The Heritage Institution

KANYA MAHA VIDYALAYA, JALANDHAR

(An Autonomous College)

Session 2025-26

Proceedings of 10th Meeting of Board of Studies

FACULTY OF COMPUTER SCIENCE & I.T.

Date: May 31,2025

Time: 11:00 a.m.

Online through: Zoom Cloud Meeting

KANYA MAHA VIDYALAYA, JALANDHAR
(UGC Autonomous College)
PG Department of Computer Science & Applications

Minutes of the Tenth Meeting of Board of Studies held on May 31, 2025

The Tenth Meeting of the Board of Studies was held through the zoom cloud meeting.

Date: Saturday 31.05.2025
Time: 11:00 a.m.
Venue: Online Meeting using Zoom Cloud Meetings.
Following Members of the Board of Studies have attended the meeting and the detailed minutes are listed below:

Members of BOS:

1.	Dr. Suman Khurana (Head) PG Department of Computer Science & Applications Kanya Maha Vidyalaya, Jalandhar	Chairperson
2.	Dr. Sandeep Sharma (Professor and Head) Department of Computer Engineering & Technology Guru Nanak Dev University, Amritsar**(University Nominee)**	Member
3.	Dr. Kawaljeet Singh (Director) University Computer Centre Punjabi University, Patiala **(Outside Parent University Nominee)**	Member
4.	Dr. A. L. Sangal (Professor and Head) Department of Computer Science and Engineering Dr B R Ambedkar National Institute of Technology, Jalandhar **(Outside Parent University Nominee)**	Member
5.	Mr. Gaurav Chief Technical Officer O7 Services, Jalandhar**(Industry Expert)**	Member
6.	Ms. Vibhuti Malhotra Senior QA , APEXA Corp , USA **(Alumni Nominee)**	Member
7.	Dr. Pardeep Arora (Assoc. Prof.) Department of Computer Science & Applications, KMV	Member
8.	Dr. Ravi Khurana (Assoc. Prof.) Department of Computer Science & Applications, KMV	Member
9.	Dr. Nitin Khanna (Assistant Prof.) Department of Computer Science & Applications, KMV	Member
10.	Ms. Vandana Sharma (Assistant Prof.) Department of Computer Science & Applications, KMV	Member

The Meeting started with a series of morning greetings to one another. Dr. Suman Khurana welcomed each member, extended her gratitude for their consent and time. She apprised the house that Team KMV is continuously working for the betterment of its students in the best possible ways. The members were very appreciative about the rich legacy of women's empowerment and academic leadership at KMV that stands uniquely to deliver highly prestigious Programs that are not just relevant — but revolutionary. Dr. Suman Khurana conveyed that the team has planned all curriculum keeping in view NEP 2020 implementation, UGC's Continuous Evaluation Grading System and Learning Outcomes-based Curriculum Framework, and very politely obtained their consent to start with the Agenda Items of Tenth Meeting of BOS to discuss the schemes and syllabi of all programs and Courses in detail.

Item: Comp. Sc.10: 2025: 1

To confirm the Proceedings of ninth meeting held on July 13, 2024 and to discuss the Action Taken Report of the said meeting.

Agenda No.	Agenda Item	Decision Taken in Meeting	Action Taken
Item: Comp. Sc.9: 2024:2	To discuss and approve the syllabi of following classes - • M.Sc. (CS) Sem I to IV • M.Sc. (IANS) Sem I to II for the session 2024-25 under Credit based continuous Evaluation grading system	Experts discussed the syllabi in entirety; they were happy to see the requirement of Students' publication and ID courses being offered. Scheme/syllabi was discussed in detail.	The course schemes were approved and implemented in proportion of 70-30 for semester I and II.
Item: Comp. Sc. 9 : 2024:3	To discuss and approve the syllabi of Post Graduate Diploma in Computer Applications for the session 2024-25 under Credit based Continuous Evaluation Grading system	It was suggested to add the Minor Project of 4 credits.	The suggested changes were made (Minor Project of 4 credits) and implemented in proportion of 70-30.

Item: Comp. Sc. 9: 2024-:4	To discuss and approve the DSCs, SECs of BCA Hons. and BSc Hons. IT Sem I and Sem II of the batch 2024-28 (Under NEP 2020 guidelines).	As per the guidelines of NEP 2020 for 4 years BCA and BSc(IT) Programs, it was discussed to include SECs, VALs and MDCs as specified by the Parent University - GNDU Amritsar. Exit options NHEQF Level 7 and NHEQF Level 8 were discussed.	DSCs ,SECs and VAC were made an important part of the scheme – total 29 credits for Sem I and 26 credits for Sem II were approved (under the proportion of 70-30) and implemented.
Item: Comp. Sc. 9: 2024:5	To discuss and approve the syllabi of : • BCA and BSc(IT) Sem III and IV under Credit based Continuous Evaluation Grading System. • BCA and BSc (IT) Sem V and VI under Continuous Evaluation System.	• BCA and BSc(IT) Syllabi were thoroughly discussed and approved.	The approved syllabi were implemented.
Item: Comp. Sc. 9: 2024:6	To discuss and approve the syllabi of DCA Sem I and II under Credit based Continuous Evaluation Grading System.	It was discussed to add the Course on Minor Project for 4 credits.	The approved syllabi were implemented in proportion of 70-30.
Item: Comp. Sc. 9: 2024:7	To discuss and approve the syllabus of additional / optional paper - Specialization subject for **BSc Hons. IT and BCA Hons** : Semester I and II under NEP guidelines - Credit based Continuous evaluation grading system with 70-30 weightage , Sem III and IV under Credit based continuous evaluation grading system with 80-20 weightage, and Sem V and VI under Continuous Evaluation System.	Syllabi was thoroughly discussed for Sem I & II with 70-30 weightage, III & IV with 80-20 weightage, and V& VI were discussed under continuous evaluation system for Additional/Optional Paper – one in each semester for those students who take up the additional/Optional course in Data Science in BSc(IT) and BCA.	The approved syllabi was implemented.
Item: Comp Sc.9: 2024:8	To discuss and approve the syllabi of Computer Science / Computer Applications Sem I and Sem II (under NEP 2020) as an elective subject of BA/BSc Hons. for the session 2024-25 under Credit based Continuous Evaluation grading System , Sem III & IV under Credit based	As per the guidelines of NEP 2020, the proposed syllabus of Bachelor of Arts Hons. / Bachelor of Science (Computer Science) Hons./ Bachelor of Science (Economics) Hons. Semester I - II under Credit based Continuous Evaluation Grading System for the session	The approved syllabi were implemented.

