substances, such as alcohol and marijuana.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Moral Education Programme
Semester : II
COURSE OUTCOMES : To sensitize students about the role and importance of human values and ethics in personal, social and professional life.
¬To enable students to understand and appreciate ethical concerns relevant to modern lives.
¬ To prepare a foundation for appearing in various competitive examinations.
¬ To sensitize the students about the current issues and events of national and international importance
.¬ To highlight plausible implications of ethical human conduct , trustful and mutually fulfilling human¬ behaviour and mutually enriching interaction with nature .

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : SOFT SKILLS AND COMMUNICATION (THEORY)
Semester : III
COURSE OUTCOMES : At the end of this course, students will be able to:
CO1: Improve their communication skills
CO2: Learn techniques to organise ideas for paragraph writing
CO3: Get better insight into the usage of Standard English, grammar and effective sentence skills
CO4: Enrich their vocabulary, and usage of new words
CO5: Develop the ability to write notices and memos

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Pattern Making & Draping-I
Semester : III
COURSE OUTCOMES : After successful completion of this course:
CO1. Students will able to learn the basic draping techniques.
CO2. Students will familiarize with draping method for different kinds of garments.
CO3. Students will able to develop different patterns through Pattern Making.
CO4. Students will gain practical knowledge of different terms of pattern making.
CO5. Students will able to learn about tools and equipment of Draping

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : CAD-I (Practical)
Semester : III
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1 To understand the fashion design concepts on computer.
CO2 To acquaint students with knowledge of CAD based application in Fashion Designing.
CO3 Students can learn the Pattern Making, Grading & Layout methods
CO4 Students will enable to understand technological aspect by CAD Software
CO5 Students can learn faster and more software in less time but.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Garment Construction
Semester : III
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1 To enable the students to construct theme based garments.
CO2 To educate students on the technical aspects of developing design patterns with accuracy, and give them a firm foundation in the concepts
CO3To use appropriate seam finishes and hemming procedures for particular fabrics
CO4 To use variety of design details suitable for different garments.
CO5 To develop skills and methods in the area of apparel production.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Design Development-I (Practical)
Semester : III
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1.Students will learn flat sketching for fashion illustration.
CO2.Students will learn different rendering techniques
CO3.To increase the proficiency in drawing skills
CO4.Students will able to learn different elements of illustrations
CO5.Students are able to execute flat drawing and design to communicate the mood and image of fashion design .

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Internship Report
Semester : III
COURSE OUTCOMES:: After successful completion of this course:
CO1. students will be able to enhance the industrial experience.
CO2.They will understand develop and enhance professional awareness and communication skills.
CO3.Students will learn how to work in formal working environment and the benefits of team work.
CO4. .Students will experience to understand, discuss and evaluate the professional issues relating to textile.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Soft skills & Communication (Theory)
Semester : IV
COURSE OUTCOMES: After successful completion of this course, students will be able to: After passing this course the student will develop the following Skills:
CO1: Reading skills that will facilitate them to become an efficient reader.
CO2: The ability to realise not only language productivity but also the pleasure of being able to articulate well.
CO3: The power to analyse, interpret and infer the ideas in the text.
CO4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking.
CO5: Writing skills of students which will make them proficient enough to express ideas in a clear and grammatically correct English.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Health Safety & Maintenance (Theory)
Semester : IV
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1 To learn about the development and maintenance of healthy and safe work environment.
CO2 To provide education on work health and safety.
CO3 To create awareness among students about health and safety at workplace.
CO4 To learn how to set effective safety goals for an organisation.
CO5 To learn various prevention measures for safe work environment

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Import- Export management (Theory)
Semester : IV
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1 To impart the knowledge of international trade and trade related policies.
CO2 To analyze the gains from trade
CO3 To enable the students to compare and contrast alternative theories and concept of international trade.
CO4 To understand the motivation behind modern trade policies.
CO5 To learn the role of trade for the economy on global level.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : CAD-II (Practical)
Semester : IV
COURSE OUTCOMES: After successful completion of this course, students will be able: CO1 To understand the fashion design concepts on computer.
CO2 To acquaint students with knowledge of CAD based application in Fashion Designing.
CO3 Students will enable to understand technological aspect by CAD Software
CO4 Students can learn faster and more in less time using this software.
CO5 students will learn designing dresses in CAD software

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Professional Garment Construction (Practical)
Semester : IV
COURSE OUTCOMES: After successful completion of this course, students will be able:
Co1 To enable the students to construct men's wear
CO2 To educate students on the technical aspects of developing design patterns of men's wear with accuracy
CO3 To enable the students to construct theme based men's garment.
CO4 To enable student use variety of design detail suitable for garments.
CO5 To develop skills and methods in the area of apparel production.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Design Development-II (Practical)
Semester : IV
COURSE OUTCOMES: CO1 To focus on fashion communication and illustration of fashion design ideas.
CO1 To teach students Professional illustrations which will help them in garment designing.
CO2 To enable the students to draw and render theme based garments.
CO3 To enable the students to draw dress details in different mediums.
CO4 Students will gain knowledge about different apparels and their variations

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Internship Report
Semester : IV
COURSE OUTCOMES: After successful completion of this course:
CO1. Students will be able to enhance the industrial experience.
CO2.They will understand develop and enhance professional awareness and communication skills.
CO3.Students will learn how to work in formal working environment and the benefits of team work.
CO4. Students will experience to understand, discuss and evaluate the professional issues relating to textile

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper Enterprise Management (Theory)
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
Co1.Students will able to Explain function, features, benefits of a entrepreneurship development.
CO2. Students will learn the characteristics of the entrepreneur development and its importance in small scale industry.
CO3. Students will learn the importance of entrepreneurship development and their effective management in organization.
CO4. Students will learn Contribute to the development implementation and evaluation of entrepreneurial skills.
CO5. Identify and explain the issues involved in establishing an enterprise.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Introduction to Knitting Skills. (Theory)
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1. To understand the term textiles in context of knitting
CO2.To learn the fundamentals of warp and weft CO3. To familiarize with the parts and function of knitting machine
CO4. To develop knitting skills CO5. Create visual images in knitting
CO6. Knitted concepts with a greater variety of methods and material to provide.
CO7. Develop theme and mood boards and color palettes for knitted fabrics

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Technical Surface Designing-I (Practical)
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1.This helps learn the art of surface ornamentation.
CO2.Student will learn about needle craft.
CO3.Students will enable to gain the knowledge of different embroidery techniques.
CO4.Students will enable to learn the different painting techniques

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : E-Designing (Practical)
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1 To understand the fashion design concepts on computer.
CO2 To acquaint students with knowledge of CAD based application in Fashion Designing.
CO3 Students can learn the Creating labels, Logos ,Posters Designing methods
CO4 Students will enable to understand technological aspect by Corel Draw Software
CO5 Students can learn faster and more software in less time but.

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Advance Draping & Garment Construction (Practical)
Semester : V
COURSE OUTCOMES: After successful completion of this course:
CO1. Students will able to learn the basic draping techniques.
CO2. Students will familiarize with draping method for different kinds of garments.
CO3. Students will able to develop different patterns through Pattern Making.
CO4. Students will gain practical knowledge of different Skirts, Sleeves and collars.
CO5. Students will able to learn about tools and equipment of Draping

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Advance Rendering & Stylization (Practical)
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1.Students will learn flat sketching for fashion illustration.
CO1.Students will learn different rendering techniques
CO2.To increase the proficiency in drawing skills
CO3.Students will able to learn different elements of illustrations
CO4.Students are able to execute flat drawing and design to communicate the mood and image of fashion design .

Name of Course : Bachelor of Vocation (Textile Design & Apparel Technology)
Paper : Survey & Project Report (Practical)
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1.To gain knowledge of different fabrics and trimmings available in the market.
CO2.To enable students to learn the sourcing of various fashion materials
CO3.Enables the students to get the knowledge of different fabrics.
CO4.Students will enable to learn the loom variations.

FACULTY OF VOCATIONAL STUDIES SYLLABUS FOR Master of Vocation (Animation & VFX) (Semester – I, II, III & IV)

Programme Specific Outcomes (PSO)

Master of Vocation (Animation & VFX) Session: 2020-21 Programme Specific Outcomes Students opting for M.Voc. Programmes on course completion/ exit points will be able to:

PSO1.Understand the animated or live film making process different stages i.e. preproduction, Production and Post Production.

PSO2.Will be able to Implement the use of storyboarding, Screenplay, Foundation Art, in essential pre-production process to develop a film concept.

PSO3. Demonstrate &Implement the knowledge of principles of animation and of graphic design in 2d animation and in various aspects of 3D animation namely 3d modelling, texturing & Lighting, rigging & animation during the production phase.

PSO4. Will be able to implement the use of audio editing, video editing, and VFX in final Post –production.

PSO5.Capable of producing research and development-oriented portfolio of artwork that integrates the principles, techniques and skills acquired in the coursework (primarily Graphic design, 3d modelling, texturing & Lighting, rigging & animation and video editing).

PROGRAMME OUTCOMES: Students opting for M.Voc. Programmes on course completion/exit points will be able to:

PO1: get better job opportunities and can make informed choices due to enhanced employability and skill-set owing to Industrial exposure through internships/ training in the specific work area of choice.

PO2: understand, develop and observe work practices and ethics required to sustain and grow professionally in the industry concerned.

PO3: adapt to the work environment and are able to work on time-bound assignments/projects individually or within a team, for a company or as a freelancer.

PO4: apply knowledge acquired during the course to update w.r.t changing Industrial requirements and stay relevant to the job-at-hand.

Course Outcomes (COs)

Name of Course : Master of Vocation (Animation & VFX)
Paper : Fundamentals of Design and Animation
Semester : I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: Develop the fundamental understanding of CGI
CO2: Understand and apply various elements of design
CO3: Get an overview of animation techniques beginning from early Disney animation processes
CO4: Understand and implement the principles of animation in their artwork/animation.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Foundation Course on Animation
Semester : I
COURSE OUTCOMES: The objective of this course is to develop Visual and creative aspect of an Artist and teach required skills for an artist like proportion, perspective, anatomy study, light & shade, different sketching styles, different art mediums etc. After passing this course the students will be able to:
CO1: Express their ideas both verbally and through drawings
CO2: Understand the use of proportion, volume, perspective, sketching from memory and 7 visual elements of art.
CO3: Apply light and shade and body proportion (anatomy) in drawings.
CO4: Capable to discuss the role of observation & Importance of composition with the professionals in the field.
CO5: Will able to design cartoon character, or a composition

Name of Course : Master of Vocation (Animation & VFX)
Paper : Introduction to 2D Animation
Semester : I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: understand the interface, basic tools, navigation and drawing basic shapes in Adobe Flash
CO2: work on a 2D platform using basic techniques.
CO3: understand the production pipeline of 2d better by hands-on and practice
CO4: apply different animation techniques/ animation principles learned so far in the course.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Introduction to 3D Animation
Semester : I
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: understand the interface, basic tools and navigation
CO2: work in 3D environment
CO3: use the timeline & basic animation tools

Name of Course : Master of Vocation (Animation & VFX)
Paper : Graphic Designing- Advanced
Semester : I
COURSE OUTCOMES: Course Outcomes: After passing this course the student will be able to:
CO1: Apply their understanding of design elements and its principles on practical exercises
CO2: Apply various types of image manipulation techniques
CO3: Work on real-time projects like designing of banners, brochures, matte paintings, movie posters applying fundamentals of graphic designing

Name of Course : Master of Vocation (Animation & VFX)
Paper : Minor Project – I
Semester : I
COURSE OUTCOMES: The students through their project will be able to:
CO1: Apply the various tools and techniques learned in the course.
CO2: Understand the life cycle of the project and the various stages that leads to the final outcome.
CO3: Will learn to interact and communicate and work in a team.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Project Management in Animation
Semester : II
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: the various stages of project starting from planning, through production and finally to post production.
CO2: learn managing a project observing timeframe/deadlines of various deliverables.
CO3: know how various project management tools help to manage projects effectively.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Workplace Health & Safety
Semester : II
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: understand various workplace-related hazards, emergency situations
CO2: understand and observe safety guidelines
CO3: will learn to know the types, symptoms and ways to handle medical conditions

Name of Course : Master of Vocation (Animation & VFX)
Paper : Video Editing
Semester : II
COURSE OUTCOMES: After passing this course the student will be able to:
CO1: Know about editing basics, tools and video production process
CO2: Get Knowledge of working with footages in an editing software.
CO3: Learn different types of editing techniques CO4: Edit a short film or music videos.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Storyboarding, Animatics & Screenplay
Semester : II
COURSE OUTCOMES: Course Outcomes: After passing this course the student will be able to:
CO1: know about importance of different styles of storyboard
CO2: Know about Story, script and storyboard and its importance in film.
CO3: Get knowledge of all elements of a film
CO4: Write a screenplay

Name of Course : Master of Vocation (Animation & VFX)
Paper : 2D Digital Animation - Advanced
Semester : II
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: understand the usage of timeline, setting frame rate, keyframing the concepts fundamental to 2D Animation process
CO2: design a character ready to animate
CO3: animate the character with life like expression and emotions

Name of Course : Master of Vocation (Animation & VFX)
Paper : 3D Modeling in Maya- Advanced
Semester : II
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: apply various 3D modelling techniques for Surface modelling, Nurbs modelling, polygon modeling
CO2: create a 3D model of an interior or exterior CO3: model a 3D character with blend shapes

Name of Course : Master of Vocation (Animation & VFX)
Paper : Minor Project - II
Semester : II
COURSE OUTCOMES: On the successful completion of the course students will be able to:
CO1: learn the application of principles of animation while working on a 2D project
CO2: have first-hand experience of the lifecycle of a project and the various stages of production
CO3: develop a short 2D animation clip (minimum 750 frames)

Name of Course : Master of Vocation (Animation & VFX)
Paper : Experimenting & Research in Animation
Semester : III
COURSE OUTCOMES: On completion of this course, the students will:
CO1: know the types and methodologies used in research
CO2: be able to cite and reference using popular methods
CO3: have know-how of copyrights, IPRs and plagiarism and concerned provisions

Name of Course : Master of Vocation (Animation & VFX)
Paper : Lighting, Texturing & Rendering
Semester : III
COURSE OUTCOMES: On completion of this course, the students will:
CO1: get to know about the different shading, properties and application.
CO2: be able to apply lighting in interior and exterior scenes. CO3: be able to learn and apply 3D rendering process.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Acting for Animation
Semester : III
COURSE OUTCOMES: On completion of this course, the students will:
CO1: to understand the various aesthetics of acting to animating characters
CO2: learn to observe human actions and expressions.
CO3: be able to draw parallels in human acting and animation to make it real and impactful.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Motion Graphics
Semester : III
COURSE OUTCOMES : On completion of this course, the students will:
CO1: learn the basics (composition, settings etc.) of motion graphics
CO2: be able to create compelling motion graphics using various effects
CO3: be ableuse motion graphics depending upon the field of application

Name of Course : Master of Vocation (Animation & VFX)
Paper : 3D Character Animation using Maya
Semester : III
COURSE OUTCOMES : On completion of this course, the students will:
CO1: learn to generate 3D Animation following various principles of animation
CO2: learn to animate characters realistically depicting expressions and emotions
CO3: be able to create and animate a dialogue scene.

Name of Course : Master of Vocation (Animation & VFX)
Paper : Visual Effects (VFX)
Semester : III
COURSE OUTCOMES : On completion of this course, the students will:
CO1: learn to use various compositing techniques, effects and tools to generate Visual effects
CO2: learn to apply dynamic simulation i.e. fire, dust, rain etc.
CO3: be able to demonstrate their work confidently with After Effects/3D Maya software

Name of Course : Master of Vocation (Animation & VFX)
Paper : Minor Project - III
Semester : III
COURSE OUTCOMES : On successful completion of this course the student will be able to:
CO1: apply various tools and techniques studied during the course on a practical usage
CO2: will get experience of specific requirements and outcome of different stages of any 2D/3D project
CO3: get to know how to tailor the project as per the target audience and make it more realistic and relevant

Name of Course : Master of Vocation (Animation & VFX)
Paper : Career Management
Semester : IV
COURSE OUTCOMES : On completion of this course, the students will:
CO1: learn formal/informal ways of communication and presentation
CO2: learn to make creative use of skills like digital resume/ motion graphics to advantage
CO3: learn to use various platforms available to increase visibility and opportunities

Name of Course : Master of Vocation (Animation & VFX)
Paper : Digital Art Copyrights
Semester : IV
COURSE OUTCOMES : On completion of this course, the students will:
CO1: become aware of various copyright laws applicable to digital Art
CO2: get to know how to protect their own creations

Name of Course : Master of Vocation (Animation & VFX)
Paper : Portfolio
Semester : IV
COURSE OUTCOMES : On completion of this course, the students will:
CO1: be able to create their portfolio showcasing their skills gained during the course
CO2: learn to make portfolio creative using skills in designing/animation

Name of Course : Master of Vocation (Animation & VFX)
Paper : Training with Major project
Semester : IV
COURSE OUTCOMES : On completion of this course, the students will:
CO1: be able to implement pre-production, production and post-production techniques learned during the course
CO2: have first-hand experience from conceiving an idea to production in 2D/3D

FACULTY OF VOCATIONAL STUDIES SYLLABUS Of M.Voc. (Retail Management) (Semester-I-IV)

Programme Specific Outcomes (PSO)

PROGRAMME SPECIFIC OUTCOMES On successful completion of M.Voc. Programme Retail Management, students will be able to:

PSO1.Make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

PSO2.Have adequate knowledge and skills so that they are work ready at the exit point of the program.

PSO3.Discuss the purpose, context, concepts, and processes of retailing and the retail environment and the responsibilities of the retail operations function.

PSO4.Evaluate current retailing trends based on consumer, legal and competitive environments.

PSO5.Evaluate the implementation of marketing strategy through the retail mix including product and merchandise mix, pricing, location and store- design, promotions, and store management to improve the total customer experience and retailer market competitiveness.

PSO6.Describe how retailers build a sustainable competitive advantage through human resource management and identify related issues, challenges, and trends, including employee motivation, evaluation, and compensation. PSO7.Develop a general understanding of retail management concepts related to sales and marketing of services and/or products.

PSO8.Explain the basic terms and concepts of accounting, and the content of financial statements and be able to understand and interpret the information they contain.

PSO9. Distinguish and characterize the factors and management tools that retailers consider and use when developing their merchandise mix.

PSO10. Interpret retail problems and be capable of critically evaluating and applying appropriate retail management models and theories to generate strategic and tactical solutions.

PROGRAMME OUTCOMES

The M.Voc. Programme Retail Management is for duration of two years consisting of four semesters and is a judicious mix of skills relating to professional education and general education on credit-based system. The successful students will be awarded PG Diploma/Degree in both Skills and General education components of the curriculum. Students may exit after one year with P.G. Diploma (NSQF Level 8) or may continue for M.Voc. Degree (NSQF Level 9) The course aims at providing a comprehensive view of retailing, an analysis of the retail¬ environment and exposure to issues and developments in the industry. The course curriculum is a unique blend of general management and retail management subjects. The main objective of the curriculum is providing insights on retail operations. This will¬ enable the students to become good retail planners and decision makers and help focus on change and adaption to change. The course intends to provide the learner with an overview of the retail industry, concepts¬ and processes and an opportunity to understand the areas of

accountability for a Retail Manager. The learner will also be able to determine a level of interest in pursuing a career in retail management.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : FUNDAMENTALS OF RETAILING AND RETAIL FORMATS
Semester : I
COURSE OUTCOMES :After successful completion of this course, students will be able to:
CO1: Define retailing.
CO2: Understand the ways that retailers use marketing tools and techniques to Interact with their customers.
CO3: Apply a broad theoretical and technical knowledge of retail management to understand Opportunities and challenges for creating excellent retailing experience
CO4: Provide in-depth specialist and professional advice related to market selection and location analysis.
CO5: Critically analyse and summarize market information to assess the retailing environment and formulate effective retail strategies.

Name of Course : Master of Vocation (Animation & VFX)
Paper : ACCOUNTING FOR RETAIL MANAGERS
Semester : I
COURSE OUTCOMES :After successful completion of this course, students will be able to:
CO1: Develop an awareness and understanding of the accounting process and fundamental l accounting principles that underline the development of financial statements.
CO2: Interpret and analyse financial statements, combine financial analysis with other information to assess the financial performance and position of a business.
CO3: Analyse the role management accounting system has in organizations and make the best use of the knowledge of contemporary management accounting techniques.
CO4: Express the role of cost accounting in the modern economic environment.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : FOUNDATIONS OF MANAGEMENT
Semester : I
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1: Define management and explain how management differs according to levels.
CO2: Specify how the managerial tasks of planning, organizing, directing and controlling can be executed in different circumstances.
CO3: Evaluate leadership styles to anticipate the consequences of each leadership style.
CO4: Discuss and communicate the management evolution and how it will affect future managers.
CO5: Gain knowledge and understanding of the principles and practices of Management.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : ECONOMICS OF RETAIL
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Identify the factors that affect demand and supply.

CO2: Appreciate the role of markets and institutions in facilitating development of retailindustry.
CO3: Apply the knowledge and skills acquired to study the main forces sustaining and limitingeconomic development.
CO4: Understand how economics affect the business strategy of retail industry.
CO5: Understand the contribution of retail industry in today's economy.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : IT APPLICATIONS IN RETAIL
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Understand the fundamentals of computing devices and reinforce computervocabulary, particularly with respect to personal use of computer hardware and software, the internet & networking.
CO2: Learn hands-on use of Microsoft Office applications, Word, Excel, Access and PowerPoint.
CO3: Utilize the Internet Web resources and evaluate on-line e-retailing system
CO4: Solve common retailing problems using appropriate Information Technology applications and systems

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : FUNDAMENTALS OF E-RETAILING
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Define online pricing.
CO2: Determine the different methods and factors of online pricing
CO3: Understand the concept of price discrimination in E-retailing.
CO4: Understand the promotional strategies of E-retail business.
CO5: Evaluate E-Payment security and challenges

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : LAB ON E- RETAILING
Semester : I
COURSE OUTCOMES : After successful completion of this course, students will be able to:
CO1: Demonstrate an understanding of retailing in E-commerce by: a) Analysing branding and pricingstrategies, b) Using and determining the effectiveness of marketresearch c) Assessing the effects ofdisintermediation.
CO2: Use tools and services of the internet in the development of a virtual e-commerce site.
CO3: Demonstrate an understanding of the importance of brand management online.
CO4: Develop an e-marketing plan.
CO5: Assess online pricing options and implications.
CO6: Explain the role of digital media in identifying, anticipating and satisfying consumer needs and wants.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : PROJECT ON VISUAL MERCHANDISING
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:

CO 1: Define the meaning of visual merchandising.
CO 2: Learn different tools that are used for displaying jewellery and apparels at the retail stores.
CO 3: Apply basic design principles and colour theories to displays and advertising.
CO 4: Understand how to make display meaningful-Identify colour, size and other attributes of the product that match the display
CO 5: Understand and explain elements of planogram - Use of different props in a retail store

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : RETAIL MARKETING PRINCIPLES
Semester : II
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Define the term marketing and explain its role and importance in an individual firm and the overall economy.
CO2: Identify and classify marketing segments and targets, demonstrating the use of marketing research techniques.
CO3: Explain the use of product mix and life cycle in a marketing strategy.
CO4: Define marketing channels and identify different marketing channels and develop distribution strategies.
CO5: Describe the role of advertising and public relations in marketing a product or service.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : RURAL RETAILING
Semester : II
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Create awareness about the applicability of the concepts, techniques and processes of marketing in rural context.
CO2: Familiarize with the special problems related to sales in rural market.
CO3: Understand the working of rural marketing institutions.
CO4: Define the meaning and scope of rural market. CO5: Understand the roadblocks of Indian rural markets.
CO6: Suggest the solutions for the problems of rural markets.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : RETAIL BRANDING STRATEGIES
Semester : II
COURSE OUTCOMES :On successful completion of this course, students will be able to:
CO1: Develop a consumer-centric approach to building, measuring and evaluating strategies that build brand equity for new and existing brands.
CO2: Identify important issues related to planning and implementing brand strategies for a diverse group of marketing offerings (e.g., products, services, industrial goods, non-profits, etc.
CO3: Learn how to identify brand meaning and to measure brand strength for any particular market offering.
CO4: Apply branding principles and marketing communication concepts and frameworks to achieve brand management goals and improve marketing performance.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : MALL MANAGEMENT
Semester : II
COURSE OUTCOMES :On successful completion of this course, students will be able to:
CO1: Comprehend the mall architecture and mall project handling.
CO2: Selecting the mall locations and identify the catchment areas.
CO3: Evaluate the maintenance needs, develop and execute maintenance plan for individual shopping malls.
CO4: Understand the strategic management of malls.
CO5: Understand infrastructure management and recognize different types of malls.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : RETAIL BUYING AND MERCHANDISE MANAGEMENT
Semester : II
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Describe the planning and organizing required supporting buy and pricing decisions
CO2: Understand buying and merchandising process, techniques for buying, buying for various types of stores, buyer-vendor relationships
CO3: Identifying the duties, responsibilities, and tasks needed to be a competent buyer.
CO4: Plan and manage the merchandise assortment, including inventory management and merchandise flow

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : WORKSHOP ON RETAIL SELLING SKILLS
Semester : II
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Distinguish between the three selling situations (self- service, self- selection and full personal service)
CO2: Greet customers in an appropriate manner
CO3: Use active listening skills to identify specific customer needs identify various means of opening a sale
CO4: Demonstrate thorough product knowledge while selling i.e. benefits in use, functions, materials, origins, features
CO5: Explain functions/features/benefits of a product appropriate to the needs of a particular consumer (through information gained by active listening)
CO6: Construct an Offer Analysis Sheet for products which they are required to sell
CO7: Conduct a sale requiring personal selling from opening through to the closing stage.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : RETAIL MARKETING RESEARCH
Semester : III
COURSE OUTCOMES: After successful completion of this course students will be able to:
CO1: Understand the concept of Marketing Research in Retail Industry.
CO2: Synthesize the need for business research, its conduct and application to retail business decisions
CO3: Understand the ways that retailers use marketing tools and techniques to interact with their customers.
CO4: Create and conduct a small survey, applying a wide range of survey, scale, and questionnaire techniques.
CO5: Recommend the best sampling technique for different situations.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : BUSINESS ETHICS AND CORPORATE SOCIAL RESPONSIBILITY
Semester : III

COURSE OUTCOMES: MASTER OF VOCATION (RETAIL MANAGEMENT) (SEMESTER -III) Session: 2020-2021 Course Code: MVRL-3322 After successful completion of this course, students will be able to:

CO1: Understand the concept and need for business ethics.
CO2: Demonstrate an understanding of the ethical, social and economic environments.
CO3: Successfully practice the various approaches to Business Ethics.
CO4: Incorporate the concept of Business Ethics and Corporate Social Responsibility (CSR) into business decisions.
CO5: Identify the key ethical elements with respect to suppliers and competitors.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : BUSINESS ETHICS AND CORPORATE SOCIAL RESPONSIBILITY
Semester : III

COURSE OUTCOMES MASTER OF VOCATION (RETAIL MANAGEMENT) (SEMESTER -III) Session: 2020-2021 INTERNATIONAL RETAILING Course Code: MVRL-3323 After successful completion of this course, students will be able to: CO1: Understand the concept of International retailing. CO2: Evaluate the strategic sourcing, procurement and cross docking. CO3: Understand the development & implementation of merchandiseplans. CO4: Understand the global marketing mix in retailcontext.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : RETAIL PERSONNEL MANAGEMENT
Semester : III

COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Understand the aspects of retail personnel management.
CO2: Manage human resource affairs of a retail organisation.
CO3: Work efficiently in competitive environment.
CO4: Get a clear understanding about various HR plans and implementation strategies.
CO5: Evaluate the Methods of Job Evaluation.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : WORKSHOP ON IT SOLUTIONS IN RETAIL
Semester : III

COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Understand the role of IT in Retailing.
CO2: Get the clear information about different software used by Retailers.
CO3: Analyse the strategies of different entrepreneurs in E-Retailing.
CO4: Learn recent IT developments in Retail industry

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : CASE STUDIES IN RETAIL MANAGEMENT
Semester : III
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Critically review written case studies and provide feasible action recommendations.
CO2: Apply a structured problem-solving process to real business situations in the retail industry.
CO3: Assess profitability and overall success of the retail industry through the analysis of cases.
CO4: Summarize the steps performed in the analysis of a given case in the form of a presentation to a group of peers.
CO5: Demonstrate the ability to provide analysis and recommendations in the form of a written Case report

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : MINOR RESEARCH PROJECT
Semester : III
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: Understand the significance of research and correctly choosing aproblem.
CO2: Apply the tools and techniques of hypothesis selection, sampling, data collection, etc.
CO3: Analyse and interpret the data through various statistical and mathematical tools
CO4: Delve into managerial implications and business significance of the issue under Investigation.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : RETAIL BANKING SERVICES
Semester : IV
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Evaluate the applicability of retailing concepts.
CO2: Understand the process of using the debit & credit cards.
CO3:Assess the various retail products.
CO4: Understand the technology for retail banking.
CO5: Critically evaluate the recent trends in Retailing.
CO6: Know about the role and impact of customer relationship management.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : BUSINESS ENVIRONMENT& STRATEGIC MANAGEMENT
Semester : IV
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Have a clear understanding of formulation, implementation andevaluation of strategies.
CO2: Gain knowledge about strategies and their relation with dynamicenvironment.
CO3: Have a clear understanding about the strategy to be followed by the organizationto go ahead in the market.
CO4:Analyze the environment of a business from the legal & regulatory, macroeconomic, cultural, political, technological and natural perspectives.
CO5:Critically assess the business environment of an organization using selected strategic tools

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : ENTREPRENEURSHIP DEVELOPMENT IN RETAIL
Semester : IV
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1:Understand the key business models and innovation trends in retailing.
CO2:Have an appreciation of the opportunities and challenges around developing multi-sided platforms.
CO3:Learn how investors appraise retail and consumer start-ups.
CO4:Understand the importance of customer acquisition and the key role of analytics.
CO5:Understand the importance of retail business plan.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : LEGAL ASPECTS OF RETAILING
Semester : IV
COURSE OUTCOMES: On successful completion of this course, students will be able to:
CO1: Appreciate the existing legal complexities and need for new measures in the retailing sector.
CO2: Understand the existing legal framework under which the retailing activities must be conducted.
CO3: Understand the security issues and solutions in retailing.
CO4: Understand the installation and maintenance of portable first aid fire extinguishers.

Name of Course : MASTER OF VOCATION (RETAIL MANAGEMENT)
Paper : DIGITAL MARKETING
Semester : IV
COURSE OUTCOMES : On successful completion of this course, students will be able to:
CO1: Assess the impact of digital technology on the practice of marketing.
CO2: Analyse the use of different forms of digital marketing in the development of an online presence.
CO3:Develop a plan for marketing a product of business online.
CO4: Integrate social media tools into a marketing communications strategy.
CO5:Learn concepts such as Data Driven Marketing, Social Media Marketing, Analytics and Inbound Marketing.
CO6:Create digital marketing strategies – define goals, planning, analysing, implementation and evaluation of plans.

FACULTY OF VOCATIONAL STUDIES SYLLABUS of Bachelor of Vocation (Beauty & Wellness) (Semester: I- III & V)

Programme Specific Outcomes (PSO)

Bachelor of Vocation (Beauty & Wellness) Session: 2020-21 PROGRAMME SPECIFIC OUTCOMES

PSO1 -Cosmetology is the study and application of beauty treatment. It is the science which focuses on making people look good. It comprises many branches which include beauty therapy and treatments for face, hair, body and overall health care.

PSO2- A cosmetologist is an expert in makeup, skin care and beauty products. He or she provides beauty services that include cosmetic care for hair, skin and body.