	Continuous Evaluation grading System, and Sem V & VI under Continuous Evaluation System.	2024-25 with proportion of 70-30 was discussed and approved. Sem III & IV under Credit based Continuous Evaluation grading System with proportion of 80-20 , and Sem V & VI under Continuous Evaluation System were discussed and approved.	
Item: Comp Sc.9: 2024:9	To discuss and approve the syllabi of Computer as a subject for interdisciplinary classes: ID Course – Basics of Computer Applications as a choice based Course for interdisciplinary PG Programs MSc(Chemistry) sem I MSc(Zoology) Sem I MSc(Economics) Optional Paper of Computer. MCom(FYIP) Sem I MCom Sem IV MSc(Maths) FYIP Sem I & II MSc(Maths) FYIP Sem III & IV BBA(Hons.)/BBA Hons. Airlines and Airport Management Sem I BSc(Hons) Home Sc. Sem I BSc (Hons) MLT Sem II BVoc Sem I- All for Computer Applls.Sem I BVoc(NEH)SemV & VI BVoc(H&T) Sem II BVoc(MSP) Sem IV BCom(Pass and Hons)Sem I And any need based Computer Paper as per requirement.	The Proposed syllabi of Computer papers under various departments – Interdisciplinary were discussed and approved.	The approved syllabi were implemented.
Item: Comp Sc.9: 2024:10	To discuss and approve the syllabus of Certificate Courses: • Data Analytics with Power Bi and Tableau • Creative Design for the session 2024-25 under Credit based Continuous Evaluation Grading system.	The experts were happy to know the existence of such certificate courses.	The approved syllabi were implemented.

Item: Comp Sc. 9: 2024:11	To intimate the BOS members about the results of the Programs run by the department.	The members were happy and highly satisfied.	Esteemed members appreciated the faculty.
Item: Comp Sc. 9: 2024:12	To intimate the BOS members about existing teaching methodologies and innovative practices followed.	The members were very happy and satisfied to know about innovative methods adopted	Esteemed members appreciated the faculty.
Item: Comp Sc. 9: 2024:13	To discuss the outcome of stated courses and all the course schemes of running programs.	BOS members were satisfied, they approved.	Esteemed members were appreciative.
Item: Comp Sc. 9:2024: 14	To discuss and approve list of proposed paper setters, examiners and evaluators for all the classes Sem I to VI- all courses/ Subjects mentioned above for Session 2024-25.	List of Paper setters, examiners and evaluators was approved.	List of Paper setters, examiners and evaluators was sent to the COE office.
Item: Comp Sc. 9 : 2024: 15	To discuss the activities and plans of Department for Session 2023-24.	BOS members were satisfied, they approved.	Esteemed members were appreciative. The Proposed activities have been carried out.

Proceedings: The Proceedings of Nineth meeting of BOS had been approved; the experts gave their consent via email. The chairperson however, again put up the summary of the proceedings and the house members gave their consent.

Item: Comp. Sc. 10: 2025:2

To discuss the proposed syllabi of following Post Graduate classes under Credit based Continuous Evaluation Grading System:

- Master of Computer Applications Semester I – IV for the Batch 2025-27 (BOS already conducted under 10-A Meeting).

(Annexure A-1)

- Master of Science (Computer Science) Semester I – IV for the Session 2025-26.

(Annexure A-2)

Annexure A-1

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DEGREE PROGRAMME

MASTER OF COMPUTER APPLICATIONS (MCA) 2025-27

SEMESTER-I

S. No.	Course No.	Title	L	T	P	Cr	Marks
1	MCAL-101	Design and Analysis of Algorithm	4	0	0	4.0	100
2	MCAL-102	Web Technologies	4	0	0	4.0	100
3	MCAL-103	Data Science Foundation	4	0	0	4.0	100
4	MCAL-104	Probability and Statistical Techniques	4	0	0	4.0	100
5		General Elective – I	4	0	0	4.0	100
6	MCAP-108	Programming Lab based on Web Technologies	0	0	2	2.0	50
7	MCAP-109	Programming Lab based on Data Science	0	0	2	2.0	50
8	MCAB-110	Fundamentals of Computers* (Bridge Course)	2	0	0	2.0	50
9	MCAB-111	Programming in C* (Bridge Course)	2	0	0	2.0	50
		Total				**24.0**	**600**

***Not mandatory for all students, refer to MCA eligibility for this course.**

Options for Elective – I							
1	MCAL-105	Advanced Computer Graphics					
2	MCAL-106	Information Security					
3	MCAM-107	Skill oriented MOOCS*					

*Skill Oriented MOOCS courses can be explored on Swayam Portal and other websites offering MOOCS with at least 4 credits, otherwise Dept. will provide a list of available MOOCS Courses.

SEMESTER-II

S. No.	Course No.	Title	L	T	P	Cr	Marks
1.	MCAL-201	Full Stack Development	4	0	0	4.0	100
2.	MCA-L202	Advanced Database Management System	4	0	0	4.0	100
3.	MCAL-203	Machine Learning	4	0	0	4.0	100
4.	MCAL-204	Software Project Management	4	0	0	4.0	100
5.		General Elective – II	4	0	0	.4.0	100
6.	MCAP-208	Programming Lab based on Advance Database Management System	0	0	2	2.0	50
7.	MCAL-209	Programming Lab based on Full Stack Development	0	0	2	2.0	50
8.	MCAL-210	Universal Human Values, Understanding Harmony (Value Added Course)	2	0	0	2.0	50
		Total	**22**		**4**	**26.0**	**650**

Options for Elective - II							
1	MCAL-205	Big Data Analytics and Business Intelligence					
2	MCAL-206	Theory of Computation					
3	MCAM-207	Skill oriented MOOCS					

*Skill Oriented MOOCS courses can be explored on Swayam Portal and other websites offering MOOCS with at least 4 credits, otherwise Dept. will provide a list of available MOOCS Courses.

SEMESTER-III

S. No.	Course No.	Title	L	T	P	Cr	Marks
1	MCAL-301	Advanced Programming Concepts	4	0	0	4.0	100
2	MCAL-302	Image Processing	4	0	0	4.0	100
3	MCAL-303	Deep Learning	4	0	0	4.0	100
4	MCAL-304	Optimization Techniques	4	0	0	4.0	100
5.		General Elective – III	4	0	0	4.0	100
6	MCAP-308	Capstone Project	0	0	4	4.0	100
7	MCAP-309	Programming Lab based on Advanced Programing Concepts	0	0	2	2.0	50
		Total	**20**	**0**	**6**	**26.0**	**650**

Options for Elective- III							
1	MCAL-305	Advance Computer Architecture					
2	MCAL-306	DevOps					
3	MCAM-307	Skill oriented MOOCS					

*Skill Oriented MOOCS Courses can be explored on Swayam Portal and other websites offering MOOCS with at least 4 credits, otherwise Dept. will provide a list of available MOOCS Courses.