PSO3- Students who are interested to become a cosmetologist need to obtain certain educational and licensing requirements. With the right educational qualification and license, cosmetologists can work in several industries and may also be self-employed.

PSO4- The job roles range from the regular haircut, hair wash, perming, styling, colouring, and hair extensions to manicure, pedicure and facials PSO5- The career possibility in the industry of beauty is endless. This industry offers various careers for these professionals to excel and grow. It is a lucrative career option with earnings increasing with experience and reputation trained cosmetologists find well paid jobs in beauty parlours, high-end salons and in luxurious hotels/resorts Makeup hair style.

Course Outcomes (COs)

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : Punjab History and Culture
Semester : I

COURSE OUTCOMES : After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.

CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab

CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy

CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : COMMUNICATION SKILLS IN ENGLISH
Semester : I
COURSE OUTCOMES : At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability torealise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic
CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : Sterilization, Hygiene and Sanitation(THEORY)
Semester : I
COURSE OUTCOMES : CO 1: Students impact knowledge about of skin and personal grooming.
CO 2: Understand why personal hygiene is an important part of good health maintenance
CO 3: Understand what areas are included in health maintenance
CO 4: Know when to offer choices when providing personal care
CO 5: Understand that professional ethics should always be applied when providing ,personal care

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : Anatomy of Skin (THEORY)
Semester : I
COURSE OUTCOMES : CO1: Apply concepts and knowledge of the general terminology, cell structure and function, histology, gross anatomy, and physiology related to the integumentary, skeletal, muscular and nervous systems to novel technical and/or clinical scenarios.
CO2: Evaluate information on human health and medical research as to its social, environmental, and ethical implications as part of responsible citizenship.
CO3: Use scientific laboratory equipment in order to gather and analyze data on human anatomy and physiology.
CO4: Understand skin functions and how relevant dysfunction contributes to disease.
CO5: Approach dermatologic disease with an understanding of basic skin structure
CO6: To create awareness about the skin

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : SCALP AND HAIR (THEORY)
Semester : I
COURSE OUTCOMES : CO 1: The purpose of this course is to provide students with the knowledge to identify terminology related to hair structure, growth and distribution

CO 2: Students perform hair care services for all types of hair including hair analysis, hair cutting, hairstyling, hair coloring and lightening, permanent waving and chemical relaxing.
CO 3: Students able to provide specialist hair and scalp treatments.
CO 4: Understand how health and safety policies and procedures affect specialist hair and scalp treatments CO 5: Understand the factors that influence specialist hair and scalp treatments
CO 6: Understand the science of specialist hair and scalp treatments
CO 7: Understand the products, tools, equipment and techniques, for hair and scalp treatments

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : Skin Care (PRACTICAL)
Semester : I
COURSE OUTCOMES :
CO 1: Students impact knowledge about skin.
CO 2: Understand what areas are included in health maintenance
CO 3: The purpose of this course is to provide students with the knowledge to identify terminology related to skin, products and treatments with the demonstration of proper application of cosmetics related to skin care.
CO 4: Understand the science of specialist skin treatments
CO 5: Understand the products, tools, equipment and techniques, for skin treatments.

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : Fashion and Basic Makeup (Practical)
Semester : I
COURSE OUTCOMES: CO 1: Students impact knowledge of about fashion makeup
CO 2: Understand that professional ethics should always be applied when providing, personal care.
CO 3: Understand the science of specialist skin treatments
CO 4: Students understand the products, tools, equipment and techniques, for fashion makeup
CO 5: Students be able to provide proper advice of suitable make-up According to Face

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : Histology of Hair (THEORY)
Semester : III
COURSE OUTCOMES: CO 1: Students learn the deep layers of hair its composition and its types
CO 2: To have knowledge for the structure connected with hair follicle
CO 3: This subject also teaches growth and replacement of hair with its hair cycle and hair pigments
CO 4: Students know the hair analysis for curing the problems related to scalp and hair
CO 5: This also teaches us the different disorders of hair and scalp both infectious and noninfectious
CO 6: Students learn different techniques of scalp treatment with different electrical equipment

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : Knowledge of Hair Bond (THEORY)
Semester : III
COURSE OUTCOMES: CO 1: Students know about hair analysis for curing the problems related to scalp and hair.

CO 2: This also teaches us the different disorders of hair and scalp both infectious and noninfectious.
CO 3: Students learn different techniques of scalp treatment with different electrical equipments.
CO 4: To have knowledge for the structure connected with hair follicle.
CO 5: This subject also teaches growth and replacement of hair with its hair cycle and hair pigments.
CO 6: Students learn the deep layers of hair its composition and its types

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : SALON MANAGEMENT (THEORY)
Semester : III
COURSE OUTCOMES: CO 1: Students understand the Ownership of salon.
CO 2: Students grab the knowledge about Salesmanship.
CO 3: Students learn about how to deal with Employees.
CO4: Students will develop their skill to set up a Beauty Salon Business and manage it effectively.
CO5: Students learn how to Sterilize & Sanitation the Equipment and Surroundings.

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : TECHNIQUES OF HAIR TEXTURING (PRACTICAL)
Semester : III
COURSE OUTCOMES :
CO 1: Students learn about the right products, implements and cutting tools used in hair cutting.
CO 2: Students understand how to deal with client.
CO 3: Understand about advance techniques of hair cuttings.
CO 4: Students Will Learn the Techniques of Handling the Tools.
CO 5: Students knowledge about cutting according to face shapes

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : HAIR COLOURING (PRACTICAL)
Semester : III
COURSE OUTCOMES:
CO 1: Students learn about the right products , implements used in hair coloring.
CO 2: To understand proper knowledge of color mixing.
CO 3: Understand about Advance Techniques of hair coloring.
CO 4: Students Will Learn Lightening and Toning Techniques (whole head)
CO 5: To Learn About the Changing of Base Color with Highlight and Lowlight

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : ASSAMBLAGE MANAGEMENT (PRACTICAL)
Semester : III
COURSE OUTCOMES:
CO 1: Students understand the Ownership of salon.
CO 2: Students grab the knowledge about Salesmanship.
CO 3: Students learn how to deal with Employees.

CO4: Students will develop their skill to set up a Beauty Salon Business and manage it effectively.
CO5: Students learn how to sterilize the Equipment and Surroundings.

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : ASSAMBLAGE MANAGEMENT (PRACTICAL)
Semester : III
COURSE OUTCOMES:
Bachelor of Vocation (Beauty& Wellness) Semester-V CHEMICAL HAIR PROCEDURES Course Code: BVBL-5141 Session: 2020-21 COURSE OUTCOMES:- CO 1: Students will understand the technique of relaxing. CO 2:Students learn about good knowledge of material and procedure used for chemical treated hair. CO 3: Students will learn the technique of Permanent hair straightening by Break the Natural Bond. CO 4:. To learn about the right products, implements and tools used in hair Styling. CO 5: To Learn the Technique of perming with the Help of Chemicals. CO 6: To grab knowledge for person hygiene and learn healthy habits

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : THERAPEUTIC MASSAGE
Semester : V
COURSE OUTCOMES:
CO1: Students learn hands-on holistic reflexology techniques
CO 2: Create a safe massage environment.
CO 3: Benefits and contraindications CO 4: Development/understanding of physical, mental and spiritual healing (body/mind connection)
CO 5: Learn advanced and specialized reflexology and assessment techniques
CO 6: Integrate various massage skills to provide effective massage therapy techniques in a clinical setting.

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : ELECTRICAL & CHEMICAL TREATMENT
Semester : V
COURSE OUTCOMES:
CO 1 : Students confidence to determine suitable peels for skin types / conditions.
CO 2 : Through understanding of science and treatment indicators of chemical peel.
CO 3 : Students able to carry out facial electrical treatments for particular skin type.
CO 4 : Students able to gain deep knowledge of products, tools & equipment.
CO 5 : Students understand the importance of hygiene and sanitation & sterilization of equipments.

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : FUNDAMENTALS OF BEAUTY
Semester : V
COURSE OUTCOMES: CO 1: Students will learn to prepare the client for eye brow transformation
CO 2: Students learn about the various face shape and brow structure.
CO 3: Students will have knowledge of advance eye equipments.
CO 4: Students know about the techniques of tinting eyelashes and eyebrows.
CO 5: Students learn to handling the eye look transformation.
CO 6: To trained the students work safely and effectively

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : MASSAGE THERAPY
Semester : V
COURSE OUTCOMES:
CO 1: Students create a safe massage environment.
CO 2: Integrate various massage skills to provide effective massage therapy techniques in a clinical setting.
CO 3: To provide students with the basic bodywork techniques and skills needed to be
CO 4: Students to make use of the therapies for releasing the stress, fatigue, tension, depression.
CO 5: Students practice appropriate safety and sanitation procedure.

Name of Course : Bachelor of Vocation (Beauty & Wellness)
Paper : SKIN TREATMENTS & PEELING
Semester : V
COURSE OUTCOMES: CO 1 : Students confidence to determine suitable peels for skin types / conditions.
CO 2 : Through understanding of science and treatment indicators of chemical peel.
CO 3 : Students able to carry out facial electrical treatments for particular skin type.
CO 4 : Students able to gain deep knowledge of products, tools & equipment.
CO 5 : Students understand the importance of hygiene and sanitation & sterilization of equipments.

Faculty of vocational studies SYLLABUS of Masters of Vocation Textile Design & Apparel Technology

FACULTY OF VOCATIONAL STUDIES SYLLABUS of B.Voc (Nutrition Exercise and Health) (Semester: I, III and V)

Programme Specific Outcomes (PSO)

PROGRAMME SPECIFIC OUTCOMES OF B.VOC (NUTRITION EXERCISE AND HEALTH) (Session 2020-2021)

PSO (1):- To gain basic knowledge of nutrients.

PSO (2):- To gain knowledge about food preparation.

PSO (3):- To develop knowledge about carbohydrates, proteins, fat.

PSO (4):- To develop the knowledge of different food preparation methods.

PSO (5):- To demonstrate different asan to the students.

PSO (6):- Enable the students to have a proper knowledge about the benefits of posture of different asan. PSO (7):- To give knowledge about structure and function of human body.

PSO (8):- To provide knowledge about regulation of blood glucose in human body and role of pancreas towards blood glucose level.

PSO (9):- To develop the roles and responsibilities of diabetic educator also provide knowledge about first aid and different medical responses.

PSO (10):- To give knowledge about bio medical waste management their categories, color coding and types.

PSO (11):- To identify different health care system and functions of hospitals and facilities provided by dietetics department.

PSO (12):- To develop the role and functions of diet assistant.

PSO (13):- To develop the knowledge about balanced diet and food groups.

PSO (14):- To enhance the knowledge of personnel hygiene of diet assistant. Teach them different aspects of healthy living.

PSO (15):- To enhance the soft skills of communication of diet assistant.

PSO(16): Able to provide nutrition counseling and education to individuals, groups and communities throughout the lifespan using a variety of communication strategies.

PSO(17). Able to apply technical skills , knowledge of health behaviour , clinical judgement and decision making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention.

PSO(18). Students can implement strategies for food access, procurement , preparation and safety for individuals , families and communities.

PSO(19). Apply food science knowledge to describe functions of ingredients in food.

Course Outcomes (COs)

B.Voc (Nutrition Exercise and Health) (Semester– I) Session 2020-21 Semester I Punjabi (Compulsory) Punjabi (Compulsory)

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Punjab History and Culture (From Earliest Times to C. 320) (Special paper in lieu of Punjabi Compulsory) (For those students who are not domicile of Punjab)
Semester : I
COURSE OUTCOMES: After completing Semester I and course on Punjab History and Culture students of History will be able to identify and have a complete grasp on the sources & writings of Ancient Indian History of Punjab.

CO 1: Identify and describe the emergence of earliest civilizations in: Indus Valley Civilization and Aryan Societies.
CO 2: Identify and analyses the Buddhist, Jain and Hindu faith in the Punjab
CO 3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy
CO 4: To make students understand the concepts of two faiths Jainism and Buddhism, its principles and their application and relevance in present times

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : COMMUNICATION SKILLS IN ENGLISH (Theory)
Semester : I
COURSE OUTCOMES: At the end of this course, the students will develop the following Skills:
CO 1: Reading skills that will facilitate them to become an efficient reader
CO 2: The ability to realise not only language productivity but also the pleasure of being able to articulate well
CO 3: The power to analyse, interpret and infer the ideas in the text
CO 4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking
CO 5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English
CO 6: Ability to plan, organise and present ideas coherently on a given topic CO 7: The skill to use an appropriate style and format in writing letters (formal and informal)

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : INTRODUCTION TO PSYCHOLOGY (Theory)
Semester : I
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO (1) – To enable them to understand the personality of an individual
CO (2) – To gain knowledge about attention and intelligence of an individual
CO (3) – To understand the emotions of an individual

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : INTRODUCTION TO PSYCHOLOGY (Practical)
Semester : I
COURSE OUTCOMES : Upon Completion of this Course the student should be able to
CO (1) – to enable them to understand the personality of an individual
CO (2) – To gain knowledge about attention and intelligence of an individual
CO (3) – To understand the emotions of an individual

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : BASIC FOODS AND NUTRITION (THEORY)
Semester : I
COURSE OUTCOMES : Upon Completion of this Course the student should be able to
CO1:- To gain basic knowledge of nutrients.
CO2:- To gain knowledge about food preparation.
CO3:- To develop knowledge about carbohydrates, proteins, fat.
CO4:- To develop the knowledge of different food preparation methods.
CO5:- To develop the knowledge of food as source of energy and determine basal metabolism rate

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : BASIC FOODS AND NUTRITION (Practical)
Semester : I
COURSE OUTCOMES : Upon Completion of this Course the student should be able to
Co (1) – To identify the different food stuff, weight and measures and cooking.
CO (2) – To distinguish between different types of cooking methods.
CO (3) – To develop the knowledge about cleaning of kitchen equipments, utensils, floor and cupboard.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Basics of Computer - I
Semester : I
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: use Microsoft Word to prepare documents required for routine office work
CO2: edit, format, spell-check save and print documents as required on routine basis.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : YOGA AND BODY FITNESS (Practical)
Semester : I
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO (1):- To demonstrate different asan to the students.
CO (2):- Enable the students to have a proper knowledge about the benefits of posture of different asan.
CO (3):- To make them understand the use of exercise in daily life.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Project (Practical)
Semester : I
COURSE OUTCOMES: CO1. To understand different food groups
CO2. To get the knowledge of leaflet and pamphlet CO3. To get the insight of various regional foods

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Human physiology (Theory)
Semester : III
COURSE OUTCOMES: Upon Completion of this Course the student should be able to :
CO1. To develop the knowledge of cell structure and functions of inclusion bodies.
CO2. To understand the elementary knowledge of structure and functions of cardiovascular system.
CO3. To develop the knowledge of different types of endocrine glands and its functions.
CO4. To develop the knowledge about digestive system and its structure, function, digestion and absorption of carbohydrates, proteins and fats.
CO5. To develop the knowledge of structure and function of urinary system.
CO6. To develop the knowledge of respiratory system and reproductive system.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : SOFT SKILLS AND COMMUNICATION (THEORY)
Semester : III
COURSE OUTCOMES: At the end of this course, students will be able to:
CO1: improve their communication skills
CO2: learn techniques to organise ideas for paragraph writing
CO3: get better insight into the usage of Standard English, grammar and effective sentence skills
CO4: enrich their vocabulary, and usage of new words
CO5: develop the ability to write notices and memos

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Nutrition, Exercise and Immunity (Theory)
Semester : III
COURSE OUTCOMES :Upon Completion of this Course the student should be able to
CO1. To develop the knowledge about nutrition and its component.
CO2. To understand the elementary knowledge of immune system and role of nutrients in immune functions.
CO3. To develop the knowledge about infections.
CO4. To develop the knowledge about role of nutraceuticals and functional foods.
CO5. To develop the knowledge about HIV, Tuberculosis.
CO6. To develop the knowledge about prebiotics, probiotics and food allergy

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : DIABETES EDUCATION-II (Theory)
Semester : III
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO1:- To give detail introduction to diabetes.
CO2:- To provide knowledge about types of Diabetes: Type I, Type II, Prediabetes, Gestational Diabetes, and Impaired Glucose Tolerance (IGT).
CO3:- To give knowledge about pathology of diabetes and complications of diabetes.
CO4:- To provide knowledge about hand care, foot care, eye care for diabetes patients.
CO5:- To provide knowledge about initial assessment and reassessment of diabetic patients.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Diabetes Education -II (Practical)
Semester : III
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO1. To make them understand about Biochemical and Anthropometric assessment, Disease history and current status evaluation.
CO2. To develop the knowledge of diet counseling, diet and drug insulin management.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Food science and quality control Standards (Theory)
Semester : III
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO1. To knowledge about principal of food science.
CO2. To develop the knowledge about starchy food, flours, fats and oils.
CO3. To develop the knowledge about meat structure, egg, milk and milk products.
CO4. To develop the knowledge about pulses, legumes, fruits and vegetables.
CO5. To develop the knowledge about sampling procedure and sensory evaluation.
CO6. To develop the knowledge about grading and marketing standards.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Food science and quality control Standards (Practical)
Semester : III
COURSE OUTCOMES Upon Completion of this Course the student should be able to
CO1. To knowledge about evaluation of food grains.
CO2. To develop the knowledge about chemistry of cereals.
CO3. To develop the knowledge about chemistry of colloidal particles.
CO4. To develop the knowledge about food colours, preservation of food and new product development.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Community Nutrition (Theory)
Semester : III
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO1. To understand the factors affecting food consumption and malnutrition.
CO2. To gain knowledge about agricultural production and socio- economic and psychological factors related to malnutrition and family size and composition.
CO3. To understand the measures to overcome malnutrition and to apply basic principle of nutrition to improve the dietary practices of community.
CO4. To gain knowledge about economics of sanitation of food nutrition.
CO5. To understand the national and international organization engaged in food and nutrition activity.
CO6. To understand the role of voluntary agencies their state programmes community development and extension programmes.
CO7. To understand the principles of planning, executing and evaluating the nutrition education programme.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Community Nutrition (Practical)
Semester : III
COURSE OUTCOMES: Upon Completion of this Course the student should be able to
CO1. To understand the planning and conducting nutrition education programmes.
CO2. To develop the knowledge about standardization of cheap, nutritious recipes using food suitable for vulnerable groups.
C03. To enable them to conduct survey regarding vulnerable groups.
CO4. To understand the preparation of teaching aids for imparting nutrition education programmes.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Internship (Practical)
Semester : III
COURSE OUTCOMES: CO1:- To understand the importance of quality control and assurance
CO2:- To get understanding of various Food Acts
CO3:- To get the information about composition and structure of various food groups.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Fundamentals of dietetics (Theory)
Semester : V
COURSE OUTCOMES: (CO)1.To gain the knowledge about Indian dietetic association and its membership.
(CO)2. To gain insight into objectives and concept of therapeutic diet.
(CO)3. To develop adaptations of normal diets into therapeutic diets.
(CO)4. To understand the concept about hospital dietary department and patient education.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : SOFT SKILLS AND COMMUNICATION (THEORY)
Semester : V

COURSE OUTCOMES: At the end of this course, students will be able to:
CO1: enhance their communication skills
CO2: learn techniques to organise ideas for email writing and handling responses
CO3: identify problems and be equipped with problem solving skills
CO4: imbibe and practice leadership skills
CO5: develop the ability to communicate through situational dialogues and telephonic conversations

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Duty Manager (Theory)
Semester : V
COURSE OUTCOMES: (CO)1.To gain the knowledge about health care and referral system of India.
(CO)2. To gain insight into objectives and concept of Quality in health care service.
(CO)3. To develop the knowledge about fundamentals of accounting.
(CO)4. To understand the concept about fire safety, security , hand hygiene , grooming, biomedical waste management and hospital management system

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Introduction to Sports Nutrition (Theory)
Semester : V
COURSE OUTCOMES:
CO1. To develop the knowledge about concept of sports Nutrition
CO2. To understand the knowledge about carbohydrate , fat and protein intake during exercise.
CO3. To develop the knowledge about concept of energy balance and energy requirement in athletic performance.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Internet Applications
Semester : V
COURSE OUTCOMES: After successful completion of this course, students will be able to:
CO1: understand working of internet, services it offers
CO2: communicate via email effective and manage email accounts in efficiently

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Extension education and AV Aids (Theory)
Semester : V
COURSE OUTCOMES
(CO)1. To understand the knowledge about communication skills and its functions.
(CO)2. To gain the knowledge about audio visual Aids.
(CO)3. To develop the knowledge about programme planning

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Extension education and AV Aids (practical)
Semester : V
COURSE OUTCOMES :(CO)1. To enable them to make posters, templates , flashcards, pamphlets and PowerPoint presentation.
(CO)2. To gain the knowledge about how to prepare lesson plan.
(CO)3. To gain the knowledge about field visits and imparting extension education to rural people.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Food service management (Theory)
Semester : V
COURSE OUTCOMES: (CO)1. To gain in depth knowledge of food service management .
(CO)2. To understand basic managerial skills.
CO3. To develop the knowledge about meal planning in institution , menu types and standardization of common food preparation.
CO4. To understand the knowledge about management, organization and communication process and method.
CO5. To develop the knowledge about personnel management, methods of recruitment, welfare provision for employees- health, safety and recreation.
CO6. To understand the knowledge about types of equipment, kitchen unit, storage units, serving units and dishwashing.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Food service management (Practical)
Semester : V
COURSE OUTCOMES : CO1. To develop the knowledge about standardization and cost calculation of recipes.
CO2. To enhance the supervising quality of a student in which they have to plan cafeteria and calculate its cost.
CO3. To gain the knowledge about market survey of food service equipment.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Diet Therapy and Applied Nutrition (Theory)
Semester : V
COURSE OUTCOMES : Upon Completion of this Course the student should be able to
CO1. To knowledge about principles of therapeutic diets.
CO2. To develop the knowledge about diet in metabolic and chronic disorder – diabetes , gout, cardiovascular disease.
CO3. To develop the knowledge about nutrition and cancer.
CO4. To develop the knowledge about AIDS and skin disease.
CO5. To develop the knowledge about Drug – Nutrient interaction.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Diet therapy and applied nutrition (Practical)
Semester : V

COURSE OUTCOMES : Upon Completion of this Course the student should be able to

CO1. To develop the knowledge about planning, preparation and serving diets for all the conditions.

CO2. To develop knowledge functioning of hospital in patient care and to plan diet for different patients.

CO3. To develop the knowledge of preparing innovative recipes for therapeutic conditions such as diabetes, hypertension.

Name of Course : B.Voc (Nutrition Exercise and Health)
Paper : Cafeteria (Practical)
Semester : V

COURSE OUTCOMES: Upon Completion of this Course the student should be able to

CO1. To knowledge about preparation of recipes suitable for cafeteria.

CO2. To develop the knowledge about standardization and cost calculation of recipes selected for cafeteria.

CO3. To enhance the supervising quality of a student in which they have to plan cafeteria and calculate its cost.

FACULTY OF LANGUAGES SYLLABUS of MASTER OF ARTS (ENGLISH) (SemesterI-IV)

PROGRAMME SPECIFIC OUTCOMES

At the end of this programme the students will be able to:

PSO 1: Build on the development of the discipline from undergraduate to master's level

PSO 2: Develop familiarity with various literary genres and acquire an understanding of strategies of textual interpretation appropriate to different literary genres

PSO 3: Be aware of the major traditions of literatures available in English, and develop an appreciation of the diversity of literary styles and social concerns

PSO 4: Carry out comparative analysis of various texts and relate them with real life situations and people

PSO 5: Understand various nuances of English Language as used in works of literature

PSO 6: Enhance their knowledge of the usage of various linguistic structures at the level of speech and writing and develop better language proficiency and fluency

PSO 7: Display better skills of speaking and writing in the language and also exhibit better critical and analytical skills

SEMESTER I

MENL-1211: POETRY (RENAISSANCE TO ROMANTIC)

COURSE OUTCOMES

At the end of this course, the students will:

CO 1: Be acquainted with the major trends of Renaissance, Neoclassical and Romantic poetry

CO 2: Understand the concepts of good and evil through the Biblical allegory by Milton in *Paradise Lost*

CO 3: Appreciate the romantic love as well as the religious devotion as expressed in the poems of the metaphysical poet John Donne

CO 4: Have a glimpse of socio-cultural milieu of the upper strata of English society as expressed through the mock heroic poem *The Rape of the Lock* by Pope and learn about the various cultures, men and manners and their value systems

CO 5: Appreciate the nature poems and the socially relevant poems of the representative nature poet, Wordsworth and inculcate the moral, psychological and educational relevance of the poems studied

CO 6: Understand different literary terms, poetic devices, figures of speech and their subtle nuances as used by the poets prescribed in the syllabus

CO 7: Discover and explore deeper meanings behind literal ones and enhance their knowledge of the various uses of linguistic structures in poetry

SEMESTER I

MENL-1212: RENAISSANCE DRAMA

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Get acquainted with the major trends of Renaissance drama

CO 2: Understand the relevant dramatic genres

CO 3: Read closely and understand a range of plays from the English Renaissance repertoire

CO 4: Develop a connection between the themes of the Renaissance drama and the society

CO 5: Display an in-depth knowledge of the prescribed plays

CO 6: Analyze and appreciate the dramatic technique, plot development and art of characterisation in prescribed plays

CO 7: Understand different literary terms, dramatic devices, figures of speech and their subtle nuances as used by the dramatists

CO 8: Develop ability to think and write critically about plays

SEMESTER I

MENL-1213: ENGLISH NOVEL (UPTO 19th CENTURY)

COURSE OUTCOMES

At the end of this course, the students will:

CO 1: Be well acquainted with the major trends in English novel upto 19th century and the historical times in which the novels in the syllabus are set

CO 2: Understand the genre of the picaresque novel by studying Fielding's *Joseph Andrews*

CO 3: Appreciate the typical life of gentility of the Georgian era as depicted by Jane Austen in *Pride and Prejudice*

CO 4: Understand the socio-economic conditions of 19th century England after industrialization as depicted by Dickens in *Hard Times*

CO 5: Appreciate the issues of class, education and marriage as explored by Hardy in *Jude the Obscure* through the characters of Jude, Sue, Arabella etc.

CO 6: Know the various literary terms like tragedy, satire, irony etc. and understand their significance in literature and life

CO 7: Analyze and appreciate the narrative technique, plot development and the art of characterisation of the novelists

SEMESTER I

MENL-1214: PHONETICS AND SPOKEN ENGLISH

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Know the various sounds of English, their accurate pronunciation, and how the various sounds are articulated

CO 2: Understand the allophonic variants of the same phoneme occurring in different positions

CO 3: Enhance their understanding of other significant features of English speech like syllable, consonant clusters, accent, weak forms, tone groups, intonation etc.

CO 4: Improve their English speaking skills and fluency

CO 5: Better understand the speech patterns and variations in the speech of people from other English speaking states/ countries

CO 6: Be better equipped to fulfil the interview/ job requirements in areas where English language proficiency is an important factor

CO 7: Know about the varieties of English prevalent across the globe and the native and non- native accents of English, including the GIE

SEMESTER I

MENL-1215: HISTORY OF LITERATURE–I

COURSE OUTCOMES

At the end of this course, the students will:

CO 1: Develop knowledge of and appreciation for the origin of Classical and English literature and its growth through various genres over a given period of time from the Classical through Medieval and Renaissance up to Neoclassical and Romantic

CO2: Understand the way particular ideologies, movements and worldviews about life, politics, religion and the world at large have found expression in different writers through various techniques, concepts, devices etc. from the Classical to the Romantic period

CO 3: Know about the works, and thematic as well as stylistic concerns of the prominent dramatists of Classical, Medieval, Renaissance, Neoclassical and Romantic periods

CO 4: Know about the works, and thematic as well as stylistic concerns of the prominent poets of Classical, Medieval, Renaissance, Neoclassical and Romantic periods

CO 5: Have an understanding of the rise of the Novel as well as its various sub-genres and know about the works, and thematic as well as stylistic concerns of the prominent 18th century and Romantic British novel

CO 6: Be able to relate various literary texts studied to their historical, socio-cultural, political and economic contexts and understand their temporal as well as universal significance

SEMESTER II

MENL-2211: POETRY–II (VICTORIAN & MODERN)

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Get acquainted with the major trends of Victorian and Modern poetry

CO 2: Appreciate symbolism in the poetry of Yeats

CO 3: Have a better understanding of human psychology and motives as revealed in the dramatic monologues of Browning

CO 4: Relate to the modern day angst and alienation expressed in Eliot

CO 5: Understand the experiences of the common people in the modern age through the Movement poet, Philip Larkin

CO 6: Understand different literary terms, poetic devices, figures of speech and their subtle nuances as used by the poets prescribed in the syllabus

CO 7: Discover and explore the connotative meanings behind the literal ones and understand the multiple nuances in poetry

SEMESTER II

MENL-2212: MODERN DRAMA

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Get acquainted with the major trends of modern drama

CO 2: Understand the relevant dramatic genres

CO 3: Read closely and understand a range of plays from the English modern repertoire

CO 4: Develop a connection between the themes of modern drama and the modern society

CO 5: Cultivate skills in articulating their own opinions about plays

CO 6: Analyze and appreciate the dramatic technique, plot development and the art of characterisation of the dramatists

CO 7: Understand different literary terms, dramatic devices, figures of speech and their subtle nuances as used by the dramatists

CO 8: Develop ability to think and write critically about plays

CO 9: Develop a connection between the themes of modern drama and modern society

SEMESTER II

MENL-2213: MODERN NOVEL

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Get acquainted with the diversity of modern novel- its techniques, approaches and thematic concerns

CO 2: Understand the Freudian concept of 'Oedipus Complex' by studying Lawrence's *Sons and Lovers*

CO 3: Learn the genre of 'Stream of Consciousness Novel' through the study of Virginia Woolf's *Mrs. Dalloway*

CO 4: Understand the dark side of humanity, the savagery that is present even in civilised human beings, through the study of Golding's *The Lord of the Flies*

CO 5: Better understand the motives and complexities of the human mind through the psyche of the characters in the novels

CO 6: Analyze and appreciate the narrative technique, plot development and the art of characterisation of the novelists

SEMESTER II

MENL-2214: ENGLISH GRAMMAR AND WRITING

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Enhance their understanding of the various structures of English language from smaller to larger units -- morphemes, words, phrases, clauses, sentences leading to the formation of paragraphs, essays and other forms of writing

CO 2: Use the various underlying structures and patterns of English language more accurately

CO 3: Familiarise themselves with the basic sentence patterns of English language and their accurate usage

CO 4: Promote effective writing skills through the teaching of various intra-sentential cohesive and unifying devices

CO 5: Identify common errors related to various grammatical concepts and learn about their accurate usage

SEMESTER II

MENL-2215: HISTORY OF LITERATURE–II

COURSE OUTCOMES

At the end of this course, the students will:

CO 1: Get a preview of the trends prevailing in the various genres during the 19th century, modern and post-modern period in English literature produced across borders

CO 2: Have an idea of how literature of these times was immensely influenced by the two world wars that changed the social, cultural, political and economic atmosphere across the globe

CO 3: Have a knowledge of how literature of these time periods was influenced by the phenomenal discoveries like Darwin's theory of evolution, psychological concepts of Sigmund Freud, and the artistic, linguistic, economic and philosophical theories like Marxism, Feminism, Existentialism, Dadaism, Post-structuralism etc.