SEMESTER-IV

S. No.	Course No.	Title	L	T	P	Cr	Marks
1	MCA-401	Industrial Training/ Dissertation. / Project	-	-	-	24	600
		Total	-	-	-	24	600
Grand Total of All Semesters						**100**	**2500**

Proceedings - Annexure A-1 - BOS Members were very appreciative. They conveyed about Master of Computer Applications – Meeting 10 A that It is both an honour and a privilege to be part of 10th (A) Board of Studies meeting - and more significantly - to witness the formal academic birth of the MCA program at Kanya Maha Vidyalaya, Jalandhar. They conveyed that while approving the MCA syllabus, they are looking at this curriculum not as a static document, but as a living breathing academic contract - one that must respond to the needs of learners, the pulse of the industry, and the direction of national educational reforms. They were happy to see the addition of MOOCs and elective courses per semester and incorporating a course related to software project management. They were contented to know the refinement of PSOs/COs as per the Bloom's Taxonomy. So they approved the syllabi as it aligned well with NEP 2020 - Holistic Learning, Industry relevant curriculum, Academic flexibility and future readiness, and they suggested some improvements that the department should consider - innovation and entrepreneurship, soft skills, research & publications and the feedback mechanism.

Annexure A-2

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DEGREE PROGRAMME

Master of Science (Computer Science) (Session 2025-26)

Credit Based Continuous Evaluation Grading System (CBCEGS)

Master of Science (Computer Science) Semester - I										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
MCSL-1111	Advanced Data Structures	C	3-1-0	3-1-0	4	100	70	-	30	3
MCSL-1112	Advanced Computer Architecture	C	3-1-0	3-1-0	4	100	70	-	30	3
MCSL-1113	Network Security Practices	C	3-1-0	3-1-0	4	100	70	-	30	3
MCSL-1114	Discrete Structures	C	3-1-0	3-1-0	4	100	70	-	30	3
MCSL-1115	Artificial Intelligence	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSP-1116	Lab on Advanced Data Structures	C	0-0-6	0-0-3	3	100	-	70	30	3
	** Student can opt any one of the following Interdisciplinary courses	IDE			4	100	70		30	3

	Total				23	600				

**** List of Interdisciplinary Courses as per student's own choice and decision (Not compulsory):**

Option 1 - Effective Communication Skills (IDEC-1101)
Option 2 –Basics of Music (Vocal) (IDEM-1362)
Option 3 - Human Rights and Constitutional Duties (IDEH-1313)
Option 4 - Indian Heritage: Contribution to the world (IDEW-1275)

Note: C – Compulsory, IDE-Interdisciplinary Elective Courses

****Grade points of these courses will not be included in the SGPA/CGPA of Semester/ Programme.**

NOTE: The ID Course opted in Semester I, can't be opted in Semester III

Master of Science (Computer Science) Semester - II

Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
MCSL-2111	Theory of Computation	C	3-1-0	3-1-0	4	100	70	-	30	3
MCSL-2112	Image Processing	C	3-1-0	3-1-0	4	100	70	-	30	3
MCSL-2113	Advanced Programming Concepts	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-2114	Cloud Computing	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-2115	Distributed Database Systems	C	3-1-0	3-1-0	4	100	70	-	30	3
MCSP-2116	Lab on Advanced Programming Concepts	C	0-0-6	0-0-3	3	100	-	70	30	3
	Total				23	600				

Note: C – Compulsory

Master of Science (Computer Science) Semester – III										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
MCSL-3111	Data Mining and Data Warehousing	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-3112	System Software	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-3113	Advanced Web Technologies	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-3114	Design and Analysis of Algorithms	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-3115	Software Testing	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSP-3116	Lab on Advanced Web Technologies	C	0-0-6	0-0-3	3	100	-	70	30	3
	** Student can opt any one of the following Interdisciplinary courses	IDE			4	100	70		30	3
	Total				23	600				

**** List of Interdisciplinary Courses**

Option 1 - Effective Communication Skills (IDEC-3101)

Option 2 – Basics of Music (Vocal) (IDEM-3362)

Option 3 - Human Rights and Constitutional Duties (IDEH-3313)

Option 4 - Indian Heritage: Contribution to the world (IDEW-3275)

Note:

C – Compulsory, IDE-Interdisciplinary optional Courses

****Grade points of these courses will not be included in the SGPA/CGPA of Semester/ Programme.**

NOTE: The ID Course opted in Semester I, can't be opted in Semester III

Master of Science (Computer Science) Semester – IV										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
MCSL-4111	Advanced Software Engineering	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-4112	Microprocessor and Its Applications	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSL-4113	Foundation of Statistical Computing	C	4-0-0	4-0-0	4	100	70	-	30	3
MCSP-4114	Lab on Foundation of Statistical Computing	C	0-0-6	0-0-3	3	100	-	70	30	3
MCSD-4115	Dissertation	C	0-0-12	0-0-6	6	200	-	140	60	6
	Total				21	600				

Note:

C - Compulsory

Proceedings - Annexure A-2: Master of Science (Computer Sc.) Semester I – IV for the Session 2025-26 was discussed and passed.

Item: Comp. Sc.10: 2025:3

To discuss the proposed syllabi of PG Diploma in Computer Applications for the session 2025-26 under Credit Based Continuous Evaluation Grading System.

- Post Graduate Diploma in Computer Applications Semester I - II **(Annexure B)**

Annexure B

SCHEME AND CURRICULUM OF EXAMINATIONS OF

One Year Post Graduate Diploma in Computer Applications

Credit Based Continuous Evaluation Grading System (CBCEGS)

(Session 2025-26)

Post Graduate Diploma in Computer Applications Semester - I										
Course Code	**Course Title**	**Course Type**	**Hours Per Week L-T-P**	**Credits**		**Marks**				**Examination time (in Hours)**
				L-T-P	**Total**	**Total**	**Th**	**P**	**CA**	
PCAL-1111	PC Computing-I (Back Office Operations)	C	4-0-0	4-0-0	4	100	70	-	30	3
PCAL-1112	Internet and Web Designing	C	4-0-0	4-0-0	4	100	70	-	30	3
PCAL-1113	Fundamentals of Computer and Operating System	C	4-0-0	4-0-0	4	100	70	-	30	3
PCAL-1114	Programming in Python	C	4-0-0	4-0-0	4	100	70	-	30	3
PCAP-1115	Lab on PC Computing-I and Web Designing	C	0-0-4	0-0-2	2	50	-	35	15	3
PCAP-1116	Lab on Programming in Python	C	0-0-4	0-0-2	2	50	-	35	15	3
TOTAL CREDITS				20		500				

Note: C- Compulsory Course

Post Graduate Diploma in Computer Applications Semester – II										
Course Code	**Course Title**	**Course Type**	**Hours Per Week L-T-P**	**Credits**		**Marks**				**Examination time (in Hours)**
				L-T-P	**Total**	**Total**	**Th**	**P**	**CA**	
PCAL-2111 (Option (I))	Introduction to Cyber Security	O	4-0-0	4-0-0	4	100	70	-	30	3
PCAL-2112	Network Concepts	C	4-0-0	4-0-0	4	100	70	-	30	3
PCAL-2113	Database Management System	C	4-0-0	4-0-0	4	100	70	-	30	3
PCAP-2114	Lab on PC Computing-II (Professional DTP)	C	0-0-4	0-0-2	2	50	-	35	15	3
PCAP-2115	Lab on Database Management System	C	0-0-4	0-0-2	2	50	-	35	15	3
PCAD-2116	Minor Project	C	0-0-8	0-0-4	4	100	-	70	30	3
TOTAL CREDITS				20		500				

List of Optional PCAL-2111:
Option (I): Introduction to Cyber Security
Option (II): E-Commerce

Note:
C- Compulsory Course
O-Optional Course

Proceedings - Annexure B: Post Graduate Diploma in Computer Applications Semester I – II for the Session 2025-26 was discussed and passed.

Item: Comp. Sc.10: 2025:4

To discuss the proposed syllabi – DSCs, AECs, MDCs, VACs of the following Programs - batch wise (12+4 System of Education under NEP 2020) under Credit Based Continuous Evaluation Grading System – Session 2025-26 Sem I to IV:

- Bachelor of Computer Applications (Hons.) **(Annexure C-1)**
- Bachelor of Science (Hons.) Information Technology **(Annexure C-2)**

Annexure C-1

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE/FOUR YEAR DEGREE PROGRAMME

Bachelor of Computer Applications ((Three Year Degree Programme)

Bachelor of Computer Applications (Honours) (Four Year Degree Programme)

Credit Based Continuous Evaluation Grading System (CBCEGS)
(Session 2025-26)

Bachelor of Computer Applications /Bachelor of Computer Applications (Honours) Semester - I										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BCAL-1421 / BCAL-1031/ BCAL-1431	Punjabi (Compulsory) / [1] Basic Punjabi/ [2]Punjab History and Culture	C	4-0-0	4-0-0	4	100	70	-	30	3
BCAM-1102	Communication Skills in English - I	AEC	3-0-2	3-0-1	4	100	50	20	30	3+3
BCAL-1113	Digital Electronics	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-1114	Introduction to Programming – C	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-1115	Introduction to Computers and Information Technology	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAP-1116	Lab on Programming – C	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BCAP-1117	Lab on Office Package	DSC	0-0-4	0-0-2	2	50	-	35	15	3

BCAM-1110	Introduction to the Internet	SEC	2-0-2	2-0-1	3	100	40	30	30	3+3
VACF-1491	*Foundation Course	VAC	2-0-0	2-0-0	2	50	35	-	15	1
	Total				29	750				

Note:
C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course AEC – Ability Enhancement Course, VAC – Value Added Course
[1] Special course in lieu of Punjabi (Compulsory)
[2] Special course in lieu of Punjabi (Compulsory) for those students who are not domicile of Punjab.
***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

Bachelor of Computer Applications (Honours) Semester - II										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BCAL-2421/ BCAL-2031/ BCAL-2431	Punjabi (Compulsory) [1]Basic Punjabi [2] Punjab History and Culture	C	4-0-0	4-0-0	4	100	70	-	30	3
BCAM-2102	Communication Skills in English - II	MDC	3-0-2	3-0-1	4	100	50	20	30	3+3
BCAL-2113	Computer Architecture	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-2114	Database Management System	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-2115	Introduction to Object Oriented Programming-I	DSC	4-0-0	4-0-0	4	100	70	-	30	3

BCAP-2116	Lab on Database Management System	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BCAP-2117	Lab on Object Oriented Programming - I	DSC	0-0-4	0-0-2	2	50	-	35	15	3
VACD-2161	*Drug Abuse: Problem, Management and Prevention (Compulsory)	VAC	2-0-0	2-0-0	2	50	35	-	15	3
	Total				26	650				

Note:

C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course
MDC – Multi Disciplinary Course, VAC – Value Added Course

[1] Special course in lieu of Punjabi (Compulsory)

[2] Special course in lieu of Punjabi (Compulsory) for those students who are not domicile of Punjab.

*** Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

Bachelor of Computer Applications /Bachelor of Computer Applications (Honours) Semester - III										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BCAL-3111	Advanced Database Management System	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-3112	Computational Problem Solving	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-3113	Numerical Methods and Statistical Techniques	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-3114	Management Information System	MDC	4-0-0	4-0-0	4	100	70	-	30	3
BCAP-3115	Lab on Computational Problem Solving	DSC	0-0-4	0-0-2	2	50	-	35	15	3

BCAP-3116	Lab on Advanced Database Management System	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BCAI-3117	Internship	C	0-0-4	0-0-2	2	50	-	50	-	-
BCAM-3110	Data Analysis using Spreadsheets and Tableau	SEC	2-0-2	2-0-1	3	100	40	30	30	3+3
VACG-3531	* Gender Sensitization	VAC	2-0-0	2-0-0	2	50	35	-	15	1
	Total				27	700				

Note:

C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course
MDC – Multi-Disciplinary Course, VAC – Value Added Course

***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

Internship with Local/Public/Private Industry/Business Organization either offline or online /MOOCs/Certification from recognized institution – Internship either offline or online or Certification – not to be less than 2months/60 hours /MOOCs not to be less than 8 weeks. The requisite certificates to be submitted to the HoD by November 15 of the concerned year.

Bachelor of Computer Applications /Bachelor of Computer Applications (Honours) Semester - IV										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BCAL-4111	Data Structures	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-4112	Computer Networks	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-4113	Web Designing and Development	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BCAL-4114	Applied and Discrete Mathematics	DSC	4-0-0	4-0-0	4	100	70	-	30	3
	Effective Soft Skills	AEC	2-0-4	2-0-2	4	100	40	30	30	3+3

BCAP-4115	Lab on Data Structures	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BCAP-4116	Lab on Web Designing and Development	DSC	0-0-4	0-0-2	2	50	-	35	15	3
VACE-4221	* Environmental Studies (Compulsory)	VAC	1-0-2	1-0-1	2	50	20	15	15	3+3
	Total				24	600				

Note:
C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course
AEC – Ability Enhancement Course, VAC – Value Added Course
Note:
***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

(Note: Important Guidelines and general allocation regarding SECs , AECs, VACs, MDCs etc. - to be followed as per the norms of Parent University)

Proceedings - Annexure C-1: Bachelor of Computer Applications (Hons.) Semester I – IV for the Session 2025-26 was discussed and passed by the house. The Experts asked about the difference in the course content of two database related courses which was presented to showcase that the first course deals with SQL while the advanced DBMS course deals with NoSQL. They were much satisfied for courses like SECs, AECs, VACs, MDCs etc.