CO 4: Know the works and thematic concerns of prominent modern British, American and Continental playwrights

CO 5: Know the works and thematic concerns of prominent poets of the Victorian and Modern period and the British, American, Continental and French Symbolist movements

CO 6: Know the works and thematic concerns of the Victorian, Modern and Post-modern British and American novelists, Continental novelists of the 20th century and the Russian and French novelists of 19th century

SEMESTER III

MENL-3211: IRISH LITERATURE

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Get acquainted with some major works of Irish literature from 17th century till 20th century

CO 2: Develop an understanding of novels and plays in Irish Literature

CO 3: Understand the social and political environment surrounding them

CO 4: Acquire an understanding of the basic literary terms relevant to the text

CO 5: Develop critical reasoning and analytical thinking

SEMESTER III

MENL-3212: GENERAL LINGUISTICS

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Develop an understanding of the key concepts like structural and functional linguistics in the field of modern linguistics

CO 2: Get an introduction to the study of some modern linguistic theories

CO 3: Develop an insight into the various methods and approaches that can be used for the teaching of English as a second language

SEMESTER III

MENL-3213: LITERARY CRITICISM

COURSE OUTCOMES

At the end of this course, the students will able to:

CO 1: Have a better understanding of the function of literary criticism, and an idea of tradition

CO 2: Have a familiarity with critical ideas in literature

CO 3: Develop an appreciation of the relevance and value of theoretical models in literary study

CO 4: Acquire an understanding of important theoretical methodologies by summarising key concepts or arguments

CO 5: Apply these concepts or arguments successfully in close reading of a literary text

SEMESTER III

MENL-3214: INDIAN WRITING IN ENGLISH

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Understand the Indian writers' contribution to literature in English in different time periods

CO 2: Develop an understanding of Indian poets and novelists from 1950s to the present times

CO 3: Promote an understanding of various poetic devices and techniques, used by Indian poets and novelists

CO 4: Gain an insight into various narrative techniques and socio-cultural issues in the prescribed texts

CO 5: Develop an understanding of character study and better psychological analysis

SEMESTER III

MENL-3215: RHETORIC AND ADVANCED COMPOSITION

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Improve writing skills in English language by learning more about Diction

CO2: Improve unity and coherence in writing

CO3: Recognise various discourses, developmental strategies, and their implications in understanding a piece of writing

CO4: Develop proficiency in overall writing skills and improve understanding of others' writings

SEMESTER IV

MENL-4211: MODERN LITERARY THEORY

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Build a perspective of some of the modern literary/critical theories

CO 2: Acquire an understanding of the major developments in the field of critical theory for an application of these theories to literature

CO 3: Understand the relationship of Freudian psychoanalytical theory to literature and its relevance to the study of life and literature

CO 4: Understand the gender dynamics and their working in society/literature

CO 5: Develop insights into the colonial discourse and the crisis therein

CO 6: Acquire an understanding of the co-relation between poetics and linguistics, literature and history, form and content etc.

CO 7: Develop an understanding of the role of the author vis-a-vis his/her creation, and changing critical perceptions related to it

SEMESTER IV

MENL-4212: AMERICAN LITERARTURE

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Identify key ideas, representative authors and works, significant historical or cultural events and characteristic attitudes expressed in the literatures of different periods or regions

CO 2: Analyse literary works as expressions of individual or communal values within the social, political, cultural or religious context of different literary periods

CO 3: Develop skills of critical thinking, inquiry, analysis and evaluation

CO 4: Discuss and understand the historical and cultural context of major American authors and works

CO 5: Identify major literary movements and trends in American literature

SEMESTER IV

MENL-4213: POST COLONIAL LITERATURE

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Examine the social and political power relationships between the coloniser and the colonised

CO 2: Understand history from different perspectives and develop critical insights into how histories can be re-written with a shift in perspective

CO 3: Understand the problems and challenges faced by a colonised nation

CO 4: Perceive how these literatures can be the voice of the marginalised

CO 5: Understand and interrogate the processes of colonial discourse

SEMESTER IV

MENL-4214: PROSE AND SHORT STORIES

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Get acquainted with the major trends of English Prose especially with reference to Bacon, Lamb and Russell

CO 2: Critically analyse and relate to the social, historical and cultural contexts of the age

CO 3: Make inferences based on comprehension of a prose text

CO 4: Comprehend and develop a taste for the various elements of the genre of short story

CO 5: Understand various literary devices like Irony, Satire, Pathos, Humour etc.

SEMESTER IV

MENL-4215: WORLD CLASSICS IN TRANSLATION

COURSE OUTCOMES

At the end of this course, the students will be able to:

CO 1: Understand texts of various world classics through their English translation

CO 2: Undertake critical analysis of prescribed texts

CO 3: Acquire an understanding of literary, historical, social, and cultural movements associated with texts

CO 4: Enhance Language Skills through discussion and writing about texts and theories related to them

All Punjabi Paper classwise

FACULTY OF LANGUAGES

Basic Punjabi (in lieu of Punjabi Compulsory)
for

(Semester I-II)

Course outcomes

Name of the Course : BACHELOR OF VOCATION (RETAIL MANAGEMENT)/ BACHELOR OF VOCATION (MANAGEMENT & SECRETARIAL PRACTICES)/ BACHELOR OF VOCATION (ANIMATION)/ BACHELOR OF VOCATION (TEXTILE DESIGN & APPAREL TECHNOLOGY)/ BACHELOR OF VOCATION (NUTRITION EXERCISE & HEALTH))/ BACHELOR OF VOCATION (BEAUTY &WELLNESS)/ BACHELOR OF VOCATION (PHOTOGRAPHY &JOURNALISM)

Paper : BASIC PUNJABI
Semester : I
Course outcomes

CO1:ਮੁੱਢਲੀਪੰਜਾਬੀਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀਭਾਸ਼ਾ ਨੂੰ ਸਿਖਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆਵਿਚਪਾ ਕੇ ਇਕਹੋਰਭਾਸ਼ਾਸਿੱਖਣਦਾਂਮੌਕਾਪ੍ਰਦਾਨਕਰਨਾ ਹੈ।

CO2:ਇਸ ਵਿਚਵਿਦਿਆਰਥੀ ਨੂੰ ਬਾਰੀਕਬੀਨੀਨਾਲਭਾਸ਼ਾਦਾਅਧਿਐਨਕਰਵਾਇਆਜਾਵੇਗਾ।

CO3:ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀਸ਼ਬਦਰਚਨਾਤੋਂਜਾਣੂ ਕਰਵਾਇਆਜਾਵੇਗਾ।

CO4:ਮੁੱਢਲੀਪੰਜਾਬੀਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਨਿੱਤਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀਸ਼ਬਦਾਵਲੀਬਾਰੇ ਦੱਸਣਾ ਹੈ।

CO5:ਮੁੱਢਲੀਪੰਜਾਬੀਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਦਾਸ਼ਬਦ ਘੇਰਾ ਵਿਸ਼ਾਲਕਰਨਾ ਹੈ।

CO6:ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀਵਿਚਹਫ਼ਤੇ ਦੇ ਸੱਤਦਿਨਾਂ ਦੇ ਨਾਂ, ਬਾਰ੍ਹਾਂਮਹੀਨਿਆਂ ਦੇ ਨਾਂ, ਰੁੱਤਾਂ ਦੇ ਨਾਂ, ਇਕਤੋਂ ਸੌ ਤੱਕਗਿਣਤੀਸ਼ਬਦਾਂਵਿਚਸਿਖਾਉਣਾ ਹੈ।

Name of the Course : Bachelor of Vocation(Retail Management)/Bachelor of Vocation(Management & Secretarial Practices)/ Bachelor of Vocation (Animation)/Bachelor of Vocation(Textile Design & Apparel Technology)/Bachelor of Vocation (Nutrition Exercise &Health))/Bachelor of Vocation (Beauty &Wellness)/ Bachelor of Vocation (Photography &Journalism)

Paper : BASIC PUNJABI
Semester : II
Course outcomes:

CO1: ਮੁੱਢਲੀਪੰਜਾਬੀਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀਭਾਸ਼ਾ ਨੂੰ ਸਿਖਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆਵਿਚਪਾ ਕੇ ਇਕਹੋਰਭਾਸ਼ਾਸਿੱਖਣ ਦੇ ਮੌਕੇ ਪ੍ਰਦਾਨਕਰਨਾ ਹੈ।ਇਸ ਵਿਚਵਿਦਿਆਰਥੀ ਨੂੰ ਬਾਰੀਕਬੀਨੀਨਾਲਭਾਸ਼ਾਦਾਅਧਿਐਨਕਰਵਾਇਆਜਾਵੇਗਾ।

CO2: ਵਿਦਿਆਰਥੀਆਂਨੂੰ ਪੰਜਾਬੀਸ਼ਬਦਰਚਨਾਤੋਂਜਾਣੂ ਕਰਵਾਇਆਜਾਵੇਗਾ।

CO3: ਸ਼ਬਦਸ਼੍ਰੇਣੀਆਂਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੰਜਾਬੀਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂਨੂੰ ਸਮਝਣਲਈਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂਦਾਵਿਕਾਸ ਕਰਨਾ ਹੈ।

CO4: ਮੁੱਢਲੀਪੰਜਾਬੀਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਦਾਸ਼ਬਦ ਘੇਰਾ ਵਿਸ਼ਾਲਕਰਨਾ ਹੈ।

CO5: ਵਿਦਿਆਰਥੀਵਾਕ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਇਸਦੀਬਣਤਰਤੋਂਜਾਣੂ ਹੋਣਗੇ ਅਤੇ ਭਾਸ਼ਾ ਤੇ ਪਕੜਮਜਬੂਤ ਹੋਵੇਗੀ।
CO6: ਪੈਰ੍ਹਾਰਚਨਾਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।
CO7: ਸੰਖੇਪ ਰਚਨਾਕਰਨਨਾਲਵਿਦਿਆਰਥੀਆਪਣੀਗੱਲ ਨੂੰ ਸੰਖੇਪ ਵਿਚਕਹਿਣ ਦੀ ਜਾਚਸਿੱਖਣਗੇ ਅਤੇ ਇਹਦਿਮਾਗੀਕਸਰਤਵਿਚ ਸਹਾਈਹੋਵੇਗੀ।
CO8: ਘਰੇਲੂ ਅਤੇ ਦਫ਼ਤਰੀਚਿੱਠੀਪੱਤਰਲਿਖਣਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਕਲਾਵਿਚਨਿਪੁੰਨਕਰਨਾ ਹੈ।
CO9:ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂਨਾਲਗੱਲਬਾਤਵਿਚਪਰਪੱਕਤਾਆਉਂਦੀ ਹੈ।ਇਹਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤਵਿਚਨਿਖਾਰਲਿਆਉਣ ਦਾਕੰਮਕਰਨਗੇ।

Name of the Course : Bachelor of Vocation(Retail Management)/Bachelor of Vocation(Management & Secretarial Practices)/ Bachelor of Vocation (Animation)/Bachelor of Vocation(Textile Design & Apparel Technology)/Bachelor of Vocation (Nutrition Exercise &Health))/Bachelor of Vocation (Beauty &Wellness)/ Bachelor of Vocation (Photography &Journalism) BVRL/BVML/BVAL/BVTL/BVNL/BVBL/BVPL-1421

Paper : Punjabi (Compulsory)
Semester : II
Course outcomes:

CO1: ਆਤਮਅਨਾਤਮ' ਪੁਸਤਕ ਦੇ ਕਵਿਤਾਭਾਗਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਵਿਤਾਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਤਾਂਕਿ ਉਹ ਆਧੁਨਿਕਦੌਰਵਿਚਚੱਲਰਹੀਆਂਕਾਵਿਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂਬਾਰੇ ਗਿਆਨਹਾਸਿਲਕਰ ਸਕਣ।ਇਸ ਦਾਹੋਰਮਨੋਰਥਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆਤੋਂਜਾਣੂ ਕਰਾਉਣਾਵੀ ਹੈ ਤਾਂਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜਦੀਆਂ ਸਮੱਸਿਆਵਾਂਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕਦ੍ਰਿਸ਼ਟੀਬਣਾ ਸਕਣ।

CO2:ਗਿਆਨ ਮਾਲਾ(ਵਿਗਿਆਨਕ ਤੇ ਸਮਾਜਵਿਗਿਆਨਕ ਲੇਖਾਂਦਾ ਸੰਗ੍ਰਹਿ)ਪੁਸਤਕ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਅਤੇ ਮੁੱਲਵਾਨਗਿਆਨ ਦੇਣਾ ਹੈ।

CO3:ਪੈਰ੍ਹਾ ਰਚਨਾ ਅਤੇ ਪੈਰ੍ਹਾਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਦੇਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।

CO4:ਧੁਨੀਵਿਉਂਤ ਪੜ੍ਹਣਨਾਲਵਿਦਿਆਰਥੀ ਧੁਨੀਆਂ ਦੀ ਉਚਾਰਨਪ੍ਰਣਾਲੀਤੋਂਵਾਕਫ਼ ਹੋਣਗੇ।

Name of the Course : BACHELOR OF VOCATION(RETAIL MANAGEMENT)/BACHELOR OF VOCATION(MANAGEMENT & SECRETARIAL PRACTICES)/ BACHELOR OF VOCATION (ANIMATION)/BACHELOR OF VOCATION(TEXTILE DESIGN & APPAREL TECHNOLOGY)/BACHELOR OF VOCATION (NUTRITION EXERCISE &HEALTH))/BACHELOR OF VOCATION (BEAUTY &WELLNESS)/ BACHELOR OF VOCATION (PHOTOGRAPHY &JOURNALISM) BVRL/BVML/BVAL/BVTL/BVNL/BVBL/BVPL-2421

Paper : Punjabi (Compulsory)
Semester : II
Course outcomes:

CO1:ਆਤਮ ਅਨਾਤਮ ਪੁਸਤਕ ਦੇ ਕਹਾਣੀਭਾਗ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਹਾਣੀਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਅਤੇ ਕਹਾਣੀਜਗਤਨਾਲਜੋੜਣਾ ਹੈ।

CO2:ਗਿਆਨਮਾਲਾਪੁਸਤਕ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ।

CO3:ਸੰਖੇਪ ਰਚਨਾਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਮੇਂ ਅਤੇ ਮਿਹਨਤ ਦੀ ਬੱਚਤਕਰਨਬਾਰੇ ਦੱਸਣਾ ਹੈ।
CO4:ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨ੍ਹਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।

CO5:ਸ਼ਬਦਬਣਤਰ ਅਤੇ ਸ਼ਬਦਰਚਨਾਪੜ੍ਹਣਨਾਲਵਿਦਿਆਰਥੀਇਸਦੇ ਮੁੱਢਲੇ ਸੰਕਲਪਾਂ ਨੂੰ ਆਧਾਰਬਣਾ ਕੇ ਇਹਨਾਂ ਸੰਕਲਪਾਂਤੋਂਜਾਣੂ ਹੋਣਗੇ ।
CO6:ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੰਜਾਬੀਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂਨੂੰ ਸਮਝਣਲਈਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂਦਾਵਿਕਾਸ ਕਰਨਾ ਹੈ।
CO7:ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂਨਾਲਗੱਲਬਾਤਵਿਚਪਰਪੱਕਤਾਆਉਂਦੀ ਹੈ।ਇਹਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤਵਿਚਨਿਖਾਰਲਿਆਉਣ ਦਾਕੰਮਕਰਨਗੇ।

Name of the Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) / BACHELOR OF SCIENCE (FASHION DESIGNING) / BACHELOR OF SCIENCE. (HOME SCIENCE) / BACHELOR OF COMPUTER APPLICATIONS/BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)/ BACHELOR OF SCIENCE (BIO-TECHNOLOGY) BJML/BFDL/BHSL/BCAL/BITL/BBTL-1421
Paper : Punjabi (Compulsory)
Semester : I
Course outcomes:

CO1:ਆਤਮਅਨਾਤਮ' ਪੁਸਤਕ ਦੇ ਕਵਿਤਾਭਾਗਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਵਿਤਾਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਤਾਂਕਿ ਉਹ ਆਧੁਨਿਕਦੌਰਵਿਚਚੱਲਰਹੀਆਂਕਾਵਿਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂਬਾਰੇ ਗਿਆਨਹਾਸਿਲਕਰ ਸਕਣ।
CO2:ਇਸ ਦਾਹੋਰਮਨੋਰਥਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆਤੋਂਜਾਣੂ ਕਰਾਉਣਾਵੀ ਹੈ ਤਾਂਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜਦੀਆਂ ਸਮੱਸਿਆਵਾਂਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕਦ੍ਰਿਸ਼ਟੀਬਣਾ ਸਕਣ।

CO3:ਗੱਦਪ੍ਰਵਾਹ (ਰੇਖਾਚਿਤ੍ਰ ਤੇ ਹਲਕੇ ਲੇਖ) ਪੁਸਤਕ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਅਤੇ ਮੁੱਲਵਾਨਇਤਿਹਾਸ ਤੋਂਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

CO4:ਪੈਰ੍ਹਾ ਰਚਨਾ ਅਤੇ ਪੈਰ੍ਹਾਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਦੇਣ ਦਾਮਨਰੋਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।

CO5:ਧੁਨੀਵਿਉਂਤ ਪੜ੍ਹਣਨਾਲਵਿਦਿਆਰਥੀ ਧੁਨੀਆਂ ਦੀ ਉਚਾਰਨਪ੍ਰਣਾਲੀਤੋਂਵਾਕਫ਼ ਹੋਣਗੇ।

Name of the Course : BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) / BACHELOR OF SCIENCE (FASHION DESIGNING) / BACHELOR OF SCIENCE. (HOME SCIENCE) / BACHELOR OF COMPUTER APPLICATIONS/BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)/ BACHELOR OF SCIENCE (BIO-TECHNOLOGY) BJML/BFDL/BHSL/BCAL/BITL/BBTL-2421
Paper : Punjabi (Compulsory)
Semester : II

Course outcomes:

CO1: ਆਤਮਅਨਾਤਮ ਪੁਸਤਕ ਦੇ ਕਹਾਣੀਭਾਗ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਹਾਣੀਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਅਤੇ ਕਹਾਣੀਜਗਤਨਾਲਜੋੜਣਾ ਹੈ।

CO2:ਗੱਦਪ੍ਰਵਾਹ (ਰੇਖਾਚਿਤ੍ਰ ਤੇ ਹਲਕੇ ਲੇਖ) ਪੁਸਤਕ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਅਤੇ ਮੁੱਲਵਾਨਇਤਿਹਾਸ ਤੋਂਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

CO3:ਸੰਖੇਪ ਰਚਨਾਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਮੇਂ ਅਤੇ ਮਿਹਨਤ ਦੀ ਬੱਚਤਕਰਨਬਾਰੇ ਦੱਸਣਾ ਹੈ।

CO4:ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਦੇਣ ਦਾਮਨਰੋਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।

CO5:ਸ਼ਬਦਬਣਤਰ ਅਤੇ ਸ਼ਬਦਰਚਨਾਪੜ੍ਹਣਨਾਲਵਿਦਿਆਰਥੀਇਸਦੇ ਮੁੱਢਲੇ ਸੰਕਲਪਾਂ ਨੂੰ ਆਧਾਰਬਣਾ ਕੇ ਇਹਨਾਂ ਸੰਕਲਪਾਂਤੋਂਜਾਣੂ ਹੋਣਗੇ ।

CO6:ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੰਜਾਬੀਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂਨੂੰ ਸਮਝਣਲਈਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂਦਾਵਿਕਾਸ ਕਰਨਾ ਹੈ।

CO7:ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂਨਾਲਗੱਲਬਾਤਵਿਚਪਰਪੱਕਤਾਆਉਂਦੀ ਹੈ।ਇਹਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤਵਿਚਨਿਖਾਰਲਿਆਉਣ ਦਾਕੰਮਕਰਨਗੇ।

Name of the Course : BACHELOR OF COMMERCE (HONOURS)
Paper : Punjabi (Compulsory)
Semester : I
Course outcomes:

CO1ਦੋ ਰੰਗ(ਕਵਿਤਾਭਾਗ) ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਵਿਤਾਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਤਾਂਕਿ ਉਹ ਆਧੁਨਿਕਦੌਰਵਿਚਚੱਲਰਹੀਆਂਕਾਵਿਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂਬਾਰੇ ਗਿਆਨਹਾਸਿਲਕਰ ਸਕਣ।
CO2: ਇਸ ਦਾਹੋਰਮਨੋਰਥਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆਤੋਂਜਾਣੂ ਕਰਾਉਣਾਵੀ ਹੈ ਤਾਂਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜਦੀਆਂ ਸਮੱਸਿਆਵਾਂਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕਦ੍ਰਿਸ਼ਟੀਬਣਾ ਸਕਣ।
CO3: ਲੇਖ ਰਚਨਾਦਾਮਨਰੋਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।
CO4: ਅਖ਼ਬਾਰੀਇਸ਼ਤਿਹਾਰ : ਨਿੱਜੀ, ਦਫ਼ਤਰੀ ਤੇ ਸਮਾਜਕਗਤੀਵਿਧੀਆਂਨਾਲ ਸੰਬੰਧਤਲਿਖਣਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਕਲਾਵਿਚਨਿਪੁੰਨਕਰਨਾ ਹੈ।
CO4: ਗੁਰਮੁਖੀਔਰਥੋਗਰਾਫ਼ੀ ਦੀ ਜੁਗਤ (ਪੈਂਤੀ, ਮੁਹਾਰਨੀ, ਬਿੰਦੀ, ਟਿੱਪੀ ਤੇ ਅੱਧਕ); ਵਿਸ਼ਰਾਮਚਿੰਨ੍ਹ, ਸ਼ਬਦਜੋੜ (ਸ਼ੁੱਧ ਅੱਸ਼ੁਧ) ਦਾਮਨਰੋਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂਗਿਆਨਹਾਸਿਲਕਰਵਾਉਣਾ ਹੈ।
CO4: ਦਿਤੇ ਪੈਰ੍ਹੇ ਵਿਚੋਂਅਸ਼ੁੱਧ ਸ਼ਬਦਾਂ ਨੂੰ ਸ਼ੁੱਧ ਕਰਨਾਸਿਖਾਉਣਾ ਹੈ।

Name of the Course : BACHELOR OF COMMERCE (HONOURS)
Paper : Punjabi (Compulsory)
Semester : II
Course outcomes:

CO1:ਦੋ ਰੰਗ(ਕਹਾਣੀਭਾਗ) ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਵਿਤਾਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਤਾਂਕਿ ਉਹ ਆਧੁਨਿਕਦੌਰਵਿਚਚੱਲਰਹੀਆਂਕਾਵਿਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂਬਾਰੇ ਗਿਆਨਹਾਸਿਲਕਰ ਸਕਣ।
CO2:ਇਸ ਦਾਹੋਰਮਨੋਰਥਕਹਾਣੀ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆਤੋਂਜਾਣੂ ਕਰਾਉਣਾਵੀ ਹੈ ਤਾਂਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜਦੀਆਂ ਸਮੱਸਿਆਵਾਂਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕਦ੍ਰਿਸ਼ਟੀਬਣਾ ਸਕਣ।
CO3:ਪੈਰ੍ਹਾਰਚਨਾ ਦੇਣ ਦਾਮਨਰੋਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨ੍ਹਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।
CO4:ਸ਼ਬਦਬਣਤਰ ਅਤੇ ਸ਼ਬਦਰਚਨਾਪੜ੍ਹਣਨਾਲਵਿਦਿਆਰਥੀਇਸਦੇ ਮੁੱਢਲੇ ਸੰਕਲਪਾਂ ਨੂੰ ਆਧਾਰਬਣਾ ਕੇ ਇਹਨਾਂ ਸੰਕਲਪਾਂਤੋਂਜਾਣੂ ਹੋਣਗੇ ।
CO5:ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂਨਾਲਗੱਲਬਾਤਵਿਚਪਰਪੱਕਤਾਆਉਂਦੀ ਹੈ।ਇਹਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤਵਿਚਨਿਖਾਰਲਿਆਉਣ ਦਾਕੰਮਕਰਨਗੇ।

Name of the Course : BACHELOR OF SCIENCE (HONOURS)AGRICULTURE/ BACHELOR OF SCIENCE (HONOURS)MATHEMATICS/ BACHELOR OF ARTS (HONOURS) ENGLISH/BACHELOR OF SCIENCE (HONOURS) PHYSICS BOEL/BACL/BOML/BOPL-1421

Paper : Punjabi (Compulsory)
Semester : I

Course outcomes:

Co1:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਕਵਿਤਾਭਾਗਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਵਿਤਾਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਤਾਂਕਿ ਉਹ ਆਧੁਨਿਕਦੌਰਵਿਚਚਲਰਹੀਆਂਕਾਵਿਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂਬਾਰੇ ਗਿਆਨਹਾਸਲਕਰ ਸਕਣ।ਇਸ ਦਾਹੋਰਮਨੋਰਥਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆਤੋਂਜਾਣੂ ਕਰਾਉਣਾਵੀ ਹੈ ਤਾਂਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜਦੀਆਂ ਸਮੱਸਿਆਵਾਂਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕਦ੍ਰਿਸ਼ਟੀਬਣਾ ਸਕਣ।

Co2:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਕਹਾਣੀਭਾਗ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰਕਹਾਣੀਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਅਤੇ ਕਹਾਣੀਜਗਤਨਾਲਜੋੜਣਾ ਹੈ।

Co3:ਪੈਰ੍ਹਾ ਰਚਨਾ ਅਤੇ ਪੈਰ੍ਹਾਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਦੇਣ ਦਾਮਨਰੋਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।

Co4:ਧੁਨੀਵਿਉਂਤ ਪੜ੍ਹਣਨਾਲਵਿਦਿਆਰਥੀ ਧੁਨੀਆਂ ਦੀ ਉਚਾਰਨਪ੍ਰਣਾਲੀਤੋਂਵਾਕਫ਼ ਹੋਣਗੇ।

Name of the Course: BACHELOR OF SCIENCE (HONOURS)AGRICULTURE/ BACHELOR OF SCIENCE (HONOURS)MATHEMATICS/ BACHELOR OF ARTS (HONOURS) ENGLISH/ BACHELOR OF SCIENCE (HONOURS) PHYSICS BOEL/BACL/BOML/BOPL-2421

Paper : Punjabi (Compulsory)
Semester : II
Course outcomes:

CO1:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਵਾਰਤਕਭਾਗਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਵਾਰਤਕਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ।

CO2:ਇਸ ਦਾਹੋਰਮਨੋਰਥਭਾਸ਼ਣਕਲਾ ਤੇ ਲਿਖਣਕਲਾ ਦੀ ਨਿਪੁੰਨਤਾਪੈਦਾਕਰਨਾ ਹੈ।

CO3:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਰੇਖਾਚਿੱਤਰਭਾਗ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚਸ਼ਾਮਿਲਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂਅੰਦਰ ਰੇਖਾਚਿੱਤਰਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾਕਰਨਾ ਹੈ ਤੇ ਇਹਨਾਂਮਹਾਨ ਸ਼ਖ਼ਸੀਅਤਾਂ ਦੀ ਸਫ਼ਲਤਾਪਿੱਛੇ ਘਾਲੀਆਂਘਾਲਣਾਵਾਂ ਤੋ ਵਾਕਫ਼ ਕਰਵਾਉਂਦਿਆਂਜੀਵਨ ਸੇਧ ਪ੍ਰਦਾਨਕਰਨਾ ਹੈ।

CO4:ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣ ਦਾਮਨਰੋਥਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰਕਰਨਾ ਹੈ।

CO5:ਸ਼ਬਦਬਣਤਰ ਅਤੇ ਸ਼ਬਦਰਚਨਾਪੜ੍ਹਣਨਾਲਵਿਦਿਆਰਥੀਇਸਦੇ ਮੁੱਢਲੇ ਸੰਕਲਪਾਂ ਨੂੰ ਆਧਾਰਬਣਾ ਕੇ ਇਹਨਾਂ ਸੰਕਲਪਾਂਤੋਂਜਾਣੂ ਹੋਣਗੇ ।

CO6:ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂਅੰਦਰਪੰਜਾਬੀਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂਨੂੰ ਸਮਝਣਲਈਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂਦਾਵਿਕਾਸ ਕਰਨਾ ਹੈ।

CO7:ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂਨਾਲਗੱਲਬਾਤਵਿਚਪਰਪੱਕਤਾਆਉਂਦੀ ਹੈ।ਇਹਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤਵਿਚਨਿਖਾਰਲਿਆਉਣ ਦਾਕੰਮਕਰਨਗੇ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION BARL/BSML/BSNL/BCSL/BECL/BCRL/ BBRL-1421

Paper : Punjabi (Compulsory)

Semester : I

Course outcomes:

CO1ਦੋ ਰੰਗ (ਕਵਿਤਾ ਭਾਗ) ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਵਿਤਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਆਧੁਨਿਕ ਦੌਰ ਵਿਚ ਚੱਲ ਰਹੀਆਂ ਕਾਵਿ ਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਗਿਆਨ ਹਾਸਿਲ ਕਰ ਸਕਣ।

CO2:ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਵੀ ਹੈ ਤਾਂ ਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਬਣਾ ਸਕਣ।

CO3:ਸੰਸਾਰ ਦੀਆਂ ਪ੍ਰਸਿਧ ਹਸਤੀਆਂ ਜੀਵਨੀ ਦੀ ਵਿਧਾ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਜੀਵਨੀ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਜੀਵਨੀ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO4:ਪੈਰ੍ਹਾ ਰਚਨਾ ਅਤੇ ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਦੇਣ ਦਾ ਮਨਰੋਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।

CO6:ਧੁਨੀ ਵਿਉਂਤ ਪੜ੍ਹਣ ਨਾਲ ਵਿਦਿਆਰਥੀ ਧੁਨੀਆਂ ਦੀ ਉਚਾਰਨ ਪ੍ਰਣਾਲੀ ਤੋਂ ਵਾਕਫ਼ ਹੋਣਗੇ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION

Paper : Punjabi (Compulsory)

Semester : II

Course outcomes:

CO1:ਦੋ ਰੰਗ (ਕਹਾਣੀ ਭਾਗ) ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਵਿਤਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਆਧੁਨਿਕ ਦੌਰ ਵਿਚ ਚੱਲ ਰਹੀਆਂ ਕਾਵਿ ਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਗਿਆਨ ਹਾਸਿਲ ਕਰ ਸਕਣ।
CO2:ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਵੀ ਹੈ ਤਾਂ ਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਬਣਾ ਸਕਣ।
CO3:ਸੰਸਾਰ ਦੀਆਂ ਪ੍ਰਸਿਧ ਹਸਤੀਆਂ ਜੀਵਨੀ ਦੀ ਵਿਧਾ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਜੀਵਨੀ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਜੀਵਨੀ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।
CO4:ਸ਼ਬਦ ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ ਰਚਨਾ ਪੜ੍ਹਣ ਨਾਲ ਵਿਦਿਆਰਥੀ ਇਸਦੇ ਮੁੱਢਲੇ ਸੰਕਲਪਾਂ ਨੂੰ ਆਧਾਰ ਬਣਾ ਕੇ ਇਹਨਾਂ ਸੰਕਲਪਾਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ ।

CO5:ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।
CO6:ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂ ਨਾਲ ਗੱਲਬਾਤ ਵਿਚ ਪਰਪੱਕਤਾ ਆਉਂਦੀ ਹੈ।ਇਹ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤ ਵਿਚ ਨਿਖਾਰ ਲਿਆਉਣ ਦਾ ਕੰਮ ਕਰਨਗੇ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-3421

Paper : Punjabi (Compulsory)
Semester : III

COURSE OUTCOMES
CO1:ਚੋਣਵੇ ਪੰਜਾਬੀ ਨਿਬੰਧ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ **ਵਾਰਤਕ**ਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।
CO2: 'ਸਮਾਂ ਮੰਗ ਕਰਦਾ ਹੈ' ਇਕਾਂਗੀ ਸੰਗ੍ਰਹਿ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਇਕਾਂਗੀ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਇਸ ਸਾਹਿਤ ਰੂਪ ਨਾਲ ਨਾਲ ਜੋੜਣਾ ਹੈ।
CO3:ਸੰਖੇਪ ਰਚਨਾ ਕਰਨ ਨਾਲ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਗੱਲ ਨੂੰ ਸੰਖੇਪ ਵਿਚ ਕਹਿਣ ਦੀ ਜਾਚ ਸਿੱਖਣਗੇ ਅਤੇ ਇਹ ਦਿਮਾਗੀ ਕਸਰਤ ਵਿਚ ਸਹਾਈ ਹੋਵੇਗੀ।
CO4: ਲੇਖ ਰਚਨਾ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।
CO5:ਮੂਲ ਵਿਆਕਰਣਕ ਇਕਾਈਆਂ : ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਵੰਨਗੀਆਂ (ਭਾਵੰਸ਼, ਸ਼ਬਦ, ਵਾਕੰਸ਼, ਉਪਵਾਕ ਅਤੇ ਵਾਕ)ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-4421
Paper : Punjabi (Compulsory)

Semester : IV
Course outcomes:

CO1: 'ਪਗਡੰਡੀਆਂ' (**ਸਵੈਜੀਵਨੀ**) ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ **ਸਵੈਜੀਵਨੀ** ਇਸ ਸਾਹਿਤ ਰੂਪ ਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।
CO2: '**ਫ਼ਾਸਲੇ**' (**ਨਾਟਕ**) ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ **ਨਾਟਕ**ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ **ਨਾਟਕ**ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।
CO3: ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ ਲਿਖਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਕਲਾ ਵਿਚ ਨਿਪੁੰਨ ਕਰਨਾ ਹੈ।
CO4: ਸ਼ਬਦ ਜੋੜਾਂ ਦੇ ਨਿਯਮ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰਨ ਦਾ ਮਕਸਦ ਵਿਦਿਆਰਥੀਆਂ ਦੁਆਰਾ ਲਿਖ਼ਤ ਵਿਚ ਕੀਤੀਆਂ ਜਾਣ ਵਾਲੀਆਂ ਗਲਤੀਆਂ ਨੂੰ ਸੁਧਾਰਨਾ ਹੈ।
CO5: ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-5421

Paper : Punjabi (Compulsory)
Semester : V

Course outcomes:

CO1: ਚੋਣਵੀਆਂ ਪੰਜਾਬੀ ਕਹਾਣੀਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਹਾਣੀਆਂਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।

CO2:ਨਾਵਲ ਏਹੁ ਹਮਾਰਾ ਜੀਵਣਾ (ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ)ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਨਾਵਲਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਇਸ ਸਾਹਿਤ ਰੂਪ ਨਾਲ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO3:ਪੈਰ੍ਹਾ ਰਚਨਾ ਕਰਨ ਨਾਲ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਗੱਲ ਨੂੰ ਕਹਿਣ ਦੀ ਜਾਚ ਸਿੱਖਣਗੇ ਅਤੇ ਇਹ ਦਿਮਾਗੀ ਕਸਰਤ ਵਿਚ ਸਹਾਈ ਹੋਵੇਗੀ।

CO4:ਸਰਲ ਅੰਗਰੇਜ਼ੀ ਪੈਰ੍ਹੇ ਦਾ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।

CO5: ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ, ਵਾਕਾਤਮਕ ਜੁਗਤਾਂ : ਮੇਲ ਤੇ ਅਧਿਕਾਰ,ਕਾਰਕ ਤੇ ਕਾਰਕੀ ਸੰਬੰਧ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-6421

Paper : Punjabi (Compulsory)
Semester : VI
Course outcomes:

CO1: ਚੋਣਵੀਆਂ ਪੰਜਾਬੀ ਕਹਾਣੀਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਹਾਣੀਆਂਪ੍ਰਤੀਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।

CO2:ਨਾਵਲ ਏਹੁ ਹਮਾਰਾ ਜੀਵਣਾ (ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ)ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਨਾਵਲਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਇਸ ਸਾਹਿਤ ਰੂਪ ਨਾਲ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO3:ਪੈਰ੍ਹਾ ਰਚਨਾ ਕਰਨ ਨਾਲ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਗੱਲ ਨੂੰ ਕਹਿਣ ਦੀ ਜਾਚ ਸਿੱਖਣਗੇ ਅਤੇ ਇਹ ਦਿਮਾਗੀ ਕਸਰਤ ਵਿਚ ਸਹਾਈ ਹੋਵੇਗੀ।

CO4:ਸਰਲ ਅੰਗਰੇਜ਼ੀ ਪੈਰ੍ਹੇ ਦਾ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।

CO5: ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ, ਵਾਕਾਤਮਕ ਜੁਗਤਾਂ : ਮੇਲ ਤੇ ਅਧਿਕਾਰ,ਕਾਰਕ ਤੇ ਕਾਰਕੀ ਸੰਬੰਧ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION/BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) / BACHELOR OF SCIENCE (FASHION DESIGNING) / BACHELOR OF SCIENCE. (HOME SCIENCE) / BACHELOR OF COMPUTER APPLICATIONS/BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)/ BACHELOR OF SCIENCE (BIO-TECHNOLOGY)/ BACHELOR OF SCIENCE (HONOURS)AGRICULTURE/ BACHELOR OF SCIENCE (HONOURS)MATHEMATICS/ BACHELOR OF ARTS (HONOURS) ENGLISH/BACHELOR OF COMMERCE (HONOURS)/ BACHELOR OF SCIENCE (HONOURS) PHYSICS BARL/BSML/BSNL/BCSL/BECL/BCRL/BBRL/BJML/BFDL/ BHSL/BCAL/BITL/BBTL/BOEL/BOML/BACL/BCOL/BOPL-1031

Paper : BASIC PUNJABI(In lieu of Punjabi(Compulsory))
Semester : I
Course outcomes:

CO1:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਸਿਖਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਵਿਚ ਪਾ ਕੇ ਇਕ ਹੋਰ ਭਾਸ਼ਾ ਸਿੱਖਣ ਦਾ ਮੌਕਾ ਪ੍ਰਦਾਨ ਕਰਨਾ ਹੈ।

CO2:ਇਸ ਵਿਚ ਵਿਦਿਆਰਥੀ ਨੂੰ ਬਾਰੀਕਬੀਨੀ ਨਾਲ ਭਾਸ਼ਾ ਦਾ ਅਧਿਐਨ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO3:ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸ਼ਬਦ ਰਚਨਾ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO4:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਬਾਰੇ ਦੱਸਣਾ ਹੈ।

CO5:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਸ਼ਬਦ ਘੇਰਾ ਵਿਸ਼ਾਲ ਕਰਨਾ ਹੈ।

CO6:ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਵਿਚ ਹਫ਼ਤੇ ਦੇ ਸੱਤ ਦਿਨਾਂ ਦੇ ਨਾਂ, ਬਾਰ੍ਹਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਂ, ਰੁੱਤਾਂ ਦੇ ਨਾਂ, ਇਕ ਤੋਂ ਸੌ ਤੱਕ ਗਿਣਤੀ ਸ਼ਬਦਾਂ ਵਿਚ ਸਿਖਾਉਣਾ ਹੈ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION/BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) / BACHELOR OF SCIENCE (FASHION DESIGNING) / BACHELOR OF SCIENCE. (HOME SCIENCE) / BACHELOR OF COMPUTER APPLICATIONS/BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)/ BACHELOR OF SCIENCE (BIO-TECHNOLOGY)/ BACHELOR OF SCIENCE (HONOURS)AGRICULTURE/ BACHELOR OF SCIENCE (HONOURS)MATHEMATICS/ BACHELOR OF ARTS (HONOURS) ENGLISH/BACHELOR OF COMMERCE (HONOURS)/ BACHELOR OF SCIENCE (HONOURS) PHYSICS BARL/BSML/BSNL/BCSL/BECL/BCRL/BBRL/BJML/BFDL/ BHSL/BCAL/BITL/BBTL/BOEL/BOML/BACL/BCOL/BOPL-2031

Paper : BASIC PUNJABI (In lieu of Punjabi(Compulsory)
Semester : II
Course outcomes:

CO1:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਸਿਖਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਵਿਚ ਪਾ ਕੇ ਇਕ ਹੋਰ ਭਾਸ਼ਾ ਸਿੱਖਣ ਦੇ ਮੌਕੇ ਪ੍ਰਦਾਨ ਕਰਨਾ ਹੈ।

CO2:ਇਸ ਵਿਚ ਵਿਦਿਆਰਥੀ ਨੂੰ ਬਾਰੀਕਬੀਨੀ ਨਾਲ ਭਾਸ਼ਾ ਦਾ ਅਧਿਐਨ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO3:ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸ਼ਬਦ ਰਚਨਾ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO4:ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।
CO5:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਸ਼ਬਦ ਘੇਰਾ ਵਿਸ਼ਾਲ ਕਰਨਾ ਹੈ।
CO6:ਵਿਦਿਆਰਥੀ ਵਾਕ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਇਸਦੀ ਬਣਤਰ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ ਅਤੇ ਭਾਸ਼ਾ ਤੇ ਪਕੜ ਮਜਬੂਤ ਹੋਵੇਗੀ।
CO7:ਪੈਰ੍ਹਾ ਰਚਨਾ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।
CO8: ਸੰਖੇਪ ਰਚਨਾ ਕਰਨ ਨਾਲ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਗੱਲ ਨੂੰ ਸੰਖੇਪ ਵਿਚ ਕਹਿਣ ਦੀ ਜਾਚ ਸਿੱਖਣਗੇ ਅਤੇ ਇਹ ਦਿਮਾਗੀ ਕਸਰਤ ਵਿਚ ਸਹਾਈ ਹੋਵੇਗੀ।
CO9:ਘਰੇਲੂ ਅਤੇ ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ ਲਿਖਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਕਲਾ ਵਿਚ ਨਿਪੁੰਨ ਕਰਨਾ ਹੈ।
CO10: ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂ ਨਾਲ ਗੱਲਬਾਤ ਵਿਚ ਪਰਪੱਕਤਾ ਆਉਂਦੀ ਹੈ।ਇਹ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤ ਵਿਚ ਨਿਖਾਰ ਲਿਆਉਣ ਦਾ ਕੰਮ ਕਰਨਗੇ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION/BACHELOR OF ARTS (JOURNALISM & MASS COMMUNICATION) / BACHELOR OF SCIENCE (FASHION DESIGNING) / BACHELOR OF SCIENCE. (HOME SCIENCE) / BACHELOR OF COMPUTER APPLICATIONS/BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)/ BACHELOR OF SCIENCE (BIO-TECHNOLOGY)/ BACHELOR OF SCIENCE (HONOURS)AGRICULTURE/ BACHELOR OF SCIENCE (HONOURS)MATHEMATICS/ BACHELOR OF ARTS (HONOURS) ENGLISH/BACHELOR OF COMMERCE (HONOURS)/ BACHELOR OF SCIENCE (HONOURS) PHYSICS - BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-3031

Paper : BASIC PUNJABI(In lieu of Punjabi(Compulsory)
Semester : III
Course outcomes:
CO1:ਵਿਆਕਰਣਕ ਇਕਾਈਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਸਿਖਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਵਿਚ ਪਾ ਕੇ ਇਕ ਹੋਰ ਭਾਸ਼ਾ ਸਿੱਖਣ ਦੇ ਮੌਕੇ ਪ੍ਰਦਾਨ ਕਰਨਾ ਹੈ।

CO2:ਪੈਰ੍ਹਾ ਰਚਨਾ ਦੇਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨ੍ਹਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।
CO3:ਘਰੇਲੂ ਅਤੇ ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ ਲਿਖਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਕਲਾ ਵਿਚ ਨਿਪੁੰਨ ਕਰਨਾ ਹੈ।
CO4:ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂ ਨਾਲ ਗੱਲਬਾਤ ਵਿਚ ਪਰਪੱਕਤਾ ਆਉਂਦੀ ਹੈ।ਇਹ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਗੱਲਬਾਤ ਵਿਚ ਨਿਖਾਰ ਲਿਆਉਣ ਦਾ ਕੰਮ ਕਰਨਗੇ।
CO5: ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨਾਂ ਦੀ ਲਿਖਣ ਪ੍ਰਤਿਭਾ ਨੂੰ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।
CO6:ਸੰਖੇਪ ਰਚਨਾ ਕਰਨ ਨਾਲ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਗੱਲ ਨੂੰ ਸੰਖੇਪ ਵਿਚ ਕਹਿਣ ਦੀ ਜਾਚ ਸਿੱਖਣਗੇ ਅਤੇ ਇਹ ਦਿਮਾਗੀ ਕਸਰਤ ਵਿਚ ਸਹਾਈ ਹੋਵੇਗੀ।

Name of the Course:BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-4031

Paper : BASIC PUNJABI(In lieu of Punjabi(Compulsory)

Semester : IV

Course outcomes:

CO1:'ਮੰਚ ਘਰ' ਇਕਾਂਗੀ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਇਕਾਗੀ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਇਕਾਂਗੀ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO2: ਨੈਤਿਕ ਸਿੱਖਿਆ ਨਾਲ ਸੰਬੰਧਤ ਕਹਾਣੀਆਂ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਬੁੱਧੀ ਨੂੰ ਤੀਖਣ ਕਰਦਿਆਂ ਉਨ੍ਹਾਂ ਵਿੱਚ ਸਮਾਜਕ ਸਮਝ ਉਜਾਗਰ ਕਰਨਾ ਹੈ।

CO3: ਇਸ਼ਤਿਹਾਰ ਲਿਖਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਕਲਾ ਵਿੱਚ ਨਿਪੁੰਨ ਕਰਨਾ ਹੈ।

CO4: ਵਿਆਕਰਨ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ-ਵੱਖਰੇ ਸਿਧਾਤਾਂ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਸਿਖਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਵਿੱਚ ਪਾ ਕੇ ਇੱਕ ਹੋਰ ਭਾਸ਼ਾ ਸਿੱਖਣ ਦੇ ਮੌਕੇ ਪ੍ਰਦਾਨ ਕਰਨਾ ਹੈ।

Name of the Course:BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION COURSE CODE-BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-5031

Paper : BASIC PUNJABI(In lieu of Punjabi(Compulsory)

Semester : V

Course outcomes:

Co1:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਕਵਿਤਾ ਭਾਗ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਵਿਤਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਆਧੁਨਿਕ ਦੌਰ ਵਿਚ ਚਲ ਰਹੀਆਂ ਕਾਵਿ ਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਗਿਆਨ ਹਾਸਲ ਕਰ ਸਕਣ। ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਵੀ ਹੈ ਤਾਂ ਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਬਣਾ ਸਕਣ।

Co2:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਕਹਾਣੀ ਭਾਗ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਹਾਣੀ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਕਹਾਣੀ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO3:ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇਕ ਸ਼ਬਦ ਅਤੇ ਬਹੁਆਰਥਕ ਸ਼ਬਦ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਵਿਆਕਰਣ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।

CO4: ਸਮਾਨਰਥਕ ਸ਼ਬਦ, ਵਿਰੋਧਾਰਥਕ ਸ਼ਬਦ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਵਿਆਕਰਣ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।

Name of the Course: BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION COURSE CODE-BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-6031

Paper : BASIC PUNJABI(In lieu of Punjabi(Compulsory)

Semester : VI

Course outcomes:

CO1:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਵਾਰਤਕ ਭਾਗ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਵਾਰਤਕ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।

CO2:ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਭਾਸ਼ਣ ਕਲਾ ਤੇ ਲਿਖਣ ਕਲਾ ਦੀ ਨਿਪੁੰਨਤਾ ਪੈਦਾ ਕਰਨਾ ਹੈ।

CO3:'ਸਾਹਿਤ ਦੇ ਰੰਗ' ਪੁਸਤਕ ਦੇ ਰੇਖਾ ਚਿੱਤਰ ਭਾਗ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਰੇਖਾ ਚਿੱਤਰ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤੇ ਇਹਨਾਂ ਮਹਾਨ ਸ਼ਖ਼ਸੀਅਤਾਂ ਦੀ ਸਫ਼ਲਤਾ ਪਿੱਛੇ
ਘਾਲੀਆਂ ਘਾਲਣਾਵਾਂ ਤੋ ਵਾਕਫ਼ ਕਰਵਾਉਂਦਿਆਂ ਜੀਵਨ ਸੇਧ ਪ੍ਰਦਾਨ ਕਰਨਾ ਹੈ।

CO4:ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦਮਨੋਰਥ ਲਿਖਣ ਕਲਾ ਦੀ ਨਿਪੁੰਨਤਾ ਪੈਦਾ ਕਰਨਾ ਹੈ।

CO5:ਭਾਸ਼ਾ ਅਤੇ ਉਪਭਾਸ਼ਾ ਦੀ ਪਰਿਭਾਸ਼ਾ ਤੇ ਪੰਜਾਬੀ ਦੀਆਂ ਉਪਭਾਸ਼ਾਵਾਂਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਭਾਸ਼ਾ ਅਤੇ ਉਪਭਾਸ਼ਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ।

FACULTY OF LANGUAGES

SYLLABUS
of
MASTER OF ARTS (PUNJABI)

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-1421
Paper: GURMAT KAV
Semester: I
COURSE OUTCOMES

CO1: ਗੁਰਮਤਿ ਕਾਵਿ ਦਾ ਅਧਿਐਨ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਜਿੱਥੇ ਪੰਜਾਬੀ ਮੱਧਕਾਲੀ ਸਾਹਿਤ ਵਿਰਸੇ ਨਾਲ ਜੋੜਦਾ ਹੈ, ਉੱਥੇ ਅਧਿਆਤਮਕ ਪੱਧਰ ਤੇ ਵੀ ਉੱਚਾ ਚੁੱਕਦਾ ਹੈ।
CO2: ਜਿਸ ਨਾਲ ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਪਰੰਪਰਾ, ਚੰਗੀ ਜੀਵਨ ਜਾਚ ਦੇ ਰੂ ਬ ਰੂ ਹੁੰਦੇ ਹਨ।
CO3: ਇਸ ਪਰਚੇ ਵਿਚ ਤਿੰਨ ਪਾਠ ਆਸਾ ਦੀ ਵਾਰ, ਸੁਖਮਨੀ ਸਾਹਿਬ ਤੇ ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਜੀ ਦੇ ਸ਼ਬਦ ਤੇ ਸ਼ਲੋਕ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਹਨ।
CO4: ਇਹ ਤਿੰਨੇ ਹੀ ਰਚਨਾਵਾਂ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦਾ ਹਿੱਸਾ ਹਨ। ਸਾਹਿਤਕ ਪੱਖੋਂ ਇਹ ਤਿੰਨੇ ਰਚਨਾਵਾਂ ਆਪਣੀ ਮਿਸਾਲ ਆਪ ਹਨ।
CO5:ਇਹ ਰਚਨਾਵਾਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਮਨੁੱਖਤਾ ਦਾ ਸੁਨੇਹਾ ਦਿੰਦੀਆਂ ਹਨ।
CO6:ਇਹ ਰਚਨਾਵਾਂ ਜਿੱਥੇ ਅਧਿਆਤਮਕ ਬੁਲੰਦੀ ਦੀ ਮਿਸਾਲ ਹਨ ਉੱਥੇ ਇਹ ਮੱਧਕਾਲ ਦੇ ਸਮਾਜਕ ਜੀਵਨ ਬਾਰੇ ਵੀ ਇਕ ਦ੍ਰਿਸ਼ਟੀ ਪ੍ਰਦਾਨ ਕਰਦੀਆਂ ਹਨ।
CO7:ਸੁਖਮਨੀ ਸਾਹਿਬ ਅਧਿਆਤਮਕ ਉੱਚਤਾ ਨਾਲ ਲਬਰੇਜ਼ ਰਚਨਾ ਹੈ।
CO8:ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਦੇ ਸ਼ਬਦ ਤੇ ਸ਼ਲੋਕ ਇਨਸਾਨੀ ਕਦਰਾਂ ਕੀਮਤਾਂ ਤੇ ਰਿਸ਼ਤਿਆਂ ਦੀ ਰੱਖਿਆ ਲਈ ਕੁਝ ਕਰ ਗੁਜ਼ਰਣ ਦੀ ਪ੍ਰੇਰਨਾ ਦਿੰਦੀਆਂ ਹਨ।

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-1422
Paper: PUNJABI SUFI KAV
Semester :I
COURSE OUTCOMES

CO1:ਸੂਫੀ ਕਾਵਿ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਅਮੀਰ ਪਰੰਪਰਾ ਦਾ ਸਜੀਵ ਤੇ ਅਹਿਮ ਹਿੱਸਾ ਹੈ।

CO2:ਸਾਡੇ ਮਿਸ਼ਰਿਤ ਸਭਿਆਚਾਰ ਦਾ ਸਾਹਿਤਕ ਤੇ ਸਮਾਜਕ ਪ੍ਰਮਾਣ ਵੀ ਹੈ ਜੋ ਸਾਨੂੰ ਧਾਰਮਿਕ ਸਹਿਣਸ਼ੀਲਤਾ ਨਾਲ ਜੋੜਦਾ ਹੈ ਤੇ ਅਧਿਆਤਮਕ ਪੱਧਰ ਤੇ ਵੀ ਉੱਚਾ ਚੁੱਕਦਾ ਹੈ।

CO3:ਇਸ ਪਰਚੇ ਵਿਚ ਸ਼ੇਖ ਫਰੀਦ ਦੇ ਸ਼ਬਦ ਤੇ ਸਲੋਕ, ਸਾਹ ਹੁਸੈਨ ਤੇ ਬੁੱਲ੍ਹੇ ਸ਼ਾਹ ਦੀਆਂ ਕਾਫ਼ੀਆਂ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਹਨ।

CO4:ਸ਼ੇਖ ਫਰੀਦ ਦੀ ਰਚਨਾ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਵਿਚ ਸ਼ਾਮਿਲ ਹੈ ਜੋ ਸਾਨੂੰ ਸਹਿਣਸ਼ੀਲਤਾ ਦੁੱਖਾਂ ਨੂੰ ਸਹਿਣ ਦੀ ਸਮੱਰਥਾ ਤੇ ਜ਼ਿੰਦਗੀ ਦੀ ਨਾਸ਼ਵਾਨਤਾ ਦਾ ਅਹਿਸਾਸ ਕਰਵਾ ਕੇ ਚੰਗੇ ਬਣਨ ਦੀ ਪ੍ਰੇਰਨਾ ਦੇਂਦੀ ਹੈ।

CO5:ਬਾਬਾ ਫਰੀਦ ਜੀ ਨੂੰ ਪੰਜਾਬੀ ਦੇ ਪਹਿਲੇ ਕਵੀ ਹੋਣ ਦਾ ਵੀ ਮਾਣ ਹਾਸਿਲ ਹੈ।ਤਕਰੀਬਨ ਨੌਂ ਸਦੀਆਂ ਪਹਿਲਾ ਰਚੀ ਗਈ ਇਹ ਕਵਿਤਾ ਸਾਹਿਤਕ ਤੇ ਸੁਹਜਾਤਮਕ ਦੋਨੋਂ ਪੱਖਾਂ ਤੋਂ ਭਰਪੂਰ ਰਚਨਾ ਹੈ।

CO6:ਸ਼ਾਹ ਹੁਸੈਨ ਤੇ ਬੁੱਲ੍ਹੇ ਸਾਹ ਦੋਵੇਂ ਹੀ ਸੂਫੀ ਵਿਚਾਰਧਾਰਾ ਦੇ ਪ੍ਰਤੀਨਿਧ ਕਵੀ ਹਨ। ਜਿਨ੍ਹਾਂ ਨੇ ਆਪਣੀਆਂ ਕਾਫ਼ੀਆਂ ਵਿਚ ਧਾਰਮਿਕ ਕੱਟੜਤਾ ਦੇ ਖਿਲਾਫ਼ ਵਿਚਾਰ ਪੇਸ਼ ਕਰਕੇ ਲੋਕਾਂ ਨੂੰ ਧਾਰਮਿਕ ਸਹਿਣਸ਼ੀਲਤਾ ਭਾਈਚਾਰਕ ਏਕਤਾ ਦਾ ਉਪਦੇਸ਼ ਦਿੱਤਾ ਹੈ।

Name of the Course : MASTER OF ARTS (PUNJABI) MPBL- MPBL-1423
Paper **:** SAHIT SIDHANT ATE KAV SHASTAR
Semester :I
COURSE OUTCOMES

CO1:ਇਹ ਇਕ ਵਿਹਾਰਕ ਤੇ ਸਿਧਾਂਤਕ ਪਰਚਾ ਹੈ। ਜਿਸ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਦੀ ਪ੍ਰਕ੍ਰਿਤੀ, ਪ੍ਰਕਾਰਜ ,ਸਾਹਿਤ ਤੇ ਸਮਾਜ ਨਾਲ ਸੰਬੰਧਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣ ਦਾ ਯਤਨ ਹੈ।

CO2:ਇਸ ਤੋਂ ਇਲਾਵਾ ਇਸ ਪਰਚੇ ਵਿਚ ਸਾਹਿਤ ਅਧਿਐਨ ਦੇ ਪੁਰਾਤਨ ਯੂਨਾਨੀ ਸਿਧਾਂਤ ਜੋ ਕਿ ਅਰਸਤੂ ਦੀਆਂ ਸਥਾਪਨਾਵਾਂ ਉੱਪਰ ਆਧਾਰਿਤ ਹੈ ਜਿਵੇਂ ਕਿ ਅਨੁਕਰਣ ਦਾ ਸਿਧਾਂਤ ਤੇ ਵਿਵੇਚਨ ਦੇ ਸਿਧਾਂਤ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਗਈ ਹੈ।

CO3:ਇਸੇ ਹੀ ਪਰਚੇ ਦਾ ਇਕ ਭਾਗ ਸਾਡੀ ਆਪਣੀ ਪੁਰਾਣੀ ਸੰਸਕ੍ਰਿਤ ਸਾਹਿਤ ਦੀ ਗਿਆਨ ਪੱਧਤੀ ਨਾਲ ਸੰਬੰਧਿਤ ਹੈ

CO4:ਇਸ ਵਿਚ ਸੰਸਕ੍ਰਿਤ ਦੇ ਰਸ, ਧੁਨੀ ਤੇ ਅਲੰਕਾਰ ਸੰਪਰਦਾਵਾਂ ਦੇ ਆਧਾਰ ਤੇ ਸਾਹਿਤ ਨੂੰ ਸਮਝਣ ਸਮਝਾਉਣ ਦਾ ਯਤਨ ਹੈ।

CO5:ਪੱਛਮ ਦੀਆਂ ਆਧੁਨਿਕ ਸਾਹਿਤ ਅਧਿਐਨ ਪੱਧਤੀਆਂ ਜਿਵੇਂ ਯਥਾਰਥਵਾਦ, ਰੂਸੀ ਰੂਪਵਾਦ, ਮਾਰਕਸਵਾਦੀ ਅਲੋਚਨਾ ਪ੍ਰਣਾਲੀਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਿਧਾਂਤਕ ਪੱਧਰ ਤੇ ਸਾਹਿਤ ਅਧਿਐਨ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣ ਦਾ ਯਤਨ ਹੈ ।
CO6: ਇਸ ਸਿਧਾਂਤਕ ਜਾਣਕਾਰੀ ਦੇ ਆਧਾਰ ਤੇ ਵਿਹਾਰਕ ਅਧਿਐਨ ਰਾਹੀਂ ਸਾਹਿਤ ਦਾ ਅਧਿਐਨ ਕਰ ਸਕਣ ਦੇ ਸਮਰੱਥ ਬਣਾਉਣ ਦਾ ਯਤਨ ਹੈ।

Name of the Course **: MASTER OF ARTS (PUNJABI) MPBL-1424**
Paper **: LOKDHARA TE PUNJABI LOKDHARA**
Semester :I
COURSE OUTCOMES

CO1:ਇਹ ਪਰਚਾ ਵੀ ਸਿਧਾਂਤਕ ਤੇ ਵਿਹਾਰਕ ਗਿਆਨ ਦਾ ਸੁਮੇਲ ਹੈ।
CO2:ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਪਣੇ ਪੁਰਾਤਨ ਲੋਕ ਵਿਸ਼ਵਾਸਾਂ, ਲੋਕ ਧਰਮ , ਰਹੁ ਰੀਤਾਂ, ਲੋਕ ਕਲਾਵਾਂ, ਲੋਕ ਗੀਤਾਂ ਤੇ ਲੋਕ ਕਹਾਣੀਆਂ ਨੂੰ ਸਮਝਣ ਦੇ ਕਾਬਲ ਬਣਾਉਣ ਦਾ ਯਤਨ ਹੈ ।
CO3:ਇਨ੍ਹਾਂ ਦੇ ਅਧਿਐਨ ਦੇ ਮਾਧਿਅਮ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੁਰਾਤਨ ਲੋਕਾਂ ਦੇ ਜੀਵਨ ਨੂੰ ਸਮਝ ਸਕਣਗੇ ਕਿਉਂਕਿ ਆਪਣੀਆਂ ਜੜ੍ਹਾਂ ਦੀ ਪਛਾਣ ਕਰ ਸਕਣ ਦੇ ਬਗੈਰ ਕੋਈ ਵੀ ਕੌਮ ਜਾਂ ਲੋਕ ਆਪਣਾ ਵਰਤਮਾਨ ਜੀਵਨ ਚੰਗੀ ਤਰ੍ਹਾਂ ਬਿਤਾ ਸਕਣ ਦੇ ਸਮਰੱਥ ਨਹੀਂ ਹੋ ਸਕਦੇ।
CO4:ਸਿਧਾਂਤ ਪੱਧਰ ਦੇ ਗਿਆਨ ਤੋਂ ਬਾਦ ਇਸ ਗਿਆਨ ਦੇ ਆਧਾਰ ਤੇ ਪੁਰਾਤਨ ਲੋਕ ਗੀਤਾਂ ਜਾਂ ਲੋਕ ਕਹਾਣੀਆਂ ਦਾ ਵਿਹਾਰਕ ਅਧਿਐਨ ਕਰ ਸਕਣ ਦੇ ਸਮਰੱਥ ਬਣਾ ਸਕਣਾ ਹੈ।
CO4:ਇਸ ਪਰਚੇ ਦਾ ਯਤਨ ਨਿਸਚੈ ਹੀ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਪਣੀਆਂ ਜੜ੍ਹਾਂ ਪ੍ਰਤੀ ਸੁਚੇਤ ਕਰਨ ਤੇ ਯਤਨ ਨਾਲ ਸੰਬੰਧਿਤ ਹੈ।