Annexure C-2

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE/FOUR YEAR DEGREE PROGRAMME

Bachelor of Science (Information Technology) - Three Year Degree Programme

Bachelor of Science (Honours) Information Technology - Four Year Degree Programme

(Under Credit Based Continuous Evaluation Grading System)

Session 2025-26

Bachelor of Science (Information Technology) /Bachelor of Science (Honours) Information Technology Semester - I										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BITL-1421 /	Punjabi (Compulsory) /	C	4-0-0	4-0-0	4	100	70	-	30	3

BITL-1031/ BITL-1431	[1] Basic Punjabi/ [2]Punjab History and Culture									
BITM-1102	Communication Skills in English - I	AEC	4-0-0	4-0-0	4	100	50	20	30	3+3
BITL-1113	Digital Electronics	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-1114	Introduction to Programming – C	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-1115	Fundamentals of Computers	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITP-1116	Lab on Programming – C	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BITP-1117	Lab on Office Package	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BITM-1110	Introduction to the Internet	SEC	2-0-2	2-0-1	3	100	40	30	30	3+3
VACF-1491	*Foundation Course	VAC	2-0-0	2-0-0	2	50	35	-	15	3
	Total				29	750				

Note:

C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course AEC – Ability Enhancement Course, VAC – Value Added Course

[1] Special course in lieu of Punjabi (Compulsory)

[2] Special course in lieu of Punjabi (Compulsory) for those students who are not domicile of Punjab.

***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

Bachelor of Science (Information Technology) /Bachelor of Science (Honours) Information Technology Semester - II										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BITL-2421/ BITL-2031/ BITL-2431	Punjabi (Compulsory) [1]Basic Punjabi [2] Punjab History and Culture	C	4-0-0	4-0-0	4	100	70	-	30	70
BITM-2102	Communication Skills in English-II	MDC	3-0-2	3-0-1	4	100	50	20	30	3+3
BITL-2113	Computer Networks	DSC	3-1-0	3-1-0	4	100	70	-	30	3
BITL-2114	Database Management System	DSC	3-1-0	3-1-0	4	100	70	-	30	3
BITL-2115	Introduction to Object Oriented Programming-I	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITP-2116	Lab on Database Management System	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BITP-2117	Lab on Object Oriented Programming - I	DSC	0-0-4	0-0-2	2	50	-	35	15	3
VACD-2161	*Drug Abuse: Problem, Management and Prevention (Compulsory)	VAC	2-0-0	2-0-0	2	50	35	-	15	3
	Total				26	650				

Note:
C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course
MDC –Multi Disciplinary Course, VAC – Value Added Course

[1] **Special course in lieu of Punjabi (Compulsory)**
[2] **Special course in lieu of Punjabi (Compulsory) for those students who are not domicile of Punjab.**
*** Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

Bachelor of Science (Information Technology) /Bachelor of Science (Honours) Information Technology

Semester - III

Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
BITL-3111	Computational Problem Solving	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-3112	Advanced Database Management System	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-3113	Numerical Methods and Statistical Techniques	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-3114	E-Business	MDC	4-0-0	4-0-0	4	100	70	-	30	3
BITP-3115	Lab on Computational Problem Solving	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BITP-3116	Lab on Advanced Database Management System	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BITI-3117	Internship	C	0-0-4	0-0-2	2	50	-	50	-	-
BITM-3110	Data Analysis using Spreadsheet and Tableau	SEC	2-0-2	2-0-1	3	100	40	30	30	3+3
VACG-3531	*Gender Sensitization	VAC	2-0-0	2-0-0	2	50	35	-	15	1
	Total				27	700				

Note:

C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course
MDC – Multi-Disciplinary Course, VAC – Value Added Course
***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**
Internship with Local/Public/Private Industry/Business Organization either offline or online /MOOCs/Certification from recognized institution – Internship either offline or online or Certification – not to be less than 2months/60 hours /MOOCs not to be less than 8 weeks. The requisite certificates to be submitted to the HoD by November 15 of the concerned year.

Bachelor of Science (Information Technology) /Bachelor of Science (Honours) Information Technology **Semester - IV**										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BITL-4111	Web Development	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-4112	Applied and Discrete Mathematics	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-4113	System Analysis and Design	DSC	4-0-0	4-0-0	4	100	70	-	30	3
BITL-4114	Object Oriented Programming - II	DSC	4-0-0	4-0-0	4	100	70	-	30	3
	Effective Soft Skills	AEC	2-0-4	2-0-2	4	100	40	30	30	3
BITP-4115	Lab on Web Development	DSC	0-0-4	0-0-2	2	50	-	35	15	3
BITP-4116	Lab on Object Oriented Programming - II	DSC	0-0-4	0-0-2	2	50	-	35	15	3
VACE-4221	Environmental Studies (Compulsory)	VAC	1-0-2	1-0-1	2	50	20	15	15	3+3
	Total				26	650				

Note:
C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course
AEC – Ability Enhancement Course, VAC – Value Added Course
Note:

***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

Proceedings - Annexure C-2: Bachelor of Science (Hons.) Information Technology Semester I – IV for the Session 2025-26 was discussed and passed by the house. They were much satisfied for courses like SECs , AECs, VACs, MDCs etc. Expert panel carried out discussion about placement activities in the institution. Dr. Suman Khurana, Head of Department provided great insights about the placement activities. She described the structure of placement team and enumerated various placement activities conducted in previous session on campus, off-campus and in online model. She also presented the facts that the students of KMV go for various internships and online courses for enhancement of their skillset. The Experts were much satisfied.

Item: Comp. Sc.10: 2025:5

To discuss the proposed syllabi of following Under Graduate courses Semester V - VI under Credit based Continuous Evaluation Grading System for the session 2025-26:

- Bachelor of Computer Applications Semester V - VI under Credit based Continuous Evaluation Grading System **(Annexure D-1)**
- Bachelor of Science (Information Technology) Semester V - VI under Credit based Continuous Evaluation Grading System **(Annexure D-2)**

Annexure D-1

Bachelor of Computer Applications

Credit Based Continuous Evaluation Grading System (CBCEGS)

Session 2025-26

Bachelor of Computer Applications Semester V										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BCAL-5111	Computer Networks	C	4-0-0	4-0-0	4	100	80	-	20	3
BCAL-5112	Web Development (Full Stack Development)	C	4-0-0	4-0-0	4	100	80	-	20	3

BCAL-5113	Operating System	C	4-0-0	4-0-0	4	100	80	-	20	3
BCAL-5114	Object Oriented Programming - II	C	4-0-0	4-0-0	4	100	80	-	20	3
BCAP-5115	Lab on Object Oriented Programming-II	C	0-0-4	0-0-2	2	50	-	40	10	3
BCAP-5116	Lab on Full Stack Development	C	0-0-4	0-0-2	2	50	-	40	10	3
BCAI-5117	Internship	C	0-0-4	0-0-2	2	50	-	50	-	3
SECJ-5551	*Job Readiness Course	AC	2-0-0	2-0-0	2	50	40	-	10	1
	Total				24	600				

Note:
C-Compulsory
AC - Audit Course
***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**
Internship with Local/Public/Private Industry/Business Organization either offline or online /MOOCs/Certification from recognized institution – Internship either offline or online or Certification – not to be less than 2months/60 hours /MOOCs not to be less than 8 weeks. The requisite certificates to be submitted to the HoD by November 15 of the concerned year.

Bachelor of Computer Applications Semester VI										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BCAL-6111	Information Security and Threats	C	4-0-0	4-0-0	4	100	80	-	20	3

BCAL-6112	Software Engineering	C	4-0-0	4-0-0	4	100	80	-	20	3
BCAP-6113	Lab on Graphics Designing	C	0-0-4	0-0-2	2	50	-	40	10	3
BCAD-6114	Project	C	0-0-24	0-0-12	12	300	-	240	60	3
	Total				22	550				

Note:

C-Compulsory

Proceedings - Annexure D-1 : Bachelor of Computer Applications Semester V – VI for the Session 2025-26 were discussed and passed by the house.

Annexure D-2

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME

Bachelor of Science (Information Technology)

Credit Based Continuous Evaluation Grading System (CBCEGS)
Session 2025-26

Bachelor of Science (Information Technology) Semester V										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BITL-5111	Data Structures	C	4-0-0	4-0-0	4	100	80	-	20	3
BITL-5112	Web Technologies	C	4-0-0	4-0-0	4	100	80	-	20	3
BITL-5113	Operating System	C	4-0-0	4-0-0	4	100	80	-	20	3
BITL-5114	Knowledge Management	C	4-0-0	4-0-0	4	100	80	-	20	3
BITP-5115	Lab on Web Technologies	C	0-0-4	0-0-2	2	50	-	40	10	3

BITP-5116	Lab on Data Structures	C	0-0-4	0-0-2	2	50	-	40	10	3
BITI-5117	Internship	C	0-0-4	0-0-2	2	50	-	50	-	3
SECJ-5551	*Job Readiness Course	AC	2-0-0	2-0-0	2	50	40	-	10	1
	Total				24	600				

Note:

C-Compulsory

AC - Audit Course

***Credits/Grades Points of these courses will not be included in the SGPA/CGPA of Semester / Program, only grades will be provided.**

Internship with Local/Public/Private Industry/Business Organization either offline or online /MOOCs/Certification from recognized institution – Internship either offline or online or Certification – not to be less than 2months/60 hours /MOOCs not to be less than 8 weeks. The requisite certificates to be submitted to the HoD by November 15 of the concerned year.

Bachelor of Science (Information Technology) Semester VI										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BITL-6111	Computer Graphics	C	4-0-0	4-0-0	4	100	80	-	20	3
BITL-6112	Digital Marketing	C	4-0-0	4-0-0	4	100	80	-	20	3
BITP-6113	Lab on Computer Graphics	C	0-0-4	0-0-2	2	50	-	40	10	3
BITP-6114	Lab on Digital Marketing	C	0-0-4	0-0-2	2	50	-	40	10	3
BITD-6115	Project	C	0-0-24	0-0-12	12	200	-	160	40	3
	Total				24	500				

Note:

C-Compulsory

Proceedings - Annexure D-2: Bachelor of Science (Information Technology) Semester V – VI for the Session 2025-26 were discussed and passed by the house.

Item: Comp. Sc. 10: 2025:6

To discuss the proposed syllabi of the Diploma in Computer Applications the session 2025-26 under Credit Based Continuous Evaluation Grading System (2 years duration – 4 semesters). Exit option to be given as per Parent University norms after one year with certificate in Computer Applications.

- Diploma in Computer Applications Semester I - II **(Annexure E)**

Annexure-E

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DIPLOMA PROGRAMME

CERTIFICATE IN COMPUTER APPLICATIONS – After One year(Exit Option)

DIPLOMA IN COMPUTER APPLICATIONS – After Two Years

Session 2025-26

Diploma in Computer Applications Semester – I									
Course Code	**Course Title**	**Course Type**	**Hours Per Week L-T-P**	**Credits**		**Marks**			**Examination time (in Hours)**
				L-T-P	**Total**	**Total**	**Th.**	**P**	**CA**
DCAL- 1111	Information Technology and Operating System	C	4 -0-0	4 -0-0	4	100	70	-	30	3
DCAL - 1112	PC Computing–I (Back Office Operations)	C	4 -0-0	4 -0-0	4	100	70	-	30	3
DCAL-1113	Programming in C	C	4 -0-0	4 -0-0	4	100	70	-	30	3
DCAP- 1114	Lab on PC Computing–I (Back Office Operations)	C	0-0-6	0-0-3	3	100	-	70	30	3
DCAP – 1115	Lab on Programming in C	C	0-0-6	0-0-3	3	100	-	70	30	3
DCAP-1116	Lab on Typing Skills	S	0-0-4	0-0-2	2	50	-	35	15	3

TOTAL CREDITS	20	550

Note:
C – Compulsory
S-Skill Based

Diploma in Computer Applications Semester - II									
Course Code	**Course Title**	**Course Type**	**Hours Per Week L-T-P**	**Credits**		**Marks**			**Examination time (in Hours)**
				L-T-P	**Total**	**Total**	**Th**	**P**	**CA**
DCAL - 2111	Database Management System	C	4 -0-0	4 -0-0	4	100	70	-	30	3
DCAL -2112	Internet Applications	C	4 -0-0	4 -0-0	4	100	70	-	30	3
DCAP – 2113	Lab on Database Management System	C	0-0-6	0-0-3	3	100	-	70	30	3
DCAP-2114	Lab on Creative Design	C	0-0-6	0-0-3	3	100	-	70	30	3
DCAP-2115	Lab on Internet Applications	C	0-0-6	0-0-3	3	100	-	70	30	3
DCAD-2116	Minor Project	C	0-0-6	0-0-3	3	100	-	70	30	3
TOTAL CREDITS				20		600				

Note:
C – Compulsory, S-Skill Based

Proceedings - Annexure E : Certificate in Computer Applications Semester I - II Semester I -II for the Session 2025-26 was discussed, experts appreciated the adoption of change in nomenclature as per guidelines – along with exit option after one year. They passed the syllabi for Sem I and II.

Item: Comp. Sc. 10: 2025:7

- To discuss the proposed syllabi of additional / optional paper for Specialization subject of Data Science domain for B.Sc.(IT) Semester I till IV and BCA Semester I till IV under NEP-2020 - Credit Based Continuous Evaluation Grading System for the session 2025-26.