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-1425
Paper: TULNAATMAK BHARTI SAHIT:SIDHANT TE VIHAR
Semester:I
COURSE OUTCOMES
CO1:ਸਿਧਾਂਤ ਤੇ ਵਿਹਾਰ : ਇਹ ਪਰਚਾ ਪਹਿਲੀ ਵਾਰ ਐਮ. ਏ. ਦੇ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਬਣਾਇਆ ਜਾ ਰਿਹਾ ਹੈ।
CO2:ਇਸ ਵਿਚ ਸਿਧਾਂਤਕ ਪੱਖਾਂ ਦੇ ਨਾਲ ਨਾਲ ਵਿਹਾਰਕ ਪੱਖਾਂ ਨੂੰ ਵੀ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਬਣਾਇਆ ਗਿਆ ਹੈ।
CO3:ਇਸ ਦੇ ਨਾਲ ਹੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਉੱਪਰ ਪਏ ਦੂਸਰੀਆਂ ਭਾਸ਼ਾਵਾਂ ਦਾ ਪ੍ਰਭਾਵ ਵੀ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਅਧਿਐਨ ਦਾ ਹਿੱਸਾ ਬਣ ਸਕੇ।
CO4:ਇਸ ਤੋਂ ਇਲਾਵਾਂ ਨਾਨਕ ਸਿੰਘ ਤੇ ਹਿੰਦੀ ਲੇਖਕ ਭੀਸ਼ਮ ਸਾਹਨੀ ਦੀਆਂ ਰਚਨਾਵਾਂ ਤੇ ਸੁਰਜੀਤ ਸਿੰਘ ਸੇਠੀ ਤੇ ਲਕਸ਼ਮੀ ਨਾਰਾਇਣ ਦੀਆਂ ਰਚਨਾਵਾਂ ਦਾ ਤੁਲਨਾਤਮਕ ਅਧਿਐਨ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਬਣਾਇਆ ਗਿਆ।
CO5:ਇਸ ਨਾਲ ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਅਧਿਐਨ ਖੇਤਰ ਅਤੇ ਦ੍ਰਿਸ਼ਟੀ ਵਿਸ਼ਾਲ ਹੋਵੇਗੀ ਤੇ ਉਹ ਦੂਸਰੀਆਂ ਭਾਸ਼ਾਵਾਂ ਵਿਚ ਰਚੇ ਸਾਹਿਤ ਦਾ ਅਧਿਐਨ ਵੀ ਕਰਨ ਦੇ ਯੋਗ ਹੋਣਗੇ।
CO6:ਇਹ ਤੁਲਨਾਤਮਕ ਅਧਿਐਨ ਨਿਸ਼ਚੈ ਹੀ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਧੇਰੇ ਤੇ ਗਹਿਨ ਅਧਿਐਨ ਕਰਨ ਦਾ ਪ੍ਰੇਰਣਾ ਸਰੋਤ ਹੋਵੇਗਾ।

Name of the Course: MASTER OF ARTS (PUNJABI) 2421
Paper: BHAGAT BANI
Semester:II
COURSE OUTCOMES
CO1:ਇਸ ਪਰਚੇ ਵਿਚ ਭਾਰਤੀ ਸਾਹਿਤ ਨਾਲ ਸੰਬੰਧਿਤ ਤਿੰਨ ਭਗਤ ਕਵੀ ਭਗਤ ਕਬੀਰ, ਭਗਤ ਨਾਮਦੇਵ ਤੇ ਭਗਤ ਰਵੀਦਾਸ ਦੀਆਂ ਰਚਨਾਵਾਂ ਨੂੰ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਬਣਾਇਆ ਗਿਆ ਹੈ।
CO2:ਇਨ੍ਹਾਂ ਕਵੀਆਂ ਦੀਆਂ ਰਚਨਾਵਾਂ ਵੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਵਿਚ ਦਰਜ ਹਨ। ਇਹ ਗ੍ਰੰਥ ਸਿੱਖਾਂ ਦਾ ਧਾਰਮਿਕ ਗ੍ਰੰਥ ਹੋਣ ਦੇ ਨਾਲ ਨਾਲ ਮੱਧਕਾਲ ਦੇ ਭਾਰਤੀ ਸਾਹਿਤ ਦਾ ਸਭ ਤੋਂ ਮਹੱਤਵਪੂਰਨ ਸੰਕਲਨ ਵੀ ਹੈ।
CO3:ਇਸ ਵਿਚ ਉਨ੍ਹਾਂ ਰਚਨਾਵਾਂ ਨੂੰ ਵੀ ਸ਼ਾਮਿਲ ਕੀਤਾ ਗਿਆ ਹੈ ਜੋ ਸਾਹਿਤਕ ਮਹੱਤਤਾ ਦੇ ਨਾਲ ਨਾਲ ਧਾਰਮਿਕ ਤੇ ਅਧਿਆਤਮਕ ਉਚਤਾ ਦਾ ਪ੍ਰਤੀਬਿੰਬ ਵੀ ਹੋਣ ਤੇ ਨਾਲ ਹੀ ਇਨਸਾਨੀ ਭਾਈਚਾਰੇ ਵਿਚ ਬਰਾਬਰੀ, ਸਹਿਣਸ਼ੀਲਤਾ ਵਰਗੇ ਮਨੁੱਖੀ ਗੁਣਾਂ ਦਾ ਸੰਚਾਰ ਕਰ ਸਕਣ ਦੇ ਵੀ ਸਮੱਰਥ ਹੋਣ।
CO4:ਇਹ ਤਿੰਨੇ ਹੀ ਭਗਤ ਕਵੀ ਆਪਣੀਆਂ ਰਚਨਾਵਾਂ ਵਿਚ ਜਾਤ ਪਾਤ ਤੇ ਧਾਰਮਿਕ ਕੱਟੜਤਾ ਦੇ ਖਿਲਾਫ਼ ਮਨੁੱਖ ਦੇ ਇਨਸਾਨੀ ਗੁਣਾਂ ਦੇ ਪ੍ਰਚਾਰਕ ਹਨ ਜੋ ਆਪਣੀਆਂ ਰਚਨਾਵਾਂ ਦੇ ਸਾਹਿਤਕ ਗੁਣਾਂ ਦੇ ਨਾਲ ਨਾਲ ਮਨੁੱਖਤਾ ਨੂੰ ਪਿਆਰ ਤੇ ਸਾਂਝੀਵਾਲਤਾ ਦਾ ਸੰਦੇਸ਼ ਵੀ ਦਿੰਦੇ ਹਨ।

Name of the Course : MASTER OF ARTS (PUNJABI) 2422
Paper : PUNJABI KISSA TE BIRTAANT KAV
Semester :II
COURSE OUTCOMES
CO1:ਕਿੱਸਾ ਕਾਵਿ ਤੇ ਬੀਰ ਕਾਵਿ ਮੱਧਕਾਲੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀਆਂ ਦੋ ਅਮੀਰ ਪਰੰਪਰਾਵਾਂ ਹਨ। ਇਸ ਵਿਚ ਵਾਰਿਸ ਸ਼ਾਹ ਦੀ ਹੀਰ, ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਦੀ ਚੰਡੀ ਦੀ ਵਾਰ ਤੇ ਸ਼ਾਹ ਮੁਹੰਮਦ ਦਾ ਜੰਗ ਹਿੰਦ ਪੰਜਾਬ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਹਨ।
CO2:ਵਾਰਿਸ ਸ਼ਾਹ ਦੀ ਹੀਰ ਪੰਜਾਬੀ ਦੀ ਸਭ ਤੋਂ ਵੱਧ ਪੜ੍ਹੀ ਜਾਣ ਵਾਲੀ ਰਚਨਾ ਹੈ। ਵਾਰਿਸ ਸ਼ਾਹ ਨੇ ਹੀਰ ਰਾਂਝੇ ਦੀ ਪਿਆਰ ਕਹਾਣੀ ਨੂੰ ਆਧਾਰ ਬਣਾ ਕੇ ਮੱਧਕਾਲੀ ਪੰਜਾਬ ਦੀ ਇਕ ਮੁਕੰਮਲ ਤਸਵੀਰ ਆਪਣੀ ਰਚਨਾ ਵਿਚ ਪੇਸ਼ ਕੀਤੀ ਹੈ। ਇਸੇ ਕਰਕੇ ਹੀ ਇਹ ਸਦੀਆਂ ਬੀਤ ਜਾਣ ਤੋਂ ਬਾਅਦ ਵੀ ਮਕਬੂਲੀਅਤ ਕਾਇਮ ਰੱਖ ਰਹੀ ਹੈ।
CO3:ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਦੀ ਰਚਨਾ ਚੰਡੀ ਦੀ ਵਾਰ ਬੀਰ ਰਸੀ ਭਾਗ ਨੂੰ ਉਪਜਾਉਣ ਵਾਲੀ ਰਚਨਾ ਹੈ। ਇਸ ਵਿਚ ਚੰਗਿਆਈ ਤੇ ਬੁਰਾਈ ਦੀ ਟੱਕਰ ਤੇ ਚੰਗਿਆਈ ਦੀ ਜਿੱਤ ਦੇ ਰੂਪਕ ਨੂੰ ਪੇਸ਼ ਕਰਨ ਕਰਕੇ ਇਹ ਰਚਨਾ ਅੱਜ ਵੀ ਸਾਰਥਕ ਹੈ।
CO4:ਸ਼ਾਹ ਮੁਹੰਮਦ ਦੀ ਰਚਨਾ ਜੰਗ ਹਿੰਦ ਪੰਜਾਬ ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਦੀ ਮੌਤ ਤੋਂ ਬਾਅਦ ਪੰਜਾਬ ਦੇ ਅੰਗਰੇਜ਼ਾਂ ਅਧੀਨ ਆ ਜਾਣ ਦੇ ਦੁਖਾਂਤ ਨੂੰ ਸਾਹਿਤਕ ਕਿਰਤ ਵਿਚ ਢਾਲਣ ਵਾਲੀ ਰਚਨਾ ਹੈ। ਇਸਦਾ ਸਾਹਿਤਕ ਤੇ ਇਤਿਹਾਸਕ ਮਹੱਤਵ ਵੀ ਹੈ।

Name of the Course: MASTER OF ARTS (PUNJABI) 2423
Paper: KHOJ ATE PUNJABI ALOCHNA
Semester:II
COURSE OUTCOMES
CO1:ਇਹ ਸਿਧਾਂਤਕ ਤੇ ਵਿਹਾਰਕ ਅਧਿਐਨ ਨਾਲ ਸੰਬੰਧਿਤ ਪਰਚਾ ਹੈ।
CO2:ਇਸ ਵਿਚ ਪੰਜਾਬੀ ਆਲੋਚਨਾ ਦੇ ਆਰੰਭ ਤੇ ਵਿਕਾਸ ਦੇ ਅਧਿਐਨ ਦੇ ਨਾਲ ਨਾਲ ਪੰਜਾਬੀ ਵਿਚ ਪ੍ਰਚਲਿਤ ਮਾਕਸਵਾਦੀ, ਰੂਪਵਾਦੀ ਤੇ ਸੰਰਚਨਾਵਾਦੀ ਆਲੋਚਨਾ ਦਾ ਅਧਿਐਨ ਕਰਕੇ ਵਿਦਿਆਰਥੀ ਪੱਛਮ ਵਿਚ ਪ੍ਰਚਲਿਤ ਆਲੋਚਨਾ ਵਿਧੀਆਂ ਤੋਂ ਜਾਣੂ ਹੁੰਦੇ ਹਨ।
CO3:ਇਸ ਤੋਂ ਇਲਾਵਾ ਇਸ ਵਿਚ ਪੰਜਾਬੀ ਆਲੋਚਨਾ ਦੀਆਂ ਕੁਝ ਆਲੋਚਨਾਤਮਕ ਰਚਨਾਵਾਂ ਦਾ ਅਧਿਐਨ ਵੀ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਹੈ।
CO4:ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ ਦੀ ਪੁਸਤਕ ਸਾਹਿਤਆਰਥ, ਹਰਿਭਜਨ ਸਿੰਘ ਦੀ ਮੁੱਲ ਤੇ ਮੁਲਾਂਕਣ ਤੇ ਡਾ. ਅਤਰ ਸਿੰਘ ਦੀ ਪੁਸਤਕ ਸਮਦਰਸ਼ਨ ਵੀ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਹਨ।
CO5:ਇਹ ਤਿੰਨੇ ਆਲੋਚਕ ਤੇ ਇਨ੍ਹਾਂ ਦੀਆਂ ਰਚਨਾਵਾਂ ਪੰਜਾਬੀ ਆਲੋਚਨਾ ਦੇ ਖੇਤਰ ਵਿਚ ਵਿਸ਼ੇਸ਼ ਸਥਾਨ ਦੀਆਂ ਧਾਰਨੀ ਹਨ।
CO6:ਵਿਦਿਆਰਥੀ ਇਨ੍ਹਾਂ ਪੁਸਤਕਾਂ ਦੇ ਅਧਿਐਨ ਨਾਲ ਆਲੋਚਨਾ ਨੂੰ ਉਸ ਦੇ ਠੀਕ ਅਰਥਾਂ ਵਿਚ ਸਮਝ ਕੇ ਉਸਦਾ ਅਧਿਐਨ ਕਰ ਸਕਣ ਦੇ ਠੋਸ ਹੋ ਸਕਣਗੇ।

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-2424
Paper: SABHYACHAAR TE PUNJABI SABHYACHAAR
Semester:II
COURSE OUTCOMES
CO1:ਇਸ ਪਰਚੇ ਵਿਚ ਵਿਦਿਆਰਥੀ ਸਭਿਆਚਾਰ ਦੀ ਪਰਿਭਾਸ਼ਾ, ਲੱਛਣ ਸਭਿਆਚਾਰਕ ਪਰਿਵਰਤਨਾਂ ਦੇ ਨਾਲ ਇਸ ਦਾ ਭੂਗੋਲ, ਮਨੋਵਿਗਿਆਨ ਤੇ ਆਰਥਕਤਾ ਨਾਲ ਸੰਬੰਧਾਂ ਬਾਰੇ ਜਾਨਣ ਤੋਂ ਬਾਅਦ ਸਭਿਆਚਾਰ ਤੇ ਸਭਿਅਤਾ, ਸਭਿਆਚਾਰ ਤੇ ਸਾਹਿਤ, ਸਭਿਆਚਾਰ ਤੇ ਭਾਸ਼ਾ ਦੇ ਆਪਸੀ ਸੰਬੰਧਾਂ ਦਾ ਅਧਿਐਨ ਕਰਨਗੇ।
CO2:ਇਸ ਤੋਂ ਇਲਾਵਾ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਦੇ ਮੂਲ ਸੋਮੇ ਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਦੇ ਨਿਵੇਕਲੇ ਲੱਛਣਾਂ ਬਾਰੇ ਜਾਣ ਸਕਣਗੇ।
CO3:ਸਾਹਿਤ ਕਿਸੇ ਸਭਿਆਚਾਰ ਦੀ ਪੇਸ਼ਕਾਰੀ ਹੀ ਹੁੰਦੀ ਹੈ ਤੇ ਇਸ ਪਰਚੇ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਦਾ ਅਧਿਐਨ ਕਰਕੇ ਇਸ ਦੇ ਸਜੀਵ ਤੇ ਗੁਣਵਾਨ ਲੱਛਣਾਂ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।
CO4:ਅਜੋਕੇ ਸਮੇਂ ਵਿਚ ਖੇਤਰੀ ਸਭਿਆਚਾਰ ਦੀ ਸਥਿਤੀ ਵਿਚੋਂ ਗੁਜਰਦੇ ਹਨ ਤੇ ਪਰਚੇ ਦੇ ਅਧਿਐਨ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਸੰਕਟਾਂ ਪ੍ਰਤੀ ਸੁਚੇਤ ਹੋ ਕੇ ਆਪਣੇ ਸਭਿਆਚਾਰ ਨੂੰ ਵਧੇਰੇ ਚੰਗੀ ਤਰ੍ਹਾਂ ਜਾਣ ਸਕਣ ਦੇ ਯੋਗ ਹੋਣਗੇ।

Name of the Course : MASTER OF ARTS (PUNJABI) 2425
Paper **:** (OPT-I) -PUNJABI MEDIA ATE PATARKAARI
Semester **:II**
COURSE OUTCOMES
CO1:ਇਹ ਪਰਚਾ ਵੀ ਐਮ. ਏ. ਪੰਜਾਬੀ ਵਿਚ ਪਹਿਲੀ ਵਾਰ ਸ਼ਾਮਿਲ ਕੀਤਾ ਗਿਆ ਹੈ।

CO2:ਇਸ ਵਿਚ ਪੱਤਰਕਾਰੀ ਤੇ ਪੰਜਾਬੀ ਪੱਤਰਕਾਰੀ ਦਾ ਅਧਿਐਨ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਹੈ। ਪੱਤਰਕਾਰੀ ਲੋਕਾਂ ਨੂੰ ਪ੍ਰਭਾਵਿਤ ਕਰਨ ਵਾਲਾ ਸਭ ਤੋਂ ਮਹੱਤਵਪੂਰਨ ਸਾਧਨ ਹੈ, ਪਰ ਇਸ ਦੇ ਵਿਚ ਚੁਣੌਤੀਆਂ ਵੀ ਬਹੁਤ ਹਨ।

CO3:ਪ੍ਰਿੰਟ ਮੀਡੀਆ ਦੇ ਨਾਲ ਨਾਲ ਅਜੋਕੇ ਬਿਜਲਈ ਮੀਡੀਆ ਦਾ ਅਧਿਐਨ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਸਮਾਜ ਨੂੰ ਸਮਝਣ ਦੇ ਨਾਲ ਨਾਲ ਰੁਜ਼ਗਾਰ ਪ੍ਰਾਪਤੀ ਲਈ ਵੀ ਇਕ ਚੰਗਾ ਵਸੀਲਾ ਸਾਬਤ ਹੋ ਸਕਦਾ ਹੈ।

Name of the Course : MASTER OF ARTS (PUNJABI) MPBL-3421
Paper **:** ADHUNIK PUNJABI KAVITA (1960 TAK)

Semester :III
COURSE OUTCOMES

CO1: ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ ਪਰਚੇ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਕਵਿਤਾ ਜੋ 1960 ਤੱਕ ਦੀ ਹੈ,ਸੰਬੰਧੀ ਵਿਭਿੰਨ ਪੱਧਰਾਂ ਤੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO2: ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੇ ਸਿਧਾਂਤਕ ਪੱਖਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾ ਕੇ ਇਤਿਹਾਸਕ ਪ੍ਰਭਾਵਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO3:‘ ਮੇਰੇ ਸਾਈਆਂ ਜੀਓ ਕਾਵਿ ਸੰਗ੍ਰਹਿ ਅਧੀਨ ਇਸ ਪੁਸਤਕ ਵਿਚ ਦਰਜ ਕਵਿਤਾਵਾਂ ਦੇ ਪ੍ਰਕਿਰਤੀ ਚਿਤਰਨ, ਰਹੱਸਵਾਦੀ ਅਨੁਭਵ ਅਤੇ ਕਲਾਤਮਕ ਪੱਖ ਸੰਬੰਧੀ ਜਾਣੂ ਕਰਾਉਂਦੇ ਹੋਏ ਕਵੀ ਭਾਈ ਵੀਰ ਸਿੰਘ ਦੀ ਜੀਵਨ ਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO4: ਸ਼ਿਵ ਕੁਮਾਰ ਦਾ ਕਾਵਿ ਸੰਗ੍ਰਹਿ ਲੂਣਾ ਅਧੀਨ ਵਿਦਿਆਰਥੀ ਇਸ ਵਿਚ ਦਰਜ ਕਵਿਤਾਵਾਂ ਦੇ ਵਿਭਿੰਨ ਪਹਿਲੂਆਂ ਅਤੇ ਅੰਤਰ - ਦ੍ਰਿਸ਼ਟੀਆਂ ਤੋਂ ਜਾਣੂ ਹੋਣ ਦੇ ਨਾਲ -ਨਾਲ ਕਵੀ ਦੇ ਜੀਵਨ ਅਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਵੀ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।

CO5: : ਸੁਖਵਿੰਦਰ ਅੰਮ੍ਰਿਤ ਦਾ ਕਾਵਿ ਸੰਗ੍ਰਹਿ ਪੁੰਨਿਆਂ ਅਧੀਨ ਵਿਦਿਆਰਥੀ ਇਸ ਵਿਚ ਦਰਜ ਕਵਿਤਾਵਾਂ ਦੇ ਵਿਭਿੰਨ ਪਹਿਲੂਆਂ ਅਤੇ ਅੰਤਰ ਦ੍ਰਿਸ਼ਟੀਆਂ ਤੋਂ ਜਾਣੂ ਹੋਣ ਦੇ ਨਾਲ ਨਾਲ ਕਵੀ ਦੇ ਜੀਵਨ ਅਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਵੀ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-3422
Paper: PUNJABI NOVEL
Semester:III
COURSE OUTCOMES

CO1: ਨਾਵਲ ਨੂੰ ਅਜੋਕੇ ਯੁੱਗ ਦਾ ਮਹਾਂਕਾਵਿ ਕਿਹਾ ਜਾਂਦਾ ਹੈ।ਇਸ ਦਾ ਭਾਵ ਹੈ ਕਿ ਨਾਵਲ ਇੱਕ ਅਜਿਹਾ ਸਾਹਿਤ ਰੂਪ ਹੈ ਜਿਸ ਰਾਹੀਂ ਕਿਸੇ ਸਮਾਜ ਦੇ ਸਮੁੱਚੇ ਇਤਿਹਾਸ, ਲੋਕਾਂ ਦੇ ਰਹਿਣ ਸਹਿਣ,ਮਾਨਸਿਕਤਾ ਨੂੰ ਪੇਸ਼ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।

CO2: ਨਾਵਲ ਦੇ ਅਧਿਐਨ ਨਾਲ ਸਮਾਜ ਨੂੰ ਸਮਝਣ ਵਿਚ ਸਹਾਇਤਾ ਮਿਲਦੀ ਹੈ ਅਤੇ ਸਮਾਜ ਦੀ ਸਮਝ ਉਸ ਨੂੰ ਹੋਰ ਚੰਗੇਰਾ ਬਣਾਉਣ ਵਿਚ ਸਹਾਇਤਾ ਕਰਦੀ ਹੈ।

CO3: ‘ਚਿੱਟਾ ਲਹੂ’ 1932 ਵਿਚ ਪ੍ਰਕਾਸ਼ਿਤ ਹੋਇਆ ਯਥਾਰਥਵਾਦੀ ਨਾਵਲ ਹੈ।ਇਸ ਵਿਚ ਆਜ਼ਾਦੀ ਤੋਂ ਪਹਿਲਾਂ ਦੇ ਸਮਾਜ ਬਾਰੇ ਚਿਤਰਣ ਹੈ।ਜਿਸ ਦਾ ਅਧਿਐਨ ਕਰਕੇ ਵਿਦਿਆਰਥੀ ਉਸ ਸਮੇਂ ਦੇ ਹਾਲਾਤਾਂ ਨਾਲ ਰੁਬਰੂ ਹੋਣਗੇ।

CO4: ‘ਅਣਹੋਏ’ ਨਾਵਲ ਨਾਲ ਗੁਰਦਿਆਲ ਸਿੰਘ ਨੇ ਪੰਜਾਬੀ ਵਿਚ ਇਕ ਨਵੇਂ ਕਿਸਮ ਦੇ ਨਾਵਲ ਦੀ ਪਿਰਤ ਪਾਈ।ਉਸਦਾ ਇਹ ਨਾਵਲ ਸਾਧਾਰਣ ਮਨੁੱਖ ਵਿਚਲੀ ਸਵੈ-ਮਾਣ ਨਾਲ ਜੀਵਨ ਜਿਉਣ ਦੀ ਰੀਝ ਦਾ ਚਿਤਰਣ ਹੈ।

CO5: ‘ਮਾਤ ਲੋਕ’ ਨਾਵਲ ਸਮਕਾਲੀ ਪੇਂਡੂ ਤੇ ਸ਼ਹਿਰੀ ਜੀਵਨ ਨੂੰ ਇਕੋ ਜਿਹੀ ਪ੍ਰਤਿਭਾ ਨਾਲ ਬਿਆਨਦਾ ਹੈ।

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-3422
Paper: PUNJABI BHASHA ATE BHASHA VIGYAN-I
Semester:III
COURSE OUTCOMES
CO1: gzikph GkPk ns/ GkPk ftfrnkB gou/ ftu ftfdnkoEhnK B{z GkPk dh gfoGkPk, gqfeosh ns/ ftP/PsktK, GkPk ftfrnkB dh gfoGkPk ns/ y/so, GkPk ftfrnkB ns/ GkPk Pk;so,wkBt ftfrnkB, wB'ftfrnkB, ;kfjs, doPB ns/ e[dosh ftfrnkB dh ikDekoh fdZsh ikt/rh.

CO2: fJ; :{fBN ftu ftfdnkoEhnK B{z GkPk ns/ p'bh (Langue and Parole)l,fujB, fujBe s/ fujBs,fJekbe (synchronic)ns/ pj[ekbe (diachronic) nfXn?B,eVhdko (syntagmatic)
ns/ bVhdko (paradigmatic) dh ikDekoh fdZsh ikt/rh.

CO3:fJ; :{fBN ftu ftfdnkoEh X[Bh ftfrnkB dh gfoGkPk ns/ gqeko,T[ukoB nzr, T[ukoB gqfefonk ns/ g"DXkok ftXhnK,yzvh X[BhnK, ;to ns/ ftnziB X[BhnK dk fBy/Vk ns/ torheoB,nyzvh X[BhnK -;[o, pb, Bkf;esk ns/ tke ;[o dh ikDekoh gqkgs eoBr/.

CO4: fJ; :{fBN ftu ftfdnkoEh gzikph X[Bh ftT[As L X[Bh (phone), ;fjX[Bh (allophone) ns/ ;koEe X[Bh (phoneme) dk fBy//Vk,gzikph ftu ;to ns/ ftnziB X[BhnK dh tos'A -tzv s/ bZSD,gzikph ftu d[Zs ftnziB (geminate), ;z:[es ftnziB (consonant cluster) ;to ;z:'rK (vowel sequance) ns/ d'jo/ ;toK (dipthongs) dh tos'A d/ B/w,gzikph ftu nyzvh X[BhnK dh tos'A d/ B/w, gzikph ;[o gqpzX ns/ tke ;[o gqpzX, gzikph T[ukoyzv (syllable) dh pDso dh ikDekoh gqkgs eoBr/.

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-3424

Paper: PUNJABI SAHIT DA ITIHAAS(1850 TAK)
Semester:III
COURSE OUTCOMES

CO1: ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਇਤਿਹਾਸਕਾਰੀ ਤੋਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਾਕਫ਼ ਕਰਵਾਉਣ ਦਾ ਮਨੋਰਥ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਅਮੀਰ ਵਿਰਾਸਤ, ਇਸਦੇ ਆਰੰਭ ਅਤੇ ਵਿਕਾਸ ਪ੍ਰਕਿਰਿਆ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਦਾਨ ਕਰਦਿਆਂ ਪ੍ਰਪੱਕ ਬਣਾਉਣਾ ਹੈ।

CO2: ਗੁਰਮਤਿ, ਸੂਫ਼ੀ ,ਕਿੱਸਾ ਅਤੇ ਬੀਰ ਕਾਵਿਧਾਰਾ ਮੱਧਕਾਲ ਵਿਚ ਆਰੰਭ ਹੋਈਆਂ ਕਾਵਿਧਾਰਾਵਾਂ ਹਨ ਜੋ ਕਿ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤ ਲਈ ਮੀਲ ਪੱਥਰ ਦਾ ਕੰਮ ਕਰਦੀਆਂ ਹਨ।

CO3:ਅਜਿਹੀਆਂ ਕਾਵਿਧਾਰਾਵਾਂ ਤੋਂ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਜਾਣੂ ਹੋਣਾ ਬਹੁਤ ਜ਼ਰੂਰੀ ਹੈ।

CO4: ਮੱਧਕਾਲੀ ਵਾਰਤਕ ਦਾ ਅਧਿਐਨ ਕਰਕੇ ਵਿਦਿਆਰਥਣਾਂ ਮੱਧਕਾਲ ਵਿਚ ਰਚੀ ਗਈ ਵਾਰਤਕ ਨੂੰ ਪੜ੍ਹ ਕੇ ਇਕ ਅਮੀਰ ਸਾਹਿਤਕ ਵਿਧਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੀਆਂ।

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-3425
Paper: PUNJABI NATAK TE IKANGI
Semester:III
COURSE OUTCOMES
CO1: ਨਾਟਕ ਦੀ ਵਿਧਾ,ਪੰਜਾਬੀ ਨਾਟਕ ਦੇ ਵਿਕਾਸ ਪੜਅ,ਪੰਜਾਬੀ ਨਾਟਕ : ਨਵੀਨਤਮ ਪ੍ਰਵਿਰਤੀਆਂ, ਨਾਟਕ ਤੇ ਇਕਾਂਗੀ : ਵਿਧਾਗਤ ਨਿਖੇੜ,ਨਾਟਕ ਤੇ ਰੰਗਮੰਚ : ਅੰਤਰ ਸੰਬੰਧ ਤੋਂ ਵਿਦਿਆਰਥਣਾਂ ਨੂੰ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO2: ਪੱਤਣ ਦੀ ਬੇੜੀ : ਬਲਵੰਤ ਗਾਰਗੀ (ਇਕਾਂਗੀ ਸੰਗ੍ਰਹਿ) ਇਸ ਪੁਸਤਕ ਦੇ ਵਿਸ਼ਾ ਪੱਖ ਸੰਬੰਧੀ ਜਾਣੂ ਕਰਾਉਂਦੇ ਹੋਏ ਲੇਖਕ ਦੀ ਜੀਵਨ ਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ
CO3: ਇਸ਼ਕ ਬਾਝ ਨਮਾਜ ਦਾ ਹੱਜ ਨਾਹੀ : ਅਜਮੇਰ ਸਿੰਘ ਔਲਖ (ਨਾਟਕ) ਇਸ ਪੁਸਤਕ ਦੇ ਵਿਸ਼ਾ ਪੱਖ ਸੰਬੰਧੀ ਜਾਣੂ ਕਰਾਉਂਦੇ ਹੋਏ ਲੇਖਕ ਦੀ ਜੀਵਨ ਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO4: ਅਗਨੀ ਕੁੰਡ : ਸਵਰਾਜਬੀਰ (ਨਾਟਕ) ਇਸ ਪੁਸਤਕ ਦੇ ਵਿਸ਼ਾ ਪੱਖ ਸੰਬੰਧੀ ਜਾਣੂ ਕਰਾਉਂਦੇ ਹੋਏ ਲੇਖਕ ਦੀ ਜੀਵਨ ਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

Name of the Course **:** MASTER OF ARTS (PUNJABI) MPBL-4421

Paper : ADHUNIK PUNJABI KAVITA (1960 TON BAAD)
Semester:III
COURSE OUTCOMES
CO1: ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ ਪਰਚੇ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਕਵਿਤਾ ਜੋ 1960 ਤੋਂ ਬਾਅਦ ਦੀ ਹੈ,ਸੰਬੰਧੀ ਵਿਭਿੰਨ ਪੱਧਰਾਂ ਤੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO2: ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੇ ਸਿਧਾਂਤਕ ਪੱਖਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾ ਕੇ ਇਤਿਹਾਸਕ ਪ੍ਰਭਾਵਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO3:'ਚਨੁੱਕਰੀ ਸ਼ਾਮ' ਕਾਵਿ ਸੰਗ੍ਰਹਿ ਅਧੀਨ ਇਸ ਪੁਸਤਕ ਵਿਚ ਦਰਜ ਕਵਿਤਾਵਾਂ ਦੇ ਵਿਸ਼ਾ ਪੱਖ, ਸਮਾਜ ਸਭਿਆਚਾਰਕ ਪੱਖ ਅਤੇ ਕਲਾਤਮਕ ਪੱਖ ਸੰਬੰਧੀ ਜਾਣੂ ਕਰਾਉਂਦੇ ਹੋਏ ਕਵੀ ਜਗਤਾਰ ਦੀ ਜੀਵਨ ਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO4: ਸੁਰਜੀਤ ਪਾਤਰ ਦਾ ਕਾਵਿ ਸੰਗ੍ਰਹਿ 'ਲਫ਼ਜ਼ਾਂ ਦੀ ਦਰਗਾਹ' ਅਧੀਨ ਵਿਦਿਆਰਥੀ ਇਸ ਵਿਚ ਦਰਜ ਕਵਿਤਾਵਾਂ ਦੇ ਵਿਭਿੰਨ ਪਹਿਲੂਆਂ ਅਤੇ ਅੰਤਰ ਦ੍ਰਿਸ਼ਟੀਆਂ ਤੋਂ ਜਾਣੂ ਹੋਣ ਦੇ ਨਾਲ ਨਾਲ ਕਵੀ ਦੇ ਜੀਵਨ ਅਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਵੀ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।