(Annexure F-1)

- To discuss the proposed syllabi of additional / optional paper for Specialization subject of Data Science domain for B.Sc. (IT) Semester V - VI and BCA Semester V - VI under Credit Based Continuous Evaluation Grading System for the session 2025-26. **(Annexure F-2)**

Annexure F-1

Additional / Optional paper for Specialization in Data Science

Bachelor of Science (Information Technology)/ Bachelor of Computer Applications Semester – I										
Course Code	**Course Name**	**Course Type**	**Hours per week**	**Credit**		**Marks**	**Examination Time (in Hours)**			
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	**Exam Time**
							L	**P**		
BITL-1118/ BCAL-1118	***Computational Data Science**	O	3-1-0	3-1-0	4	100	70	-	30	3
	Total				4	100				

Bachelor of Science (Information Technology)/ Bachelor of Computer Applications Semester – II						
Course Code	**Course Name**	**Course Type**	**Hours per week**	**Credit**	**Marks**	**Examination Time (in Hours)**

			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
BITL-2118/ BCAL-2118	***Statistical Techniques for Data Science**	O	3-1-0	3-1-0	4	100	70	-	30	3
	Total				4	100				

Bachelor of Science (Information Technology)/ Bachelor of Computer Applications Semester – III										
Course Code	**Course Name**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**	**CA**		
							L	**P**		
BITM-3118/ BCAM-3118	***Data Visualization**	O	3-0-2	3-0-1	4	100	40	30	30	3
	Total				4	100				

Bachelor of Science (Information Technology)/ Bachelor of Computer Applications Semester – IV										
Course Code	**Course Name**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BITM-4117/ BCAM-4117	***Foundation of Statistical Computing**	O	3-0-2	3-0-1	4	100	40	30	30	3+3
	Total				4	100				

Note:

O - Optional

***One additional/optional paper will be studied by the candidate if she opts for Specialization in Data Science**

Proceedings - Annexure F-1 : Additional/optional paper – one additionally in every semester was discussed for Sem I till Sem IV for the Session 2025-26. Experts thoroughly watched the Course and contents and they passed the syllabi after getting satisfied.

Annexure F-2

Additional / Optional paper for Specialization in Data Science

Bachelor of Science (Information Technology)/ Bachelor of Computer Applications Semester – V										
Course Code	**Course Name**	**Course Type**	**Hours per week**	**Credit**	**Marks**					**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BITL-5118/ BCAL-5118	*** Data Mining and Data Warehousing**	O	4-0-0	4-0-0	4	100	80	-	20	3
	Total				4	100				

Bachelor of Science (Information Technology)/ Bachelor of Computer Applications Semester – VI								
Course Code	**Course Name**	**Course Type**	**Hours per week**	**Credit**		**Marks**		**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**		**Ext.**	**CA**

						Total	L	P		
BITM-6116/ BCAM-6115	*** Data Mining Tool**	O	2-0-4	2-0-2	4	100	50	30	20	3+3
	Total				4	100				

Note: O - Optional

***One additional/optional paper will be studied by the candidate if she opts for Specialization in Data Science**

Proceedings - Annexure F-2: Additional/optional paper – one additionally in every semester was discussed for Sem V and VI for the Session 2025-26. Experts thoroughly watched the Course and contents and they passed the syllabi after getting satisfied.

Item: Comp. Sc. 10: 2025:8

To discuss the proposed syllabi of Computer Science / Computer Applications (Vocational) as an elective subject in B.A./B.Sc. for the session 2025-26:

- Bachelor of Arts/ Bachelor of Science - Computer Science Semester I - IV under Credit Based Continuous Evaluation Grading System under NEP - 2020 for the session 2025-26. **(Annexure G-1)**

- Bachelor of Arts/ Bachelor of Science - Computer Applications (vocational) Semester I - IV under Credit Based Continuous Evaluation Grading System under NEP - 2020 for the session 2025-26. **(Annexure G-2)**

(Note: Important Guidelines and general allocation regarding SECs , AECs, VACs, MDCs etc. to be followed as per the norms of Parent University)

- Bachelor of Arts/ Bachelor of Science - Computer Science Semester V – VI under Credit Based Continuous Evaluation Grading System. **(Annexure G-3)**

- Bachelor of Arts/ Bachelor of Science - Computer Applications (Vocational) Semester V – VI under Credit Based Continuous Evaluation Grading System. **(Annexure G-4)**

Annexure G-1

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/

Bachelor of Science (Economics) (Honours) Semester-I

Program Name	Course Title	Course Code	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
				L-T-P	L-T-P	Total	Total	Ext.		CA	
								L	P		
Bachelor of Arts Hons. Semester I/ Bachelor of Science (Computer Science) Hons. Semester I / Bachelor of Science (Economics) Hons. Semester I	Computer Science (Computer Fundamentals and PC Software)	BARM-1134 BCSM-1134 BECM-1134	DSC DSC DSC	3-0-2	3-0-1	4	100	40	30	30	3+3

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester-II											
Program Name	Course Title	Course Code	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
				L-T-P	L-T-P	Total	Total	Ext.		CA	
								L	P		
Bachelor of Arts Hons.	Computer Science	BARM-	DSC	3-0-2	3-0-1	4	100	40	30	30	3+3

Semester II / Bachelor of Science (Computer Science) Hons. Semester II/ Bachelor of Science (Economics) Hons. Semester II	(Programming in C)	2134 BCSM-2134 BECM-2134	DSC DSC								
Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester-III											
Program Name	**Course Title**	**Course Code**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		

Bachelor of Arts Hons. Semester III / Bachelor of Science (Computer Science) Hons. Semester III/ Bachelor of Science (Economics) Hons. Semester III	Computer Science (Computer Oriented Numerical and Statistical Methods)	BARM -3134 BCSM-3134 BECM-3134	DSC DSC DSC	3-0-2	3-0-1	4	100	40	30	30	3+3

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester-IV											
Program Name	**Course Title**	**Course Code**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts Hons. Semester IV / Bachelor of Science (Computer Science) Hons.	Computer Science (Data Structures)	BARM-4134 BCSM-4134	DSC DSC	3-0-2	3-0-1	4	100	40	30	30	3+3

Semester IV/ Bachelor of Science (Economics) Hons. Semester IV		BECM-4134	DSC								

Proceedings - Annexure G-1: Bachelor of Arts/ Bachelor of Science - Computer Science Semester I - IV under Credit Based Continuous Evaluation Grading System under NEP - 2020 for the session 2025-26 was discussed and passed.

Annexure G-2

Bachelor of Arts Honours / Bachelor of Science (Economics) Hons. Semester-I											
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts Sem- I Bachelor of Science (Economics)- Sem I	BARM-1124 BECM-1124	Computer Applications (Vocational) (Computer Fundamentals and PC Software)	DSC DSC	3-0-2	3-0-1	4	100	40	30	30	3+3

Bachelor of Arts Honours/ Bachelor of Science (Economics) Hons. Semester-II										
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**			**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**	**CA**	

								L	P		
Bachelor of Arts Sem- II Bachelor of Science (Economics)- Sem II	BARM-2124 BECM-2124	Computer Applications (Vocational) (Introduction to Programming using Python)	DSC DSC	3-0-2	3-0-1	4	100	40	30	30	3+3

Bachelor of Arts / Bachelor of Science (Economics) Semester-III											
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts Sem- III Bachelor of Science (Economics)- Sem III	BARM-3124 BECM-3124	Computer Applications (Vocational) (Operating System)	E E	3-0-2	3-0-1	4	100	40	30	30	3+3

Bachelor of Arts / Bachelor of Science (Economics) Semester-IV										
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**			**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**	**CA**	

								L	P		
Bachelor of Arts Sem- IV Bachelor of Science (Economics)- Sem IV	BARM-4124 BECM-4124	Computer Applications (Vocational) (Relational Database Management Systems)	E E	3-0-2	3-0-1	4	100	40	30	30	3+3

Proceedings - Annexure G-2: Bachelor of Arts/ Bachelor of Science - Computer Applications (vocational) Semester I - IV under Credit Based Continuous Evaluation Grading System under NEP - 2020 for the session 2025-26 was discussed and passed.