CO5: ਸੁਖਵਿੰਦਰ ਅਮ੍ਰਿਤ ਦੀ ਰਚਨਾ 'ਪੁੰਨਿਆਂ' ਅਧੀਨ ਵਿਦਿਆਰਥੀ ਇਸ ਵਿਚ ਦਰਜ ਕਵਿਤਾਵਾਂ ਦੇ ਵਿਭਿੰਨ ਪਹਿਲੂਆਂ ਅਤੇ ਅੰਤਰ ਦ੍ਰਿਸ਼ਟੀਆਂ ਤੋਂ ਜਾਣੂ ਹੋਣ ਦੇ ਨਾਲ ਨਾਲ ਕਵੀ ਦੇ ਜੀਵਨ ਅਤੇ ਰਚਨਾ ਸੰਬੰਧੀ ਵੀ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।

Name of the Course : MASTER OF ARTS (PUNJABI) MPBL-4422
Paper : PUNJABI KAHANI
Semester :III
COURSE OUTCOMES
CO1: ਕਹਾਣੀ ਸਭ ਤੋਂ ਵੱਧ ਪੜ੍ਹਿਆ ਜਾਣ ਵਾਲਾ ਸਾਹਿਤ ਰੂਪ ਹੈ।ਇਸ ਵਿਚ ਸਮਾਜ ਦੇ ਸਮੁੱਚ ਨੂੰ ਪੇਸ਼ ਕਰ ਸਕਣ ਦੀ ਸਮਰੱਥਾ ਹੈ।

CO2: ਕਹਾਣੀ ਦਾ ਅਧਿਐਨ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਬੇਹਤਰ ਇਨਸਾਨ ਬਣਾਉਣ ਅਤੇ ਸਮਾਜ ਪ੍ਰਤੀ ਸੂਝਵਾਨ ਬਣਾਉਣ ਵਿਚ ਸਹਾਈ ਹੋਵੇਗਾ।

CO3: ਕੁਲਵੰਤ ਸਿੰਘ ਵਿਰਕ ਦੀ ਪੁਸਤਕ 'ਦੁਆਦਸ਼ੀ' ਪੰਜਾਬੀ ਜਨ ਜੀਵਨ ਨੂੰ ਬਿਆਨਦੀ ਪੁਸਤਕ ਹੈ।

CO4: ਵਰਿਆਮ ਸਿੰਘ ਸੰਧੂ ਦੀ ਪੁਸਤਕ 'ਚੌਥੀ ਕੂਟ' ਵਿਚ ਚੌਥੀ ਕੂਟ: ਪ੍ਰਮੁੱਖ ਸਰੋਕਾਰ ,ਪਾਤਰ ਚਿਤ੍ਰਣ,ਕਹਾਣੀ ਕਲਾ

ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

CO5: ਪੰਜਾਬੀ ਕਹਾਣੀ ਦੀ ਨਵੀਨ ਧਾਰਾ ਪੁਸਤਕ ਵਿਚ ਸ਼ਾਮਲ ਕਹਾਣੀਆਂ ਦੇ ਅਧਿਐਨ ਨਾਲ ਅਜੋਕੇ ਸਮਾਜ ਨੂੰ ਸਮਝਣ ਵਿਚ ਸਹਾਇਤਾ ਮਿਲਦੀ ਹੈ।

Name of the Course : MASTER OF ARTS (PUNJABI) MPBL-4423
Paper : PUNJABI BHASHA ATE BHASHA VIGYAN-II
Semester :IV
COURSE OUTCOMES

ਛ+1ਯ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੇ ਭਾਸ਼ਾ ਵਿਗਿਆਨ੍।। ਦੇ ਪੇਪਰ ਵਿਚ ਪੰਜਾਬੀ ਦੀਆਂ ਵਿਆਕਰਣਕ ਇਕਾਈਆਂ : ਪਰਿਭਸ਼ਾ ਅਤੇ ਬਣਤਰ, ਪੰਜਾਬੀ ਵਾਕ ਬਣਤਰ ,ਉਪਵਾਕ : ਸਵਾਧੀਨ ਅਤੇ ਪਰਾਧੀਨ,ਪੰਜਾਬੀ ਦੇ ਵਿਆਕਰਣਕ ਵਰਗ (ਫ਼ਵਕਪਰਗਜਕਤ) : ਵਚਨ, ਲਿੰਗ, ਕਾਲ, ਵਾਚ, ਪੁਰਖ, ਕਾਰਕ ਅਤੇ ਆਸਪੈਕਟ ਦੀ ਸਥਾਪਨਾ ਦੇ ਆਧਾਰ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

ਛ+2ਯ ਇਸ ਯੂਨਿਟ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਅਰਥ ਵਿਗਿਆਨ : ਪਰਿਭਾਸ਼ਾ, ਭਾਰਤੀ ਅਰਥ ਸਿਧਾਂਤ,ਕੋਸ਼ਕਾਰੀ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ :ਸਥਿਤੀ ਤੇ ਸੰਭਾਵਨਾਵਾਂ,ਅਰਥ ਆਧਾਰਤ ਸ਼ਬਦ ਵੰਨਗੀਆਂ : ਸਮਾਨਾਰਥਕ, ਵਿਰੋਧਾਰਥਕ, ਬਹੁਅਰਥਕ, ਸਮੂਹ ਅਰਥਕ,ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਨਿਕਾਸ ਵਿਕਾਸ : ਜੁਗਤ ਤੇ ਵਰਤੋਂ ਦਾ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

ਛ+3ਯ ਇਸ ਯੂਨਿਟ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਸ਼ਾ ਅਤੇ ਉਪਭਾਸ਼ਾਵਾਂ ਦੇ ਸਿਧਾਂਤਕ ਸੰਕਲਪ ,ਲੱਛਣ ਅਤੇ ਸਥਾਪਤੀ,ਜਾਣ ਪਛਾਣ,ਖੇਤਰ ਅਤੇ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

ਛ+4ਯ ਇਸ ਯੂਨਿਟ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਗੁਰਮੁਖੀ ਆਰਥੋਗਰਾਫ਼ੀ ਦੇ ਤੱਤ, ਗੁਰਮੁਖੀ ਅੱਖਰਾਂ ਤੇ ਲਗਾਂ ਮਾਤਰਾਂ ਦੀ ਵਰਤੋਂ ਦੇ ਨੇਮ, ਮਾਤਰਾ ਅਤੇ ਮਾਤਰਾ ਵਾਹਕ,ਬਿੰਦੀ, ਟਿੱਪੀ ਤੇ ਅੱਧਕ,ਗੁਰਮੁਖੀ ਲਿਪੀ ਦਾ ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

ਛ+4ਯ ਇਸ ਯੂਨਿਟ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਗੁਰਮੁਖੀ ਆਰਥੋਗਰਾਫ਼ੀ ਦੇ ਤੱਤ, ਗੁਰਮੁਖੀ ਅੱਖਰਾਂ ਤੇ ਲਗਾਂ ਮਾਤਰਾਂ ਦੀ ਵਰਤੋਂ ਦੇ ਨੇਮ, ਮਾਤਰਾ ਅਤੇ ਮਾਤਰਾ ਵਾਹਕ,ਬਿੰਦੀ, ਟਿੱਪੀ ਤੇ ਅੱਧਕ,ਗੁਰਮੁਖੀ ਲਿਪੀ ਦਾ ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ।

Name of the Course : MASTER OF ARTS (PUNJABI) MPBL-4424
Paper : PUNJABI SAHIT DA ITEHAAS (1850 TON HUN TAK)
Semester :IV
COURSE OUTCOMES

CO1: ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੇ ਸਿਧਾਂਤਕ ਪੱਖਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾ ਕੇ ਵਿਦਿਆਰਥਣਾਂ ਨੂੰ ਪੰਜਾਬੀ ਕਵਿਤਾ ਦੇ ਸਿਧਾਂਤ, ਇਤਿਹਾਸ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO2: : ਨਾਵਲ ਨੂੰ ਅਜੋਕੇ ਯੁੱਗ ਦਾ ਮਹਾਂਕਾਵਿ ਕਿਹਾ ਜਾਂਦਾ ਹੈ।ਇਸ ਦਾ ਭਾਵ ਹੈ ਕਿ ਨਾਵਲ ਇੱਕ ਅਜਿਹਾ ਸਾਹਿਤ ਰੂਪ ਹੈ ਜਿਸ ਰਾਹੀਂ ਕਿਸੇ ਸਮਾਜ ਦੇ ਸਮੁੱਚੇ ਇਤਿਹਾਸ, ਲੋਕਾਂ ਦੇ ਰਹਿਣ ਸਹਿਣ,ਮਾਨਸਿਕਤਾ ਨੂੰ ਪੇਸ਼ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।ਨਾਵਲ ਦੇ ਅਧਿਐਨ ਨਾਲ ਸਮਾਜ ਨੂੰ ਸਮਝਣ ਵਿਚ ਸਹਾਇਤਾ ਮਿਲਦੀ ਹੈ ਅਤੇ ਸਮਾਜ ਦੀ ਸਮਝ ਉਸ ਨੂੰ ਹੋਰ ਚੰਗੇਰਾ ਬਣਾਉਣ ਵਿਚ ਸਹਾਇਤਾ ਮਿਲਦੀ ਹੈ।

CO3: ਪੰਜਾਬੀ ਗਲਪ ਦੇ ਸਿਧਾਂਤਕ ਪੱਖਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾ ਕੇ ਵਿਦਿਆਰਥਣਾਂ ਨੂੰ ਪੰਜਾਬੀ ਗਲਪ ਦੇ ਸਿਧਾਂਤ, ਇਤਿਹਾਸ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO4: ਪੰਜਾਬੀ ਨਾਟਕ ਦੇ ਸਿਧਾਂਤਕ ਪੱਖਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾ ਕੇ ਵਿਦਿਆਰਥਣਾਂ ਨੂੰ ਪੰਜਾਬੀ ਨਾਟਕ ਦੇ ਸਿਧਾਂਤ, ਇਤਿਹਾਸ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

CO5: ਪੰਜਾਬੀ ਵਾਰਤਕ ਦਾ ਅਧਿਐਨ ਕਰਕੇ ਵਿਦਿਆਰਥਣਾਂ ਵਾਰਤਕ ਨੂੰ ਪੜ੍ਹ ਕੇ ਇਕ ਅਮੀਰ ਸਾਹਿਤਕ ਵਿਧਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੀਆਂ। ਪੰਜਾਬੀ ਵਾਰਤਕ ਦੇ ਸਿਧਾਂਤਕ ਪੱਖਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾ ਕੇ ਵਿਦਿਆਰਥਣਾਂ ਨੂੰ ਪੰਜਾਬੀ ਵਾਰਤਕ ਦੇ ਸਿਧਾਂਤ, ਇਤਿਹਾਸ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ।

Name of the Course : MASTER OF ARTS (PUNJABI) MPBL-4425
Paper : (OPT-I) PARVASI PUNJABI SAHIT
Semester :IV
COURSE OUTCOMES

CO1: gotk;h gzikph ;kfjs L f;XKse gfog/y s'A ikD{ eotk e/ ftfdnkoEDK B{z gotk;h gzikph ;kfjs d/ f;XKs, fJfsjk; s/ gqftoshnK s'A ikD{ eotkfJnk ikt/rk.

CO2: : Bktb B{z ni'e/ :[Zr dk wjKekft fejk iKdk j?.fJ; dk Gkt j? fe Bktb fJZe nfijk ;kfjs o{g j? fi; okjhA fe;/ ;wki d/ ;w[Zu/ fJfsjk;, b'eK d/ ofjD ;fjD,wkBf;esk B{z g/P ehsk ik ;edk j?.Bktb d/ nfXn?B Bkb ;wki B{z ;wMD ftu ;jkfJsk fwbdh j? ns/ ;wki dh ;wM T[; B{z j'o uzr/ok pDkT[D ftu ;jkfJsk fwbdh j?.

CO3: gzikph rbg d/ f;XKse gZyK s'A ikD{ eotk e/ ftfdnkoEDK B{z gzikph rbg d/ f;XKs, fJfsjk; s/ gqftoshnK s'A ikD{ eotkfJnk ikt/rk.

CO4: gotk;h gzikph eftsk d/ gZyK gotk;h u/sBk,Ehfwe nfXn?B,ekft ebk s'A ftfdnkoEDK B{z ikD{ eotkfJnk ikt/rk.

CO5: Gzto g[;se d/ e/doh ;wZf;nk ,gkso gqpzX, fposKse i[rsK ;zpzXh ikD{ eokT[Ad/ j'J/ b/ye jowfjzdo ukjb dh ihtB s/ ouBk ;zpzXh ikDekoh fdZsh ikt/rh.

CO6: w/gb d/ ozr g[;se d/ ftP/rs nfXn?B,gkso gqpzX, ejkDh ebk ;zpzXh ikD{ eokT[Ad/ j'J/ b/ye ioB?b f;zx dh ihtB s/ ouBk ;zpzXh ikDekoh fdZsh ikt/rh.

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-4425

Paper: (OPT-II) PAKISTANI PUNJABI SAHIT

Semester:IV
COURSE OUTCOMES

CO1: gkfe;skBh gzikph ;kfjs L f;XKse gfog/y s'A ikD{ eotk e/ ftfdnkoEDK B{z gotk;h gzikph ;kfjs d/ f;XKs, fJfsjk; s/ gqftoshnK s'A ikD{ eotkfJnk ikt/rk.

CO2: : Bktb B{z ni'e/ :[Zr dk wjKekft fejk iKdk j?.fJ; dk Gkt j? fe Bktb fJZe nfijk ;kfjs o{g j? fi; okjhA fe;/ ;wki d/ ;w[Zu/ fJfsjk;, b'eK d/ ofjD ;fjD,wkBf;esk B{z g/P ehsk ik ;edk j?.Bktb d/ nfXn?B Bkb ;wki B{z ;wMD ftu ;jkfJsk fwbdh j? ns/ ;wki dh ;wM T[; B{z j'o uzr/ok pDkT[D ftu ;jkfJsk fwbdh j?.

CO3: gzikph rbg d/ f;XKse gZyK s'A ikD{ eotk e/ ftfdnkoEDK B{z gzikph rbg d/ f;XKs, fJfsjk; s/ gqftoshnK s'A ikD{ eotkfJnk ikt/rk.

CO4: gkfe;skBh gzikph ;kfjs d/ gZyK gotk;h u/sBk,Ehfwe nfXn?B,ekft ebk s'A ftfdnkoEDK B{z ikD{ eotkfJnk ikt/rk.

CO5: d[y dfonkU gko d/ g[;se d/ ftPk gZy, ;wkie okiBhse ;zdoG, ebk gZy ;zpzXh ikDekoh fdZsh ikt/rh.

CO6: e[eB[; g[;se d/ ftP/rs nfXn?B, gqshe gqpzX, ebkswe gfog/y ;zpzXh ikD{ eokT[Ad/ j'J/ b/ye fJ;jke w[jzwd dh ihtB s/ ouBk ;zpzXh ikDekoh fdZsh ikt/rh.

Name of the Course: MASTER OF ARTS (PUNJABI) MPBL-4425
Paper: (OPT-III) VISHAV CLASSIKI SAHIT

Semester:IV
COURSE OUTCOMES

CO1: ftPt ebkf;eh ;kfjs gou/ ftu ftfdnkoEhnK B{z ftPt ebkf;eh ;kfjs dh gfoGkPk, gqfeosh ns/ gq;zfresk ;zpzXh ftfGzB gZXoK s/ ikDekoh fdZsh ikt/rh.

CO2: u?yt dhnK u'DthnK ejkDhnK ftu u?yt,ihtB ns/ ouBk,gZSwh ebkf;eh ejkDh L T[dGt ns/ ftek;,u?yt dhnK u'DthnK ejkDhnK L ftP?rs gk;ko ns/ ihtB fdqPNh,u?yt dhnK u'DthnK ejkDhnK L ebkswe gfog/y dh ikDekoh fdZsh ikt/rh.

CO3: g?rzpo (\bhb fIpokB) g[;se ftu ybhb fIpokB d/ ihtB ns/ ouBk,dkoPfBe gfog/y,ftXk dh ;wZf;nk,tkose P?bh dh ikDekoh fdZsh ikt/rh.

CO4: p[ZYk s/ ;w[zdo L noB?;N j?fwzrt/ g[;se ftu noB?;N j?fwzrt d/ ihtB ns/ ouBk, p[ZYk s/ ;w[zdo L Ehfwe gk;ko,BkfJe fpzp,Bktb ebk dh ikDekoh fdZsh ikt/rh.

FACULTY OF LANGUAGES

SYLLABUS
of
Punjabi(Elective)
for

Bachelor of Arts (B.A.)
(Semester I-II)

Name of the Course: Bachelor of Arts (B.A) BARL-1208
Paper: Punjabi(Elective)
Semester:I
COURSE OUTCOMES

CO1;'ਸੁਖਨ ਤੇ ਸੂਰਜ' ਕਾਵਿ ਸੰਗ੍ਰਹਿ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਵਿਤਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਆਧੁਨਿਕ ਦੌਰ ਵਿਚ ਚੱਲ ਰਹੀਆਂ ਕਾਵਿ ਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਗਿਆਨ ਹਾਸਿਲ ਕਰ ਸਕਣ।

CO2:ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਵੀ ਹੈ ਤਾਂ ਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਬਣਾ ਸਕਣ।

CO3:ਸਿਮਟਦਾ ਆਕਾਸ਼ :- ਨਾਵਲ ਦੀ ਵਿਧਾ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਗਲਪ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਨਾਵਲ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO4:ਭਾਰਤੀ ਕਾਵਿ ਸਾਸ਼ਤਰ :- ਭਾਰਤੀ ਕਾਵਿ ਸਾਸ਼ਤਰ ਵਿਚ ਪ੍ਰਚੱਲਤ ਵੱਖ - ਵੱਖ ਸੰਪਰਦਾਵਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇ ਕੇ ਭਾਰਤੀ ਸਾਹਿਤ ਪਰੰਪਰਾ ਨਾਲ ਜੋੜਨਾ ਹੈ ਜੋ ਅੱਗੇ ਜਾ ਕੇ ਸਾਹਿਤਕ ਆਲੋਚਨਾ ਕਰਨ ਵਿਚ ਸਹਾਈ ਹੋਣਗੀਆਂ।

CO5:ਅਰਥ ਵਿਗਿਆਨ :- ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਵਿਸ਼ੇ ਨਾਲ ਜੋੜ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਦਾ ਅਤੇ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਨੂੰ ਪੜ੍ਹਾਉਣਾ ਹੈ।

CO6: ਚੋਣਵੀਂ ਪੰਜਾਬੀ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਨਾਲ ਜੋੜ ਕੇ ਉਸ ਨੀਂਹ ਨੂੰ ਤਿਆਰ ਕਰਨਾ ਹੈ, ਜਿਸ ਨਾਲ ਉਹ ਪੋਸਟ ਗਰੈਜੂਏਸ਼ਨ (ਪੰਜਾਬੀ) ਵਿਚ ਜਾਣ ਲਈ ਪ੍ਰਪੱਕ ਹੋ ਸਕਣ ।

Name of the Course : Bachelor of Arts (B.A) BARL-2208
Paper : Punjabi(Elective)
Semester :II
COURSE OUTCOMES

CO1: ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ , ਸਾਹਿਤਕ ਰੂਪਾਂ ਦਾ ਇਤਿਹਾਸ (ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ) ਪ੍ਰਵਿਰਤੀਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਸਾਹਿਤ ਦੀ ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਗਿਆਨ ਹਾਸਿਲ ਕਰ ਸਕਣ।

CO2:ਇਸਦੇ ਨਾਲ ਉਨ੍ਹਾਂ ਵਿਚ ਸਾਹਿਤ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਲਾਲਸਾ ਵਧੇਗੀ।

CO3: 'ਮੰਚ ਘਰ' ਇਕਾਂਗੀ ਦੀ ਵਿਧਾ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਇਕਾਗੀ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਇਕਾਂਗੀ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO4: ਘਰੇਲੂ ਅਤੇ ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ ਲਿਖਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਕਲਾ ਵਿਚ ਨਿਪੁੰਨ ਕਰਨਾ ਹੈ।

CO5: ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰਨ ਦਾ ਮਕਸਦ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਲਿਖ਼ਤ ਵਿਚ ਕੀਤੀਆਂ ਜਾਣ ਵਾਲੀਆਂ ਗਲਤੀਆਂ ਨੂੰ ਸੁਧਾਰਨਾ ਹੈ।

CO6: ਕੋਸ਼ਕਾਰੀ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ ਵਿਸ਼ੇ ਅਧੀਨ ਵਿਦਿਆਰਥੀ ਕੋਸ਼ਕਾਰੀ ਦੇ ਨਾਲ- ਨਾਲ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ ਬਾਰੇ ਗਿਆਨ ਹਾਸਲ ਕਰਨਗੇ।

CO7: ਚੋਣਵੀਂ ਪੰਜਾਬੀ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਨਾਲ ਜੋੜ ਕੇ ਉਸ ਨੀਂਹ ਨੂੰ ਤਿਆਰ ਕਰਨਾ ਹੈ, ਜਿਸ ਨਾਲ ਉਹ ਪੋਸਟ ਗਰੈਜੂਏਸ਼ਨ (ਪੰਜਾਬੀ) ਵਿਚ ਜਾਣ ਲਈ ਪ੍ਰਪੱਕ ਹੋ ਸਕਣ ।

Name of the Course: Bachelor of Arts (B.A) BARL-3208
Paper: Punjabi(Elective)
Semester:III
COURSE OUTCOMES

CO1: ਮੱਧਕਾਲੀਨ ਪੰਜਾਬੀ ਕਾਵਿ (1701-1900) ਪੁਸਤਕ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਵਿਤਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਮੱਧਕਾਲੀਨ ਦੌਰ ਵਿਚ ਚੱਲ ਰਹੀਆਂ ਕਾਵਿ -ਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਗਿਆਨ ਹਾਸਲ ਕਰ ਸਕਣ।

CO2:ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਵੀ ਹੈ ਤਾਂ ਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਬਣਾ ਸਕਣ।

CO3:ਪੰਜਾਬੀ ਕਹਾਣੀ ਦੀ ਸ਼ਾਹਰਾਹ (ਸੰਪਾ. ਡਾ. ਰਮਿੰਦਰ ਕੌਰ) ਪੁਸਤਕਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਗਲਪ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਕਹਾਣੀ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO4: ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ ਅਤੇ ਸ਼ਬਦ ਜੋੜਾਂ ਦੀ ਸੁਧਾਈ ਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰਨ ਦਾ ਮਕਸਦ ਵਿਦਿਆਰਥੀਆਂ ਦੁਆਰਾ ਲਿਖ਼ਤ ਵਿਚ ਕੀਤੀਆਂ ਜਾਣ ਵਾਲੀਆਂ ਗਲਤੀਆਂ ਨੂੰ ਸੁਧਾਰਨਾ ਹੈ।

CO5:ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿੱਪੀ ਨਾਲ ਜੋੜ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਅਮੀਰੀ ਦਾ ਅਤੇ ਇਸ ਦੀਆਂ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਲਈ ਵੱਖਰੇ - ਵੱਖਰੇ ਸਿਧਾਂਤਾਂ ਨੂੰ ਸਮਝਾਉਣਾ ਹੈ।

CO6: ਚੋਣਵੀਂ ਪੰਜਾਬੀ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਨਾਲ ਜੋੜ ਕੇ ਉਸ ਨੀਂਹ ਨੂੰ ਤਿਆਰ ਕਰਨਾ ਹੈ, ਜਿਸ ਨਾਲ ਉਹ ਪੋਸਟ ਗਰੈਜੂਏਸ਼ਨ (ਪੰਜਾਬੀ) ਵਿਚ ਜਾਣ ਲਈ ਪ੍ਰਪੱਕ ਹੋ ਸਕਣ ।

Name of the Course: Bachelor of Arts (B.A) BARL-4208
Paper: Punjabi(Elective)
Semester:IV
COURSE OUTCOMES

CO1: ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ,ਸਾਹਿਤਕ ਰੂਪਾਂ ਦਾ ਇਤਿਹਾਸ (ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ) ਪ੍ਰਵਿਰਤੀਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਸਾਹਿਤ ਦੀ ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਗਿਆਨ ਹਾਸਲ ਕਰ ਸਕਣ।

CO2:ਇਸਦੇ ਨਾਲ ਉਨ੍ਹਾਂ ਵਿਚ ਸਾਹਿਤ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਚੇਟਕ ਪੈਦਾ ਕਰਨੀ ਹੈ।

CO3: ਸਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਪੁਸਤਕ ਪੜ੍ਹਾਉਣ ਦਾ ਮਕਸਦ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਪਣੇ ਸਭਿਆਚਾਰ ਦੇ ਵਿਸਰ ਰਹੇ ਵਿਭਿੰਨ ਪਹਿਲੂਆਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਂਦਿਆਂ ਉਨ੍ਹਾਂ ਨੂੰ ਆਪਣੀ ਅਮੀਰ ਸਭਿਆਚਾਰਕ ਵਿਰਾਸਤ ਨਾਲ ਜੋੜੀ ਰੱਖਣਾ ਹੈ।

CO4: ਆਲੋਚਨਾ ਪ੍ਰਣਾਲੀਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਮਹੱਤਵਪੂਰਨ ਸੰਕਲਪ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਨ੍ਹਾਂ ਸੰਕਲਪਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਂਦਿਆਂ ਉਨ੍ਹਾਂ ਅੰਦਰ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।

CO5: ਸਾਹਿਤ ਰੂਪਾਂ ਨੂੰ ਸਿਲੇਬਸ ਵਿੱਚ ਸ਼ਾਮਲ ਕਰਨ ਦਾ ਮਕਸਦ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਨ੍ਹਾਂ ਸਾਹਿਤ ਰੂਪਾਂ ਦੀ ਪਰਿਭਾਸ਼ਾ,ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਤੱਤਾਂ ਤੋਂ ਬਾਰੀਕੀ ਨਾਲ ਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

CO6: ਚੋਣਵੀਂ ਪੰਜਾਬੀ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਨਾਲ ਜੋੜ ਕੇ ਉਸ ਨੀਂਹ ਨੂੰ ਤਿਆਰ ਕਰਨਾ ਹੈ, ਜਿਸ ਨਾਲ ਉਹ ਪੋਸਟ ਗਰੈਜੂਏਸ਼ਨ (ਪੰਜਾਬੀ) ਵਿਚ ਜਾਣ ਲਈ ਪ੍ਰਪੱਕ ਹੋ ਸਕਣ ।

Name of the Course: Bachelor of Arts (B.A) BARL-5208
Paper: Punjabi(Elective)
Semester:V
COURSE OUTCOMES CO1:ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ (1700 ਈ. ਤੱਕ)ਪੁਸਤਕ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਕਵਿਤਾ ਪ੍ਰਤੀ ਦਿਲਚਸਪੀ, ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਮੱਧਕਾਲੀਨ ਦੌਰ ਵਿਚ ਚੱਲ ਰਹੀਆਂ ਕਾਵਿ -ਧਾਰਾਵਾਂ ਅਤੇ ਕਵੀਆਂ ਬਾਰੇ ਗਿਆਨ ਹਾਸਲ ਕਰ ਸਕਣ।

CO2:ਇਸ ਦਾ ਹੋਰ ਮਨੋਰਥ ਕਵਿਤਾ ਦੀ ਵਿਆਖਿਆ, ਵਿਸ਼ਲੇਸ਼ਣ ਤੇ ਮੁਲੰਕਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਵੀ ਹੈ ਤਾਂ ਕਿ ਉਹ ਸਮਕਾਲੀ ਸਮਾਜ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਸਮਝ ਸਕਣ ਅਤੇ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਬਣਾ ਸਕਣ।

CO3:ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ(ਸੰਪਾ. ਡਾ. ਰਮਿੰਦਰ ਕੌਰ) ਪੁਸਤਕਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਵਾਰਤਕ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਵਾਰਤਕ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹੈ।

CO4:ਪੰਜਾਬੀ ਨਾਟਕ ਬੇਗਾਨੇ ਬੋਹੜ ਦੀ ਛਾਂ(ਅਜਮੇਰ ਔਲਖ) ਪੁਸਤਕਨੂੰ ਸਿਲੇਬਸ ਵਿਚ ਸ਼ਾਮਿਲ ਕਰ ਕੇ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਨਾਟਕ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਰੁਚੀ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਅਤੇ ਨਾਟਕ ਜਗਤ ਨਾਲ ਜੋੜਣਾ ਹ

Name of the Course: Bachelor of Arts (B.A) BARL-6208
Paper: Punjabi(Elective)
Semester:VI
COURSE OUTCOMES
CO1: ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ,ਸਾਹਿਤਕ ਰੂਪਾਂ ਦਾ ਇਤਿਹਾਸ (ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ) ਪ੍ਰਵਿਰਤੀਆਂ ਨੂੰ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਸਾਹਿਤ ਦੀ ਸੂਝ ਨੂੰ ਪੈਦਾ ਕਰਨਾ ਹੈ ਤਾਂ ਕਿ ਉਹ ਗਿਆਨ ਹਾਸਲ ਕਰ ਸਕਣ।

CO2:ਇਸਦੇ ਨਾਲ ਉਨ੍ਹਾਂ ਵਿਚ ਸਾਹਿਤ ਨੂੰ ਪੜ੍ਹਣ ਦੀ ਚੇਟਕ ਪੈਦਾ ਕਰਨੀ ਹੈ।

CO3: ਆਲੋਚਨਾ ਪ੍ਰਣਾਲੀਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਮਹੱਤਵਪੂਰਨ ਸੰਕਲਪ ਪੜ੍ਹਾਉਣ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਨ੍ਹਾਂ ਸੰਕਲਪਾਂ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਂਦਿਆਂ ਉਨ੍ਹਾਂ ਅੰਦਰ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ਹੈ।

CO4: ਸਾਹਿਤ ਰੂਪਾਂ ਨੂੰ ਸਿਲੇਬਸ ਵਿੱਚ ਸ਼ਾਮਲ ਕਰਨ ਦਾ ਮਕਸਦ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਨ੍ਹਾਂ ਸਾਹਿਤ ਰੂਪਾਂ ਦੀ ਪਰਿਭਾਸ਼ਾ,ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਤੱਤਾਂ ਤੋਂ ਬਾਰੀਕੀ ਨਾਲ ਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

CO5: ਚੌਣਵੀਂ ਪੰਜਾਬੀ ਦਾ ਮਨੋਰਥ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸਾਹਿਤ ਦੇ ਨਾਲ ਜੋੜ ਕੇ ਉਸ ਨੀਂਹ ਨੂੰ ਤਿਆਰ ਕਰਨਾ ਹੈ, ਜਿਸ ਨਾਲ ਉਹ ਪੋਸਟ ਗਰੈਜੂਏਸ਼ਨ (ਪੰਜਾਬੀ) ਵਿਚ ਜਾਣ ਲਈ ਪ੍ਰਪੱਕ ਹੋ ਸਕਣ ।

Name of the Course: Bachelor of Arts (B.A) BARL-3579
Paper: Punjabi (Honours)

Semester:III

COURSE OUTCOMES
CO1: ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਵਿਸ਼ੇਸ਼ ਕਾਲਖੰਡਬਾਰੇ ਵਿਸਥਾਰ ਸਹਿਤ ਜਾਣਕਾਰੀ ਦੇਣਾ ਅਤੇ ਇਸ ਦੇ ਕਾਲਨਿਰਧਾਰਣ ਸੰਬੰਧੀਆਉਣ ਵਾਲੀਆਂ ਸਮੱਸਿਆਵਾਂਤੋਂਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।
CO2: ਵਿਚਾਰਧਾਰਕਪ੍ਰਵਿਰਤੀਆਂਨੂੰ ਪੜ੍ਹਦਿਆਂਵੱਖ-ਵੱਖ ਸਮਿਆਂਦੌਰਾਨ ਉਭਰੀਆਂਵਿਭਿੰਨਪ੍ਰਵਿਰਤੀਆਂ ਨੂੰ ਪੜ੍ਹ ਕੇ ਵਿਦਿਆਰਥੀ ਸਾਹਿਤਦਾਗੰਭੀਰਤਾਨਾਲਅਧਿਐਨਕਰਨ ਦੇ ਯੋਗ ਬਣਨਗੇ।।
CO3: ਆਧੁਨਿਕਪੰਜਾਬੀਕਾਵਿ ਦੇ ਵਿਕਾਸ ਦਾਪੜਾਅ-ਵਾਰਅਧਿਐਨਕਰਕੇ ਵਿਦਿਆਰਥੀਨਵੀਨਕਾਵਿਪ੍ਰਵਿਰਤੀਆਂਤੋਂਜਾਣੂ ਹੋਣਗੇ।
CO4: ਪੰਜਾਬੀਗਲਪਦਾਅਧਿਐਨਕਰਨਨਾਲਵਿਦਿਆਰਥੀਆਂਅੰਦਰ ਸਾਹਿਤਪੜ੍ਹਣ ਦੀ ਚੇਟਕ ਲੱਗੇਗੀ।
CO5: ਪੰਜਾਬੀਨਾਟਕ ਤੇ ਰੰਗਮੰਚਬਾਰੇ ਜਾਣਕਾਰੀਪ੍ਰਾਪਤਕਰਕੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਇਸ ਸਾਹਿਤ ਰੂਪ ਸੰਬੰਧੀ ਉਤਸੁਕਤਾਵਧੇਗੀ ਅਤੇ ਉਹ ਇਸ ਨੂੰ ਪੜ੍ਹਣਲਈ ਉਤਸ਼ਾਹਤਹੋਣਗੇ।

Name of the Course: Bachelor of Arts (B.A) BARL-4579
Paper: Punjabi (Honours)

Semester:IV

COURSE OUTCOMES
CO1:ਸੂਫ਼ੀ ਕਾਵਿਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਅਮੀਰਪਰੰਪਰਾਦਾ ਸਜੀਵ ਤੇ ਅਹਿਮਹਿੱਸਾ ਹੈ।ਸਾਡੇ ਮਿਸ਼ਰਿਤ ਸਭਿਆਚਾਰਦਾ ਸਾਹਿਤਕ ਤੇ ਸਮਾਜਕਪ੍ਰਮਾਣਵੀ ਹੈ ਜੋ ਸਾਨੂੰ ਧਾਰਮਿਕ ਸਹਿਣਸ਼ੀਲਤਾਨਾਲਜੋੜਦਾ ਹੈ ਤੇ ਅਧਿਆਤਮਕਪੱਧਰਤੋਂਵੀ ਉੱਚਾਚੁੱਕਦਾ ਹੈ।
CO2:ਸ਼ਾਹ ਹੁਸੈਨ ਸੂਫ਼ੀ ਵਿਚਾਰਧਾਰਾ ਦੇ ਪ੍ਰਤੀਨਿਧ ਕਵੀ ਹਨ।ਜਿਨ੍ਹਾਂ ਨੇ ਆਪਣੀਆਂਕਾਫ਼ੀਆਂਵਿਚਧਾਰਮਿਕਕੱਟੜਤਾ ਦੇ ਖਿਲਾਫ਼ ਵਿਚਾਰ ਪੇਸ਼ ਕਰਕੇ ਲੋਕਾਂਨੂੰ ਧਾਰਮਿਕ ਸਹਿਣਸ਼ੀਲਤਾਭਾਈਚਾਰਕ ਏਕਤਾਦਾ ਉਪਦੇਸ਼ ਦਿੱਤਾ ਹੈ।
CO3:ਕਿੱਸਾ ਕਾਵਿਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਅਮੀਰਪਰੰਪਰਾ ਹੈ। ਕਿੱਸਾਕਾਵਿਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਕਿੱਸਾਕਾਵਿ ਦੀ ਪ੍ਰਕਿਰਤੀ, ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਤੇ ਵਿਕਾਸ ਤੋਂਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।
CO4: ਵਾਰਤਕਪੜ੍ਹਾਉਣ ਦਾਮਨੋਰਥਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੁਰਾਤਨ ਅਤੇ ਨਵੀਨਪੰਜਾਬੀਵਾਰਤਕਵੰਨਗੀਆਂਤੋਂਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

Name of the Course: Bachelor of Arts (B.A) BARL-5579
Paper: Punjabi (Honours)

Semester:V

COURSE OUTCOMES

CO1: ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਵਿਸ਼ੇਸ਼ ਕਾਲਖੰਡਬਾਰੇ ਵਿਸਥਾਰ ਸਹਿਤ ਜਾਣਕਾਰੀ ਦੇਣਾ ਅਤੇ ਇਸ ਦੇ ਕਾਲਨਿਰਧਾਰਣ ਸੰਬੰਧੀਆਉਣ ਵਾਲੀਆਂ ਸਮੱਸਿਆਵਾਂਤੋਂਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

CO2: ਵਿਚਾਰਧਾਰਕਪ੍ਰਵਿਰਤੀਆਂਨੂੰ ਪੜ੍ਹਦਿਆਂਵੱਖ-ਵੱਖ ਸਮਿਆਂਦੌਰਾਨ ਉਭਰੀਆਂਵਿਭਿੰਨਪ੍ਰਵਿਰਤੀਆਂ ਨੂੰ ਪੜ੍ਹ ਕੇ ਵਿਦਿਆਰਥੀ ਸਾਹਿਤਦਾਗੰਭੀਰਤਾਨਾਲਅਧਿਐਨਕਰਨ ਦੇ ਯੋਗ ਬਣਨਗੇ।।

CO3: ਆਧੁਨਿਕਪੰਜਾਬੀਕਾਵਿ ਦੇ ਵਿਕਾਸ ਦਾਪੜਾਅ-ਵਾਰਅਧਿਐਨਕਰਕੇ ਵਿਦਿਆਰਥੀਨਵੀਨਕਾਵਿਪ੍ਰਵਿਰਤੀਆਂਤੋਂਜਾਣੂ ਹੋਣਗੇ।

CO4: ਪੰਜਾਬੀਗਲਪਦਾਅਧਿਐਨਕਰਨਨਾਲਵਿਦਿਆਰਥੀਆਂਅੰਦਰ ਸਾਹਿਤਪੜ੍ਹਣ ਦੀ ਚੇਟਕ ਲੱਗੇਗੀ।

CO5: ਪੰਜਾਬੀਨਾਟਕ ਤੇ ਰੰਗਮੰਚਬਾਰੇ ਜਾਣਕਾਰੀਪ੍ਰਾਪਤਕਰਕੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਇਸ ਸਾਹਿਤ ਰੂਪ ਸੰਬੰਧੀ ਉਤਸੁਕਤਾਵਧੇਗੀ ਅਤੇ ਉਹ ਇਸ ਨੂੰ ਪੜ੍ਹਣਲਈ ਉਤਸ਼ਾਹਤਹੋਣਗੇ।

Name of the Course: Bachelor of Arts (B.A) BARL-6579
Paper: Punjabi (Honours)

Semester:VI

COURSE OUTCOMES

CO1: ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਧੁਨਿਕਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਵਿਸ਼ੇਸ਼ ਕਾਲਖੰਡਬਾਰੇ ਵਿਸਥਾਰ ਸਹਿਤ ਜਾਣਕਾਰੀ ਦੇਣਾ ਅਤੇ ਇਸ ਦੇ ਕਾਲਨਿਰਧਾਰਣ ਸੰਬੰਧੀਆਉਣ ਵਾਲੀਆਂ ਸਮੱਸਿਆਵਾਂਤੋਂਜਾਣੂ ਕਰਵਾਉਣਾ ਹੈ।

CO2: ਵਿਚਾਰਧਾਰਕਪ੍ਰਵਿਰਤੀਆਂਨੂੰ ਪੜ੍ਹਦਿਆਂਵੱਖ-ਵੱਖ ਸਮਿਆਂਦੌਰਾਨ ਉਭਰੀਆਂਵਿਭਿੰਨਪ੍ਰਵਿਰਤੀਆਂ ਨੂੰ ਪੜ੍ਹ ਕੇ ਵਿਦਿਆਰਥੀ ਸਾਹਿਤਦਾਗੰਭੀਰਤਾਨਾਲਅਧਿਐਨਕਰਨ ਦੇ ਯੋਗ ਬਣਨਗੇ।।

CO3: ਆਧੁਨਿਕਪੰਜਾਬੀਕਾਵਿ ਦੇ ਵਿਕਾਸ ਦਾਪੜਾਅ-ਵਾਰਅਧਿਐਨਕਰਕੇ ਵਿਦਿਆਰਥੀਨਵੀਨਕਾਵਿਪ੍ਰਵਿਰਤੀਆਂਤੋਂਜਾਣੂ ਹੋਣਗੇ।

CO4: ਪੰਜਾਬੀਗਲਪਦਾਅਧਿਐਨਕਰਨਨਾਲਵਿਦਿਆਰਥੀਆਂਅੰਦਰ ਸਾਹਿਤਪੜ੍ਹਣ ਦੀ ਚੇਟਕ ਲੱਗੇਗੀ।

CO5: ਪੰਜਾਬੀਨਾਟਕ ਤੇ ਰੰਗਮੰਚਬਾਰੇ ਜਾਣਕਾਰੀਪ੍ਰਾਪਤਕਰਕੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਇਸ ਸਾਹਿਤ ਰੂਪ ਸੰਬੰਧੀ ਉਤਸੁਕਤਾਵਧੇਗੀ ਅਤੇ ਉਹ ਇਸ ਨੂੰ ਪੜ੍ਹਣਲਈ ਉਤਸ਼ਾਹਤਹੋਣਗੇ।

Masters of Arts (Hindi) Session 2019-20

Programme Specific Outcomes (PSO)

ा्स्तएरस फ अरतस ह्यजन्दिहि श्एस्सिं 2019́20 प्रेगराम्म्ए श्पएचफिचि ुतच्मएस र्प्ैं1ः बाषा उच्चायण भें ननऩुणता व्माकयण सम्फन्धी अवधायणा की स्ऩष्टता ल र्प्ैं2ः प्राचीन एवॊ नवीन हहन्दी कववमों की देन के गहन ाान की प्राप्तत ल र्प्ैं3ः हहन्दी के बावषक औय साहहप्यमक प न के साथ साथ उसके प्रम जनभूरक प नों - फैंकयेरवे सभाचाय ऩत्र येडडम टेरीववज़न भीडडमा अनुवाद की जानकायी एवॊ य ज़गाय के अवसय ल र्प्ैं4ः बायतीम औय ऩाश्चायम काव्मशास्त्र की अवधायणा ववभबन्न सभीा ऩद्दनतमों का सम्मक ाान ल यसशब्द शप्ततमों औय वववववध वादों का गहन अध्ममन ल र्प्ैं5ः बाषा औय बाषा ववाानसभाज ववाान भन बाषा ववाान शैभरववाान प ऩाोतयण प्रजनक व्मवस्था ऩयक प्रकामय ऩयक व्माकयण की सभस्त जानकायी एवॊ बाषा वैाननक ऩरयप्रेक्ष्म भें साहहयम का ववश्रेषण कयने का सम्मूणय ाान ल र्प्ैं6ः देवनागयी भरवऩ का ाान सभासभसप्न्धउऩसगय प्रयमम भरॊगवचन कायक की व्मावहायक जानकायी ल र्प्ैं7ः क ष ननभायण के भसद्दाोत प्रक्रिमा ववभबन्न क श ग्रन्थ औय ववभबन्न क शकायों का साभान्म ऩरयचम एवॊ व्मावहायक ाान भें दता ल र्प्ैं8ः हहन्दी की प्रम जन भूरकता क भसद्ध कयती ऩत्रकारयता के'ेत्र की सैद्दाोनतक औय व्मावहायक जानकायी सम्ऩादन प्रूप ऩठनसभाचाय रेखन व वाचन उद्घ षणाःरेखन व वाचन सॊवाद ववााऩनपीचय रयऩ तायज ऩटकथा डातमूभैंट्री नाटक रेखन का व्मावहायक ाान ल र्प्ैं9ः याजबाषा भशण के अोतगयत याजबाषा के अधधननमभ याष्ट्रऩनत के आदेशों सॊवैधाननक ननमभों की सम्मूणय जानकायी औय कामायरमी हटतऩण प्राप ऩण सॊेऩण ववस्तायण ऩत्र रेखन एवॊ ऩारयबावषक शब्दावरी ननभायण के भसद्दाोत की ववस्ततृ जानकायी ल

Masters of Arts (HINDI) (Semester-I) Session 2019-20 Course Code: MHIL-1261 आधन ु नक हहन्दी काव्म:çmßðÎèØé»èÙ °ß´ ÀæØæßæÎè Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: §â ÂæÆ,Ø·ý¤× âð çßlæÍèü ¥æÏéçÖ·¤ çã‹Îè ·¤çßÐæ ·Ò¤ ÂýSÍæÖ çÕ´Íé çmßðÎèØé»èÖ ·¤æÃØ ¥õÔU ÐÎéÂÔUæ‹Ð ¹Ç¸è ÕôÜè çã‹Îè ·¤çßÐæ ·Ò¤ Sß‡æüØé» ÀæØæßæÎè ·¤æÃØ ·¤è çßàæðáÐæ¥ô´ ·¤ô â×ÕæÖð ·Ò¤ âæÍ çã‹Îè ·¤çßÐæ ·Ò¤ çß·¤æâ ×ð´ §Ö ÎôÙô´ ·¤æÃØÏæÚUæ¥ô´ ·Ô¤ Øô»ÎæÙ âð ¥ß»Ì ãô´»ðÐ CO-2: §â ÂæÆ,Ø·ý¤× ×ð´ çmßðÎè Øé» ·Ò¤ ÂýçÐçÖçÏ ·¤çß ×ñçÍÜèàæÔU‡æ »éŒÐ ·¤è âßüŸæðD ÔU¿Öæ Óâæ·ð¤ÌÓ ÌÍæ ÀæØæßæÎè Øé» ·Ò¤ Âý×é¹ ·¤çß Ÿæè ÁØàæ´·¤ÔU Âýâæî ·¤è ·¤ëçÐ Ó·¤æ×æØÖèÑ ÐÍæ âêØü·¤æ´Ð çØæÂæÆè çÖÔUæÜæ ·¤è ·¤çßÐæ°´ ßSÐéÐÑ â×·¤æÜèÖ ÂçÔUçSÍçÐØô´ ·Ò¤ â×æÖæ‹ÐÔU ÖæÔUÐèØ ¿ðÐÖæ ·Ò¤ ·ý¤ç×·¤ çß·¤æâ ·¤è ©×·ë¤cÅU ÂýSÐéçÐ ãñ´Ð CO-3: इसâð çßlæÍèü °·¤ â×Ø ·¤è âæ×æçÁ·¤ ÂçÚUçSÍçÌØô´ ·¤è âæÂðÿæÌæ ×ð´ ÕÎÜ ÚUãð Áè ßÙ-×êËØô´ ·Ô¤ âæÍ ×æÙß-¿ðÐÖæ ·Ò¤ â´ƒæáü ·¤ô âãUÁ ãè â×Õæ â·Ò¤´»ðÐ M

Masters of Arts (HINDI) (Semester-I) Session 2019-20 Course Code: MHIL-1262 çã‹Îè âæçã×Ø ·¤æ §çÐãæâ (¹‡ÇU-°·¤) Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: §çÐãæâ ·¤è ÎëçC âð âæçãç×Ø·¤ SÐÔU ·¤è ÔU¿Öæ¥ô´ ·¤æ ×êËØæ´·¤Ö ·¤ÔUÖæ âæçã×Ø ·¤æ §çÐãæâ ·¤ãÜæÌæ ãñÐ ØçÎ ¥æÏéçÖ·¤ âæçã×Ø ·Ò¤ SßM¤Â ·¤ô ÁæÖÖæ ãñ Ðô Øã ¥×Ø´Ð ¥æßàØ·¤ ãñ ç·¤ ©â·Ò¤ çß»Ð ·¤æ çßßÔU‡æ Öè ÁæÖæ Áæ°Ð CO-2: çß»Ð ·¤æ çßßÔU‡æ °ß´ ÕôÏ ÇÁâÖð ¥ÐèÐ ·Ò¤ ÁèßÖ ·¤ô ÂýÖæçßÌ ç·¤Øæ ãô ¥õÚU ÖçßcØ ·Ô¤ çÜ° Öè â´·Ô¤Ì ãô, âæçã×Ø ·¤æ §çÐãæâ ·¤ãUÜæÐæ ãñÐ CO-3: ¥ÐÑ ßÐü×æÖ Öæáæ ¥õÔU âæçã×Ø ·ð¤ çß·¤æâ ·¤ô ÁæÖÖð ·Ò¤ çÜ° Øã ÂýàÖ ÂØæ ¥çÖßæØü ãñÐ

Course Code: MHIL-1263 ÖæÔUÐèØ ·¤æÃØàæææSØæ °ß´ âæçã×ØæÜô¿Ö Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: §â ÂýàÖÂØæ ×ð´ çÎ° »° ÂæÆ,Ø·ý¤× ·¤æ ©gðàØ âæçã×Ø âëÁÖ ·Ò¤ ×êÜ çâhæ´Ðô´ ·Ò¤ â´ÎÖü ×ð´ Âýæ¿èÖ ·¤æÃØàæææSØæèØ ¥æ¿æØô´ü ·¤è SÍæÂÖæ¥ô¢ °ß´ ©Ö·Ò¤ mæÔUæ çÎ° »° çâhæ´Ìô´ âð çßlæçÍüØô´ ·¤ô ¥ß»Ì ·¤ÚUæÙæ ãñÐ CO-2: ØlçÂ ßÐü×æÖ â×Ø ×ð´ âæçã×Ø ·ð¤ SßM¤Â ©â·Ò¤ âëÁÖ çâhæ´Ðô´, Öæáæ °ß´ àæñÜè ×ð´ ÂçÔUßÐüÖ ·Ò¤ ÂçÔU‡æææ×SßL¤Â ¥æÜô¿Öæ ·Ò¤ ×æÖÎ‡Çô´ ¥õÔU â×è‘æææ ÂhUçÐØô´ ×ð´ ÕÎÜæß ¥æ ¿é·¤æ ãñ ç·¤‹Ðé çßlæçÍüØô´ ·¤ô âæçã×Ø âëÁÖ °ß´ â×è‘æææ ·Ò¤ ·ý¤ç×·¤ çß·¤æâ ·¤è ÁæÖ·¤æÔUè ÎðÖæ Öè ¥×ØæßàØ·¤ ãñÐ CO-3: ÖæÔUÐèØ ·¤æÃØàæææSØæ ×ð´ ã× âæçã×Ø âëÁÖ °ß´ â×è‘æææ ·Ò¤ सम्फन्ध ×ð´ çßmæÙ ¥æ¿æØôZ ·Ô¤ mæÚUæ çÎ° »° ×Ðô´ °ß´ çâhæ´Ðô´ ·Ò¤ ·ý¤ç×·¤ çß·¤æâ, âæçã×Ø ÂÔU ©Ö·Ò¤ ÂýÖæß ¥õÔU ©Ö·Ò¤ Øô»ÎæÖ ÐÍæ ©UÖ·¤è âè×æ¥ô´ ·¤è ÁæÙ·¤æÚUè Âýæ# ·¤ÚUÌð ãñ´Ð CO-4: âæçã×Ø âëÁÖ ¥õÔU â×è‘æææ ×ð´ Ö° L¤ÕæææÖ ¥õÔU ÂçÔUßÐüÖô´ ·Ò¤ ÂýçÐ L¤ÕæææÖ ©×Âóæ ·¤ÔUÐð ãé° âæçã×Ø ·¤è Ù§ü Öæß-Öêç× âð ÁôÇ¸Ùð ·Ô¤ çÜ° ÂæÆ÷Ø·ý¤× ×ð´ çßçÖóæ çß¿æÚUÏæÚUæ¥ô´ ÂÚU ¥æÏæçÚUÌ ¥æÏéçÙ·¤ â×èÿæææ ÂhUçÌØô´ ·¤ô Öè âç•×çÜÌ ç·¤Øæ »Øæ ãñÐ CO-5: çã‹Îè Öæáæ âð ÁéÇ¸ð ç·¤âè Öè ÃØßâæØ ¿æãð ßã ¥ŠØæÂÖ ·¤æ ãô Øæ â×è‘æææ ·¤æ, ÂØæ·¤æçÔUÐæ ·¤æ ãô Øæ ÔU¿Öæ××·¤ Üð¹Ö ·¤æ ©â×ð´ ÂýÎàæüÖ ·Ò¤ çÜ° ·¤æÃØàæææSØæ ·Ò¤ ×êÜ çâhæ´Ðô´ ·¤è ÁæÖ·¤æÔUè çßlæçÍüØô´ ·Ò¤ ™æææÖ ·¤è âéÎëÉ¸ ¥æÏæÚUçàæÜæ ãñ ç·¤âè Öè ÖßÙ ·¤è ×ÁÕêÌè

Ùè´ß ·¤è ÌÚUãÐ CO-6: यस ¥Ü´·¤æÔU. À‹Î, ŠßçÖ वि प्तत, ¥õç¿×Ø, ÂýÐè·¤, çÕ•Õ §×ØæçÎ ·¤æ ™æ æÖ çßlæçÍüØô´ ·¤ô ÔU¿Öæ××·¤ ¥çÖÃØçQ¤ ×ð´ ÂÔUô‘æ °ß´ âê‘× Öêç×·¤æ çÖÖæÖð ßæÜð Ð×ßô´ ·¤è ÁæÖ·¤æÔUè ©‹ãð´ âñhæ´çÐ·¤ ™æ æÖ ¥õÔU ÃØæßãæçÔU·¤ ·¤õàæÜ ÎôÙô´ ÂýÎæÙ ·¤ÚUÌè ãñÐ

Masters of Arts (HINDI) (Semester-I) Session 2019-20 Course Code: MHIL-1264 ÂýØôÁÖ×êÜ·¤ çã‹Îè Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: çãU‹¼è ÖæÔUÐ ·¤è ÔUæcÅþU Öæáæ ãñUÐ ØãU ¥‹ÐÔUæücÅþUèØ Öæáæ Öè ãñUÐ ¥ÐÑ SßæÖæçß·¤ ãUè ãñU ·¤è ¿éçÖ‹¼æ Öæáæ¥ô¢ ×ð´ âð ØãU °·¤ ×ãU×ßÂê‡æü Öæáæ ãñUÐ CO-2: ÖæÔUÐ ·¤è ¥çÖÁæÐ ÔUæcÅþU Öæáæ ãUôÖð ·ðx ·¤æÔU‡æ ¼ðàæ ·ðx ÂýàæææâçÖ·¤ ·¤æØôZ ×ð´ çãU‹¼è ·¤æ Ã.æÂ·¤ ÂýØô» ãUè ÔUæcÅþUèØÐæ ·¤è ¼ëçcÅU âð ¥×ØéQ¤ Öè ãñUÐ CO-3: çãU‹¼è ÔUæÁ Öæáæ âð Üð·¤ÔU ÔÒUÜßð SÅðUàæÖ, ×ç‹¼ÔU, Ïæç×ü·¤ SÍÜô´ Ð·¤ ãUè âèç×Ð ÖãUè´ ÕçË·¤ Ð·¤Öè·¤è çàæ‘æ, ·¤æÖêÖ ¥õÔU ‹ØæØæÜØ, ßæç‡æ’Ø, ÃØæÂæÔU âÔè ‘æðØæô´ ×ð´ çãU‹¼è ·¤æ ÃØæÂ·¤ ÂýØô» ãUôÐæ ãñUÐ CO-4: §â ÂýàÖ ÂØæ ·Ò¤ ×æŠØ× âð çßlæÍèü çã‹Îè Öæáæ ·Ò¤ âÖè M¤Âô´ ·¤æ »ãÖÐ× ™æ æÖ ÂýæŒÐ ·¤ÔU Öæáæ â•Õ‹Ïè ‘æðØæô´ ×ð´ Öõ·¤ÔUè Âæ â·¤Ðæ ãñÐ CO-5: Öæáæ ·Ò¤ çßçßÏ ‘æðØæô´ (·¤æØæüÜØè, ÃØßâæçØ·¤, Âýàæææâç Ö·¤, ÔUæÁ·¤èØ) ×ð´ ÂæÔU´»Ð âô â·¤Ðæ ãñÐ CO-6: ·¤•ŒØêÅUÔU ß ×èçÇØæ ·Ò¤ ‘æðØæ ×ð´ Öè ÔUô•æ»æÔU ÂýæŒÐ ·¤ÚU âô â·¤Ìæ ãñÐ

Masters of Arts (HINDI) (Semester-I) Session 2019-20 Course Code: MHIL-1265 (ßñ·¤çËÂ·¤ ¥ŠØØÖ) विकल्प – एक çãU‹¼è ÖæÅU·¤ ¥õÔU ÔU´»×´¿ Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: ÔæÅU·¤ çãU‹¼è »l âæçãU×Ø ·¤è ¥‹ØÐ× çßÏæ ãñUÐ çãU‹¼è ×ð´ ÖæÅU·¤ô´ ·¤æ ÂýæÔ¢UÖ ÖæÔUÐð‹¼é âð ×æÖæ ÁæÐæ ãñUÐ CO-2: ÖæÔUÐð‹¼é Øé» ·ðx ÖæÅU·¤·¤æÔUô´ Öð Üô·¤ ¿ðÌÙæ ·ðx çß·¤æâ ·ðx çÜ° ÙæÅU·¤ô´ ·¤è ÚU¿Ùæ ·¤è Ìæç·¤ ©Uâ â×Ø ·¤è âæ×æçÁ·¤ â×SØæ¥ô´ ·¤ô ÙæÅU·¤ô´ ×ð´ ¥çÖÃØ€Ì ç·¤Øæ Áæ â·ðx¤Ð CO-3: §â ÂýàÖÂØæ ·Ò¤ ×æŠØ× âð çßlæÍèü ¥æÏéçÖ·¤ ·¤æÜ ×ð´ ÖæÔUÐð‹Íé Øé» ×ð´ ÖæÅU·¤ô´ ·Ò¤ çß·¤æâ ÐÍæ ÚU´»×´¿ ·Ôx ÕæÚUð ×ð´ ÁæÙ·¤æÔUè ÂýæŒÐ ·¤ÔU â·¤Ðð ãñ´ ÐÍæ ×ãæÖ ÖæÅU·¤·¤æÔUô´ ÖæÔUÐð‹Íé, ÁØàæ´·¤ÔU ÂýâæÎ ÐÍæ Ü‘×èÖæÔUæØ‡æ ÜæÜ ·Ò¤ ÖæÅU·¤ô´ ·¤æ ¥ŠØØÖ ·¤ÔUð´»ðÐ CO-4: Øã ÂýàÖ ÂØæ çßlæçÍüØô´ ·¤è ÔU´»×´¿ ·Ò¤ ÂýçÐ L¤ç¿ ©×Â‹Ö ·¤ÔUð»æ ¥õÔU ©Ö·¤è âëÁÖæ××·¤ ‘æ×Ðæ ·¤ô ©UÖæÚUÙð ×ð´ ×ÎÎ ·¤ÚUð»æÐ

Masters of Arts (HINDI) (Semester-I) Session 2019-20 Course Code: MHIL-1265 ßñ·¤çËÂ·¤ ¥ŠØØÖ çß·¤ËÂ-द क श ववान Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: ·¤ôàæ çß™æ æÖ ·¤è उयऩवत्त, ¥Íü, ÂØæüØ, çßÜô× ¥æç¼ ÁæÖÖð ·¤æ âÕâð âÔUÜ, ©UÂØô»è °ß¢ ¥Öé·¤ÔU‡æèØ ×æŠØ× ãñUÐ CO-2: §â ÂýàÖÂØæ ×ð´ çßlæÍèü ·¤ôàæ ·¤è ©UÂØôç»Ðæ ¥õÔU ·¤ôàæ ¥õÔU ÃØæ·¤ÔU‡æ ·ðx ¥‹ÐÔUâ•Õ‹Ï ·ðx ÕæÔÒU ×ð´ ÃØæÂ·¤ ÁæÖ·¤æÔUè ÂýæŒÐ ·¤ÔU â·¤Ìæ ãñUÐ CO-3: ·¤ôàæ ·ðx çÖ×æü‡æ ·¤è Âýç·ý¤Øæ, ·¤ôàæ ·ðx Âý·¤æÔU, ·¤ôàæ çÖ×æü‡æ ×ð´ ¥æÖð ßæÜè ·¤çÆUÖæ§Øô´ ·ðx ÕæÔÒU ×ð´ ™æ æÖ ¥çÁüÌ ·¤ÚU â·¤Ìæ ãñU CO-4: ·¤ôàæ çß™æ æÖ ·ðx âæÍ, ŠßçÖ, ÃØæ·¤ÔU‡æ व्म ुयऩवत्त àæ æSØæ ¥õÔU ¥Íü çß™æ æÖ ·¤æ »ãUÖ ¥ŠØØÖ-çßàæÜðá‡æ ·¤ÚUÙð ×ð´ âÿæ× ãUô â·¤Ìæ ãñUÐ

Masters of Arts (HINDI) (Semester-I) Session 2019-20 Course Code: MHIL-1265 िकष्ल्नक अध्ययर्न çß·¤ËÂ-तीर्न Â¢ÁæÕ ·¤æ ×ŠØ·¤æÜèÖ çãU‹¼è âæçãU×Ø Course Outcomes : इस र्नाठ्यक्रम को उत्तीर्ण करर्ने के र्नश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: çãU‹¼è Öæáæ ¥õÔU âæçãU×Ø ·ðæ ©U×ÍæÖ ×ð´ çãU‹¼è Öæáè Âý¼ðàæô´ ·¤æ ãUè ÖãUè´ ¥çÂÐé çãU‹¼èÐÔU Âý¼ðàæô´ ·¤æ Öè ÕãéUÐ Øô»¼æÙ ãñUÐ CO-2: Â¢ÁæÕ ·¤æ §â 'æðØæ ×ð´ ¥ß¼æÖ ¥Öé·¤ÔU‡æèØ ãñUÐ CO-3: §â ÂýàÖÂØæ ×ð´ Â¢ÁæÕ ·ðæ çãU‹¼è âæçãU×Ø ·¤è ÂëcÆUÖêç×, §çÐãUæâ ·ðæ ¥çÐçÔU€Ì çßlæÍèü, »éL¤ ·¤æÃØÏæÚUæ, ÚUæ× ·¤æÃØÏæÔUæ, ·ë¤c‡æ ·¤æÃØÏæÔUæ ß âêÈ¤è ·¤æÃØÏæÔUæ ·ðæ ¥ÏØØÖ ·ðæ âæÍ-âæÍ »éL¤×é¹è çÜçÂ ×ð´ ©UÂÜŽÏ Öç€Ì ·¤æÜèÙ »ŠK âæçãU×Ø ·¤æ ™æœÖœÁüÖ ·¤ÔU â·ðæ»æÐ CO-4: »éL¤×é¹è çÜçÂ ×ð´ ©UÂÜŽÏ ¼ÔUÕæÔUè ·¤æÃØ ÐÍæ Ÿæè ×¼, Ö»ß¼»èÐæ ·ðæ â¢¼Öü ×ð´ ¥Öéßæ¼ °ß¢ Öæcز ·¤æ ¥ŠØØÖ ·¤ÔU â·ðæ»æÐ

Masters of Arts (HINDI) (Semester-II) Session 2019-20 Course Code: MHIL-2261 ¥æÏéçÖ·¤ çã‹Îè ·¤æÃØ Ñ छामावाद त्तय ·¤æÜ Course Outcomes : इस र्नाठ्यक्रम को उत्तीर्ण करर्ने के र्नश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: Ó¥æÏéçÖ·¤ çã‹Îè ·¤æÃØ Ñ छामावाद त्तय ·¤æÜÑ ×ð´ ¥™æðØ, Ïêç×Ü °ß´ ×éçQ¤ÕôÏ ·Ò¤ ·¤æÃØ ·Ò¤ ×æŠØ× âð ÀæØæßæÎ ·Ò¤ Õæî ·¤è çã‹Îè ·¤çßÐæ ×ð´ ·¤‰Ø °ß´ Öæáæ àæñÜè ·Ò¤ SÐÔU ÂÔU ¥æ° ÂçÔUßÐüÖô´ ·¤ô â×Ûæð´»ðÐ CO-2: स्वातोत्र्म त्तय Øé» ×ð´ Áñâð-Áñâð Âê´Áèßæî ·Ô¤ È¤ÜSßL¤Â Öõçì·¤ßæÎè L¤ÛæœÙô´ Ùð ÖæÚUÌèØ Áèß Ù àæñÜè, ÚUæÁÙèçì·¤ âæ×æçÁ·¤ ÃØßSÍæ, Áèß Ù ×êËØô´ ¥õÚU âæ×æçÁ·¤ â•Õ‹Îô´ ·¤ô ÂýÖæçßÐ ç·¤Øæ ßñâð -ßñâð ßð ¥ÙéÖêçÌØæ¢ ç·¤â Âý·¤æÚU Ìèßý ¥õÚU »ãÙ M¤Â ×ð´ ·¤æÃØ ×ð´ ¥çÖÃØQ¤ ãé§ü ãñ´ ©ÂØüéQ¤ ·¤çßØô´ ·¤æ ·¤æÃØ §â·¤æ Âý×æ‡æ ãñÐ CO-3: §Ö ·¤çßØô´ ·¤è ·¤çßÐæ¥ô´ ·Ò¤ ×æŠØ× âð çßlæÍèü âæçã×Ø ·Ò¤ âæ×æçÁ·¤ âÔUô·¤æÔUô´ ·¤ô â×ÕæÖð ·Ò¤ âæÍ-âæÍ ·¤çßÌæ ·Ô¤ ÙßèÙ M¤Âô´ ·¤ô ÂÉ¸ð´»ð ¥õÚU â×Ûæð´»ðÐ

Masters of Arts (HINDI) (Semester-II) Session 2019-20 Course Code: MHIL-2262 çã‹Îè âæçã×Ø ·¤æ §çÐãæâ (¹‡ÇU-दोर्ो) Course Outcomes : इस र्नाठ्यक्रम को उत्तीर्ण करर्ने के र्नश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: §çÐãæâ ·¤è ÎëçC âð âæçãç×Ø·¤ SÐÔU ·¤è ÔU¿Öæ¥ô´ ·¤æ ×êËØæ´·¤Ö ·¤ÔUÖæ âæçã×Ø ·¤æ §çÐãæâ ·¤ãÜæÐæ ãñÐ ØçÎ ¥æÏéçÖ·¤ âæçã×Ø ·Ò¤ SßM¤Â ·¤ô ÁæÖÖæ ãñ Ðô Øã ¥×Ø´Ð ¥æßàØ·¤ ãñ ç·¤ ©â·Ò¤ çß»Ð ·¤æ çßßÔU‡æ Öè ÁæÖæ Áæ°Ð CO-2: çß»Ð ·¤æ çßßÔU‡æ °ß´ ÕôÏ çÁâÖð ¥ÐèÐ ·Ò¤ Áèß Ö ·¤ô ÂýÖæçßÐ ç·¤Øæ ãô ¥õÔU ÖçßcØ ·Ò¤ çÜ° Öè â´·Ô¤Ì ãô, âæçã×Ø ·¤æ §çÐãæâ ·¤ãUÜæÐæ ãñÐ CO-3: ¥ÐÑ ßÐü×æÖ Öæáæ ¥õÔU âæçã×Ø ·ðæ çß·¤æâ ·¤ô ÁæÖÖð ·Ò¤ çÜ° Øã ÂýàÖ ÂØæ ¥çÖßæØü ãñÐ

Masters of Arts (HINDI) (Semester-II) Session 2019-20 Course Code: MHIL-2263 Âæà¿æ×Ø ·¤æÃØàææSØæ Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩंश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: ÖæÔUÐèØ ·¤æÃØàææSØæ ·Ò¤ ÂçÔU¿Ø ·Ò¤ ©ÂÔUæ´Ð §â ÂæÆUØ·ý¤× ·Ò¤ mæÔUæ çßlæÍèü Âæà¿æ×Ø ·¤æÃØàææSØæ ·Ò¤ ·ý¤ç×·¤ çß·¤æâ ·Ò¤ ¥‹Ð»üÐ ŒÜðÅUô, ¥ÔUSÐê, Üô´Áæ§Öâ âð Üð·¤ÔU ¥æÏéçÖ·¤ Øé» ×ð´ Âæà¿æ×Ø ¥æÜô¿·¤ô´ ·¤è âæçã×Ø °ß´ âæçã×Ø ·¤è â×èÿæææ âð â•Õç‹ÏÐ çßçÖóæ ÏæÔU‡æææ¥ô´ âð ¥ß»Ð ãô´»ðÐ CO-2: ¥æÏéçÙ·¤ Øé» ×ð´ Sß‘À‹ÎÐæßæÎ, ¥çSÐ×ßßæÎ, उत्तय¥æÏéçÖ·¤ÐæßæÎ §×ØæçÎ Îæàæüç Ö·¤ çß¿æÔUÏæÔUæ¥ô´ ·Ò¤ SßM¤Â ¥õÚU çßàæðáÌæ¥ô´ क जानेंगे I CO-3: ¥æÏéçÖ·¤ Øé» ·Ò¤ âæçã×Ø ÂÔU §Ö çß¿æÔU âÔUç‡æØô´ ·Ò¤ ÂýÖæß ·Ò¤ ÂçÔU‡æææ×SßL¤Â âæçã×Ø ×ð´ ¥æ° ÂçÔUßÐüÖô´ ·Ò¤ ×êËØæ´·¤Ö ·¤è Øô,ØÐæ ÂýæŒÐ ·¤ÔUÖð ×ð´ â‘æ× ãô´»ðÐ

Masters of Arts (HINDI) (Semester-II) Session 2019-20 Course Code: MHIL-2264 ×èçÇUØæ-Üð¹Ù Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩंश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: ×æçÇUØæ ·¤ô Üô·¤Ð‹Øæ ·¤æ ¿õÍæ स्तम्ब ·¤ãUæ ÁæÐæ ãñUÐ §âèâð §â·ðæ ×ãU×ß ·¤æ ¥¢¼æ•æææ Ü»æØæ Áæ â·¤Ðæ ãñUÐ CO-2: â×æÁ ×ð´ ×èçÇUØæ ·¤è Öêç×·¤æ â¢ßæ¼ ßãUÙ ·¤è ãUôÌè ãñUÐ CO-3: ¥æÏéçÖ·¤ Øé» ×ð´ ×èçÇUØæ ·¤æ âæ×æ‹Ø ¥Íü â×æ¿æÔU ÂØæ, ÂçØæ·¤æ¥ô¢, ÅUè.ßè., ÔÒUçÇUØô ß §¢ÅUÔUÖðÅU ¥æç¼ âð çÜØæ ÁæÐæ ãñUÐ ¥æÁ ×èçÇUØæU ·¤è Ðæ·¤Ð âð ·¤ô§ü ¥‹ÁæÖ ÖãUè´ ãñUÐ CO-4: §â ÂýàÖ ÂØæ ·ðæ ×æŠØ× âð çßlæÍèü çÂý¢ÅU ×èçÇUØæ ß इरेतट्रॉननक ×èçÇUØæ â¢Õ¢Ïè âñhæ¢çÐ·¤ ÁæÖ·¤æÔUè ÂýæŒÐ ·¤ÔU ×èçÇUØæ ·¤è ÕæÔUèç·¤Øô´ ·¤ô ÁæÖ·¤ÔU ÂØæ·¤æçÔUÐæ ·ðæ ‘æðØæ ×ð´ ¥»ýâÔU ãUô â·¤Ðæ ãñUÐ

Masters of Arts (HINDI) (Semester-II) Session 2019-20 Course Code: MHIL-2265 ि ैकष्ल्नक अध्ययर्न çß·¤ËÂ-एक ÙæÅU·¤·¤æÚU ×ôãÙ ÚUæ·Ô¤àæ Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩंश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: ×ôãUÖ ÔUæ·ðæàæ çãU‹¼è Á»Ð ×ð´ ·¤Öè Ö ÖêÜæ ÁæÖð ßæÜæ Öæ× ãñUÐ ©UÖ·¤è ÖæÅU,Ø·ë¤çÐØô´ âð âæçãU×Ø Ðô â×ëh ãéU¥æ ãUè, ÖæÔUÐèØ Ô¢U»×¢¿ ·¤ô Öè °·¤ Ö§ü •æ×èÖ ç×ÜèÐ CO-2: v~z} ×ð´ â¢»èÐ ÖæÅU·¤ ¥·¤æ¼×è mæÔUæ ×ôãUÖ ÔUæ·ðæàæ ·ðæ Ó¥æáæÉ¸U ·¤æ °·¤ ç¼ÖÑ ÖæÅU·¤ ·¤ô âßüŸæðcÆU ÂýSÐéçÐ·¤ÔU‡æ ·ðæ çÜ° ÂéÔUS·ë¤Ð ç·¤Øæ »ØæÐ ©Uâ·ðæ Õæ¼ âð ÖæÅU·¤ Ü»æÐæÔU ¥æ»ð ÕÉ¸UÐæ Áæ ÔUãUæ ãñUÐ CO-3: §â ÂýàÖÂØæ ·Ò¤ ×æŠØ× âð çßlæÍèü ÖæÅU·¤·¤æÔU ×ôãÖ ÔUæ·Ò¤àæ ·Ò¤ â•Âê‡æü ÖæÅU·¤ô´ ·¤æ ¥ŠØØÖ ·¤ÔUÖð ·ðæ ©UÂÔUæ‹Ð ÖæÅU·¤ô´ ·ðæ ×æŠØ× âð ×ôãUÖ ÔUæ·ðæàæ ·ðæ Áè‍ßÖ, ©Ö·Ò¤ ÖæÅ,UØ ÂýØô»ô´ ÐÍæ ©Ö·¤è ÖæÅ,UØ Öæáæ ·¤ô ÁæÖÖð, â×ÕæÖð ×ð´ â‘æ× ãô Âæ°´»ðÐ CO-4: âæÍ ãUè ßð ÙæÅU·¤ô´ ·ðæ ×êÜÂæÆU, Üð¹·¤èØ Öêç×·¤æ ¥õÚU âëÁÙ Âýç·ý¤Øæ ·ðæ सफोध ×ð´ Öè »ãUÖ ¥ŠØØÖ ·¤ÔU â·ð´¤»ðÐ

Masters of Arts (HINDI) (Semester-II) Session 2019-20 Course Code: MHIL-2265 ßñ·¤çËÂ·¤ ¥ŠØØÖ çß·¤ËÂ-दो ÖæÔUÐèØ âæçãU×Ø Course Outcomes : इस ऩा०यक्रम को उत्तीर्ण करने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: â•Âê‡æü ÖæÔUÐèØ âæçãU×Ø ·ðæ ÕæÔÒU ×ð´ ÁæÖÖð ·ðæ çÜ° ØãU ÂýàÖÂØæ â Âê‡æü ÖæÔUÐ ·¤ô ÁôÇ¸UÖð ·¤æ ·¤æ× ·¤ÔUÐæ ãñUÐ CO-2: ¥ÂÙð-¥ÂÖð 'æðØæô´ ·ðæ ¥çÐरयतत सोÂê‡æü ÖæÔUÐ ×ð´ ç·¤Ö-ç·¤Ö âæçãU×Ø·¤æÔUô´ Öð çãU‹¼è Öæáæ ¥õÔU âæçãU×Ø ×ð´ ¥ÂÖæ Øô»¼æÖ ç¼Øæ ãñU §â·¤è ÂêÔUè ÁæÖ·¤æÔUè §â ÂýàÖÂØæ ·ðæ ×æŠØ× âð ç×Üð»èÐ CO-3: ©UçÇ¸UØæ, Õ¢»Üæ ¥õÔU ×ÔUæÆUè ·ðæ ·ý¤×àæÑ ·¤çßÐæ°¢, ©UÂ‹Øæâ ¥õÔU ÖæÅU·¤ ·ðæ ¥Öéßæ¼ ×æŠØ× âð çßlæÍèü ÖæÔUÐèØ âæçãU×Ø ·¤è â×ëh ÂÔU•ÂÚUæ âð ÂçÚUç¿Ì ãUôÌæ ãñUÐ CO-4: §Ö ÐèÖô´ çßÏæ¥ô¢ ·¤æ çãU‹¼è âð ÐéÜÖæ××·¤ ¥ŠØØÖ çßlæÍèü ·¤è çßàÜðá‡æ ·¤è ¼ëçcÅU ·¤ô Öè çß·¤çâÐ ·¤ÔUÐæ ãñUÐ

Masters of Arts (HINDI) (Semester-II) Session 2019-20 Course Code: MHIL-2265 ßñ·¤çËÂ·¤ ¥ŠØØÖ çß·¤ËÂ-तीन Â¢ÁæÕ ·¤æ ¥æÏéçÖ·¤ çãU‹¼è âæçãU×Ø Course Outcomes : इस ऩा०यक्रम को उत्तीर्ण करने के ऩश्चात् विद्यार्थी नर्नमर्नाकोकत दृष्टि से योग्य होंगे : CO-1: çãU‹¼è ·¤è çßçßÏ çßÏæ¥ô¢ ·ðæ çß·¤æâ ×ð´ Â¢ÁæÕ ·¤æ Øô»¼æÖ ¥ÐéÜÖèØ ãñUÐ CO-2: §âU ÂýàÖÂØæ ×ð´ Â¢ÁæÕ ·ðæ ¥æÏéçÖ·¤ çãU‹¼è âæçãU×Ø ·¤è ÂëcÆUÖêç× ·ðæ ãUSÐæ'æÔUô´ ·¤æ ¥ŠØØÖ Öè çßlæÍèü ·¤ÔU â·ðæ»æÐ CO-3: Â¢ÁæÕ ·ðæ âæçãU×Ø·¤æÔUô´ Öð ·¤çßÐæ, ·¤ãUæÖè, ©UÂ‹Øæâ, ÖæÅU·¤ ØãUæ¢ Ð·¤ ç·¤ ÂØæ·¤æçÔUÐæ ·ðæ 'æðØæ ×ð´ âÔUæãUÖèØ Øô»¼æÙ ç¼Øæ ãñUÐ CO-4: §â ÂýàÖÂØæ ·ðæ ×æŠØ× âð Â¢ÁæÕ Âýæ‹ÐèØ çãU‹¼è âæçãU×Ø ·¤è ÁæÖ·¤æÔUè Öè ç×ÜÌè ãñU Áô çÙçà¿Ì M¤Â âð çãU‹¼èÖæáæ ¥õÔU âæçãU×Ø ·ðæ SÐÔU ·¤ô »çÔU×æ Âý¼æÖ ·¤ÔUÐè ãñUÐ

Masters of Arts (HINDI) (Semester-III) Session 2019-20 Course Code: MHIL - 3261 प्राचीन एवॊ भध्मकारीन काव्म Course Outcomes : ऩा०यक्रम का अध्ययर्न करने के उर्ऩरान्त विद्यार्थी नर्नमर्नलऱखखत ऱाभ प्राप्त कर सकते हैं : CO-1: हहन्दी के प्राचीन कववमों के सम्फन्ध भेंजानकायी प्रातत कय सकतेहैंतथा उनका हहॊदी साहहयम भेंम गदान सम्फन्धी ान प्रातत कय सकतेहै| CO-2: हहन्दी के भध्मकारीन कववमों के सम्फन्ध भेंजानकायी प्रातत कय सकतेहैंतथा बतत कववमों का हहन्दी साहहयम भेंम गदान सम्फन्धी ान प्रातत कय सकतेहै| CO-3: प्राचीन एवॊभध्मकारीन कववमों के काव्म भेंआधनुनकता फ ध केफायेभेंजानकायी प्रातत कय सकतेहैं| CO-4: प्राचीन एवॊभध्मकारीन कववमों की सास्ॊ कृनतक चेतना सम्फन्धी ान प्रातत कय सकतेहैं| CO-5:सपू ी काव्म ऩयम्ऩया की ववशेषताओॊऔय भहयव के सम्फन्ध भेंजामसी के काव्म के भहयव केववषम भें जानकायी प्रातत कय सकतेहैं|

Masters of Arts (HINDI) (Semester-III) Session 2019 -20 Course Code: MHIL-3262 आध ु ननक गद्म साहहयम Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकॉकत दृष्टि से योग्य होंगे : CO-1: आधनुनक गद्म साहहयम हहन्दी के श्रेष्ठ साहहयम का ऩरयचामक प्रश्ननत्र हैप्जसभेंभहादेवी वभायकृत 'अतीत के चरधचत्र' सॉस्भयण साहहयम के भाध्मभ सेववद्माथॉ तयकारीन स्त्री की प्स्थनत का भल्ूमाॉकन कयनेभें सभथयहोंगेऔय सॉस्भयण साहहयम ववधा क जाननेभेंसभ होंगे| CO-2: याजेन्र मादव द्वाया सम्ऩाहदत कहानी सॉग्रह 'एक दनुनमाॉसभानाॉतय' भेंसॉकभरत कहाननमों के अध्ममन से ववद्माथॉ आधुननक हहॉदी के उच्चक हट के कथाकायों के साहहप्यमक अवदान एवॉकहाननमों भेंवखणयत सभस्माओॊसे ऩरयधचत होंगे| CO-3: आधनुनक हहॉदी साहहयम का उच्चक हट का उऩन्मास 'ग दान' प्रेभचॉद की ऐसी कृनत हैप्जसके भाध्मभ से ववद्माथॉ तयकारीन सभाज की ववसॉगनतमों, सभस्माओॊसेजूझतेऩात्रों की अरक्षत साभथ्मयएवॉशप्तत सेऩरयधचत होंगे| इस प्रश्ननत्र के भाध्मभ सेववद्माधथयमों केभरए श ध केनवीन द्वाय खुरतेहैं|

Masters of Arts (HINDI) (Semester-III) Session 2019 -20 Course Code: MHIL-3263 भाषा विाान Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकॉकत दृष्टि से योग्य होंगे : CO-1: इस प्रश्ननत्र के भाध्मभ सेववद्माथॉ हहॉदी का सॉयचनायभक स्तय ऩय ाान प्रातत कय सकतेहैं| CO-2: बाषा के सही उच्चायण का कौशर प्रातत कय सकतेहैं| CO-3: सभभ के फदरतेऩरयवेश के अनसु ाय बाषा केप ऩ, वातम औय अथयऩरयवतयन की जानकायी हाभसर कय सकते हैं| CO-4: ववभबन्न बाषाओॊके व्माकयखणक स्तय ऩय तरु नायभक अध्ममन की प्रववृत्त ऩा सकतेहैं| CO-5: बाषा ववाान केववभबन्न व्माकयणों एवॉववाानों का सम्मक्अध्ममन कयनेभेंसभ ह सकते हैं|

Masters of Arts (HINDI) (Semester-III) Session 2019-20 Course Code: MHIL - 3264 ऩत्रकारयता – प्रभशण Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकॉकत दृष्टि से योग्य होंगे : CO-1: ववद्माथॉ येडडम , टी.वी, सभाचाय ऩत्र हहन्दी ववशेषग्म ,प्र ग्राभ प्र ड्मस्ू य , सॉऩादक, सॉवाददाता , अनवु ादक , प्रप्ू यीडय , केप ऩ भेंय ज़गाय प्रातत कय सकतेहैं| CO-2:इस डडतर भा सेप्रातत म ग्मता केआधाय ऩय ववद्माथॉ भीडडमा हेतुववाान,ऩटकथा,सॉवाद एवॉगीत रेखन के व्मवसाम क बी ववकल्ऩ केप ऩ भेंअऩना सकता है| CO-3: ववद्माथॉ स्वतॉत्र सॉवाददाता एवॉस्तम्ब रेखक केप ऩ भेंअऩना कै रयमय फना सकतेहैं| CO-4: ववद्माथॉ फतौय सभीक अऩनी ऩहचान फनानेभेंम ग्म होंगे|

Masters of Arts (HINDI) (Semester-III) Session 2019 - 20 Course Code: MHIL - 3265 ग ु रु नानक देव जी विकल्प – एक Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकॊकत दृष्टि से योग्य होंगे: CO-1: इस प्रश्न – ऩत्र के भाध्मभ से ववद्माथॉ भसतखों के प्रथभ गरु ु के सम्फन्ध भें जानकायी प्रातत कय सकते हैं| CO-2: गरु ु नानक जी की वाणी के सम्फन्ध भेंजानकायी प्रातत कय सकतेहैं| CO-3: गरु ु नानक जी की वाणी के भाध्मभ सेउनके ववचायों औय जीवन भेंउनके भहयव के फायेभेंजानकायी हाभसर कय सकतेहै| CO-4: गरु ु नानक जी की वाणी के भाध्मभ सेगरु ुभखु ी भरवऩ भेंयधचत हहॊदी साहहयम के प्रनत जागप क ह गें|

Masters of Arts (HINDI) (Semester-III) Session 2019-20 Course Code: MHIL - 3265 सूयदास विकल्प – दॊ Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकॊकत दृष्टि से योग्य होंगे : CO-1: सयूदास ववयधचत कृष्ण रीरा के भहयवऩाण ू य प्रसगॊ ोंं ऩय आधारयत सयस एवॊ बप्ततऩाण ू य ऩदों के भाध्मभ से बप्तत के स्वप ऩ औय साहहयम की सयसता क आयभसात कयने के भ ग्म होंगे | CO-2: भध्मममगु ीन कृष्ण बप्तत सम्प्रदाम भेंसयूदास की बप्तत बावना औय उसकेआधाय भेंननहहत दाशयननक बभूभका की सभझनेभेंसभ होंगे| CO-3: सयूकाव्म भें ननहहत सगॊ ीत, रम औय गीनत तयव की ववशषे ता क आयभसात कयने के साथ - साथ ववद्माथॉ बाषा के सौन्दमय क सभद्ृ ध फनाने वारे उऩकयण – यस, छॊद, अरॊकाय इयमाहद के व्मवहारयक उऩम ग औय सौन्दमय क सभझने भें भ ग्म होंगे | CO-4: सयूकाव्म के रीरा तयव औय कूट ऩदों के ान एवॊ यहस्म से ऩरयचम इस सन्दबय भें श ध की सम्बावनाओॊ के प्रनत ववद्माधथयओॊ क्रकन प धच प्र यसाहहत ह गी |

Masters of Arts (HINDI) (Semester-III) Session 2019 - 20 Course Code: MHIL -3265 हहन्दी कहानी विकल्प – तीर्न Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकॊकत दृष्टि से योग्य होंगे : :1-COकहानी साहहयम क आयभसात कयनेका सवयश्रेष्ठ भाध्मभ है |इस प्रश्नऩत्र भेंववद्माथॉ – वगयक कहानी के स्वप ऩ,ववकास मात्रा, कहानी केआन्द रनों एवॊसभकारीन कहानी साहहयम की ववशेषताओॊका ववस्ततृ एवॊगहन ान प्रातत ह गा | CO-2:अाेम की कहाननमों के भाध्मभ सेभहानगयीम जीवन की ववसॊगनतमों सेजझू तेभनष्ुम सेसा ायकाय कय ववद्माथॉ उनकी सभस्माओॊसेअवगत होंगे| CO-3:बीष्भ साहनी की कहाननमों के ऩरयप्रेक्ष्म भेंववद्माधथयमों के सभ ऩॊजाफ की तयकारीन प्स्थनत, ववबाजन की त्रासदी सेउयऩन्न सॊत्रास, ववदेशी वातावयण भेंअऩनी भभ्टी की भहक के दशयन होंगे| CO-4:भन्नूबॊडायी की कहाननमों के द्वाया ववद्माथॉ सभकारीन सॊदबयभेंस्त्री की प्स्थनत, आधनुनक मगु की सभस्माओॊसेद - चाय ह ती, जूझती नायी एवॊस्त्री अप्स्भता सेजुड़ेप्रश्नों का सा ायकाय कयेंगे| CO-5:सभग्रत: प्रश्नऩत्र ववद्माथॉ वगयकेभरए आगाभी श ध केभरए ज़भीन तैमाय कयता है|

Masters of Arts (HINDI) (Semester-IV) Session 2019-20 Course Code: MHIL - 4261 भध्मकारीन हहन्दी काव्म Course Outcomes : ऩाठ्यक्रम का अध्ययर्न करर्ने के उर्ऩरान्त विद्यार्थी नर्नमर्नलऱखखत ऱाभ प्राप्त कर सकते हैं : CO-1: इस प्रश्न ऩत्र भें ववद्माथॉ 'भध्ममगु ीन हहन्दी काव्म के अॊतगयत तरु सी, भीया जैसे बतत कवव औय यीनत

कवव त्रफहायी के काव्म के गढ़ू ाथय से ऩरयधचत होंगे | CO-2: याभ काव्म सम्फन्धी ान प्रातत कयते हुए तरु सीदास की सभन्वम साधना, र कनामकयव, बप्तत बावना एवॊ दाशयननक भसद्धान्तों का गहन अध्ममन कयने भें सभथय होंगे | CO-3: भीयाफाई के काव्म के अध्ममन से ववद्भाथॉ उनकी बप्तत बावना, दाशयननक भसद्धाॊत एवॊ काव्म सौष्ठव का ान प्रातत कयेंगे | CO-4: यीनतकारीन कवव त्रफहायी की सतसई के गहन अध्ममन से ववद्भाथॉ सतसई भें वखणयत बप्तत, नीनत, श्रॊगृ ाय से सफॊ धॊ धत त्रफहायी के अभबधाथय, रक्ष्भाथय एवॊ व्मॊग्भाथय क सभझेंगे | CO-5: सभग्रत: भध्मगु ीन बप्तत काव्म ववद्भाधथभय ोॊ क नवीन श ध हेतुप्रेरयत कयने भें सभ ह गा |

Masters of Arts (HINDI) (Semester-IV) Session 2019 - 20 Course Code: MHIL - 4262 आध ु ननक गद्म साहहयम Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करनें के ऩश्चात् विद्यार्थी नर्नमर्नाकॊकत दृष्टि से योग्य होंगे : CO-1: मह प्रश्नऩत्र साहहयम की वववधध वधधाओॊसेऩरयधचत कयाता है | मह ननफॊध, नाटक एवॊआयभकथा साहहयम की त्रत्रवेणी हैप्जसभेस्नात ह कय ववद्भाथॉ अऩनेान क सम्ऩष्ुट कयता है| CO-2: ववभबन्न ननफॊधकायों केननफॊधों भेंसाहहप्यमकता, व्मॊग्म, सस्ॊ कृनत एवॊसभ्मता का ऩटु भभरता है| CO-3: 'आधे–अधूये' के भाध्मभ सेन के वर भ हन याके श अवऩतुउनकी ऩाम दृप्ष्ट, यॊगभॊचीमता एवॊजीवन के आधे– अधूयेऩन की त्रासदी सेववद्भाथॉ ऩरयधचत होंगेइस कृनत के भाध्मभ सेवेनाटककाय के दृप्ष्टक ण सेबी ऩरयधचत होंगे| CO-4: आयभकथा – 'सयम के प्रम ग' के भाध्मभ सेववद्भाधथयमों क याष्ट्रवऩता भहायभा गाॉधी के जीवन के सक्ष्ूभ दशयन होंगेऔय साथ ही याष्ट्र केभरए गाॉधी द्वाया क्रकमेगए प्रमासों एवॊउनके यभाग सेवेप फप होंगे| CO-5: तीन ववधाऐॊववद्भाधथयमों केभरए साहहयम के भागयऩय अग्रसय ह नेकेभरए उनकेआधायबभूभ तैभाय कयती हैं|

Masters of Arts (HINDI) (Semester-IV) Session 2019 - 20 Course Code: MHIL – 4263 हहॊदी बाषा औय देवनागयी भरवऩ Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करनें के ऩश्चात् विद्यार्थी नर्नमर्नाॊककत दृष्टि से योग्य होंगे : CO-1: हहॊदी बाषा के उद्बव औय ववकास के साथ – साथ हहॊदी की ववभबन्न फ भरमों/ववबाषाओॊ का ान | CO-2: हहॊदी की व्माकयखणक क हटमों के अध्ममन से बाषा के व्माकयखणक आधाय क सभझने की म ग्मता का ववकास | CO-3: हहॊदी की शब्द सम्ऩदा के अन्तगयत तयसभ, तद्बव, तद्बव, देशज, ववदेशी शब्दों- अयफी, पायसी, उदय,ू अग्रॊेजी के शब्दों के ऩरयचम से हहदॊ ी की बाषामी'भता एवॊ आयभसातीकयण की प्रववृत्त का फ ध | CO-4: देवनागयी भरवऩ की ववशेषताओॊ औय हहॊदी बाषा के भानक प ऩ का ान |

Masters of Arts (HINDI) (Semester-IV) Session 2019-20 Course Code: MHIL-4264 याजबाषा प्रभशण Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करनें के ऩश्चात् विद्यार्थी नर्नमर्नाकॊकत दृष्टि से योग्य होंगे : CO-1: फहुबाषी देश बायत भेंसम्ऩकय बाषा केप ऩ भेंहहॊदी के भहयव का फ ध | CO-2: कामायरमी एवॊ प्रशासननक बाषा के प ऩ भें हहदॊ ी की प्रकृनत का ान | CO-3: फतौय याजबाषा हहॊदी के उद्बव औय ववकास का ऩरयचम | CO-4: याजबाषा हहॊदी के ववकास के भरए ववभबन्न सॊस्थाओॊ, कें र एवॊ याज्म सयकायों के ववभबन्न भॊत्रारमों के द्वाया क्रकमे जा यहे प्रमयनों

की जानकायी | CO-5: बभू ण्डरीकयण के ऩरयप्रेक्ष्म भैं वप्श्वक स्तय ऩय हहॉदी के साभथ्मय एवॉ बववष्म की जानकायी | Masters of Arts (HINDI) (Semester-IV) Session 2019 -20 Course Code: MHIL - 4265 उत्तर काव्यर्धारा के सर्दॉ भण में ग ु रु तगे बहार्दरु जी की ि ार्ी का सा ॉस्क ृ नतक अध्ययर्न विकल्प-एक Course Outcomes : इस ऩाठ्यक्रम को उत्तीर्ण करर्ने के ऩश्चात् विद्यार्थी नर्नमर्नाकॉकत दृष्टि से योग्य होंगे : CO-1: गरुु काव्म ऩयम्ऩया भेंगरुु तेग फहादयु जी केम गदान का ऩरयचम | CO-2: गरुु तगे फहादयु जी केकाव्म के दाशयननक धचन्तन के व्माख्मायभक ऩ की अनबु नू त | CO-3: गरुु तगे फहादयु जी की वाणी के सास्ॉ कृनतक ऩ के दशयन | CO-4: गरुु तगे फहादयु जी की वाणी भेंअद्वैत दशयन | CO-5: वाणी के भाध्मभ सेगरुु काव्म ऩयम्ऩया एवॉआहद ग्रॉथ के सभन्वमायभक सॉदेश सेसा ायकाय | CO-6: वाणी के भाध्मभ सेतयकारीन सन्दबों का सक्ष्ूभ अध्ममन |