Annexure G-3

Bachelor of Arts / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)Semester - V											
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts Semester V/ Bachelor of	BARM-5134 BCSM-	Computer Science (Database Management	E	3-0-2	3-0-1	4	100	50	30	20	3+3

Science (Computer Science) Semester V / Bachelor of Science (Economics) Semester V	5134 BECM-5134	System)	C E								

Bachelor of Arts / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)Semester - VI											
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts- Semester VI/ Bachelor of Science- Semester VI/ Bachelor of Science (Economics) -Semester VI	BARM-6134 BCSM-6134 BECM-6134	Computer Science (Information Technology	E C E	3-0-2	3-0-1	4	100	50	30	20	3+3

Proceedings - Annexure G-3: Bachelor of Arts/ Bachelor of Science - Computer Science Semester V – VI under Credit Based Continuous Evaluation Grading System was discussed and passed.

Annexure G-4

Bachelor of Arts Honours / Bachelor of Science (Economics) Hons. Semester V											
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts Sem- I Bachelor of Science (Economics)- Sem I	BARM-5124 BECM-5124	Computer Applications (Vocational) (Internet and Web Designing)	DSC DSC	3-0-2	3-0-1	4	100	50	30	20	3+3

Bachelor of Arts Honours/ Bachelor of Science (Economics) Hons. Semester VI											
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts Sem- II Bachelor of Science (Economics)- Sem II	BARM-6124 BECM-6124	Computer Applications (Vocational) (Business Data Processing)	DSC DSC	3-0-2	3-0-1	4	100	50	30	20	3+3

Proceedings - Annexure G-4: Bachelor of Arts/ Bachelor of Science - Computer Applications (Vocational) Semester V – VI under Credit Based Continuous Evaluation Grading System was discussed and passed.

Item: Comp. Sc. 10: 2025: 9

To discuss and approve the syllabi of Computer as a subject for inter departmental courses for the session 2025-26:

- ID Course – Basics of Computer Applications as choice-based course for PG students of other disciplines.

Annexure H-1

Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
IDEI-1124	Basics of Computer Applications	IDE	2-0-4	2-0-2	4	100	40	30	30	3+3

Master of Science (Chemistry) Semester I - Computer for Chemists **Annexure H-2**

CURRICULUM AND SCHEME OF EXAMINATIONS OF TWO YEAR MASTER DEGREE PROGRAMME

Master of Science (Chemistry)

Session 2025-26

Master of Science (Chemistry) Semester I										
Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		

MCHM-1135	Computer for Chemists	C	1-0-2	1-0-1	2	50	20	15	15	3+3

- Master of Science (Zoology) Semester I - Computer Programming and Data Processing

Annexure H-3

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR MASTER DEGREE PROGRAMME

MASTER OF SCIENCE (ZOOLOGY)
Credit Based Continuous Evaluation Grading System (CBCEGS)

Session 2025-26

Master of Science (Zoology) Semester I										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
MZOM-1135	Computer Programming and Data Processing	C	2-0-2	2-0-1	3	100	40	30	30	3+3

- Master of Science (Economics) Semester III – Data Science for Economists

Annexure H-4

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEARS PG PROGRAMME

MASTER OF SCIENCE (ECONOMICS) SEMESTER – III / IV

Credit Based Continuous Evaluation Grading System (CBCEGS)

(Session 2025-26)

MASTER OF SCIENCE (ECONOMICS)									
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**			**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**	**CA**	

							L	P		
	Data Science for Economists	C	2-0-4	2-0-2	4	100	40	30	30	3+3

- Master of Commerce (Hons.) FYIP Semester I (Digital Fluency) and Semester II (Web Based Applications for Office Management)

Annexure H-5

SCHEME AND CURRICULUM OF EXAMINATIONS OF FIVE YEARS INTEGRATED PROGRAMME

Master of Commerce (FYIP) Semester I & II
(Session 2025-26)

Master of Commerce (FYIP) Semester I

Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
FCOM-1126	Digital Fluency	MDC	2-0-2	2-0-1	3	100	40	30	30	3+3

Master of Commerce (FYIP) Semester II

Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
FCOM-2126	Web Based Applications for Office Management	MDC	2-0-2	2-0-1	3	100	40	30	30	3+3

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DEGREE PROGRAMME

MASTER OF COMMERCE SEMESTER- IV

Credit Based Continuous Evaluation Grading System (CBCEGS)

SESSION: 2025-26

Master of Commerce Semester IV										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
MCML - 4122	E - Commerce	C	4-0-0	4-0-0	4	100	70	-	30	3

- Master of Science (Hons.) Mathematics (FYIP) - Semester I (Programming Language – I) Semester II (Object oriented Programming C++) and Semester IV (Statistical Computing using R Programming) **(Annexure H-7)**

MASTER OF SCIENCE (MATHEMATICS) (FYIP)

(Session 2025-26)

Credit Based Continuous Evaluation Grading System (CBCEGS)

MASTER OF SCIENCE (MATHEMATICS) FYIP SEMESTER I										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
FMAM-1130	Programming Language - I	SEC	3-0-2	3-0-1	4	100	40	30	30	3+3

MASTER OF SCIENCE (MATHEMATICS) (FYIP)SEMESTER II										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
FMAM-2135	Object Oriented Programming C++	C	3-0-2	3-0-1	4	100	40	30	30	3+3

MASTER OF SCIENCE (MATHEMATICS) (FYIP)SEMESTER IV										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
FMAM-4133	Statistical Computing Using R Programming	C	3-0-2	3-0-1	4	100	40	30	30	3+3

- Bachelor of Business Administration Hons. / Bachelor of Business Administration (Honours) – Airlines and Airport Management Semester I - Computer Applications for Business

Annexure H-8

Bachelor of Business Administration Hons. / Bachelor of Business Administration (Honours) – Airlines and Airport Management Semester I

COMPUTER APPLICATIONS FOR BUSINESS

(Session 2025-26)

Credit Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Business Administration Hons. Semester I /

Bachelor of Business Administration (Honours) – Airlines and Airport Management Semester I

Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
BBRM-1120 / BBMM-1120	Computer Applications for Business	SEC	2-0-2	2-0-1	3	100	40	30	30	3+3

- Bachelor of Science (Home Science) Hons. Semester I - Computer Basics & Semester II - Computer Applications for Home Scientists.

Annexure H-9

Bachelor of Science (Honours) Home Science

Session: 2025-26

Credit Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Science (Honours) Home Science Semester I										
Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
BHSM - 1127	Computer Basics	C	2-0-2	2-0-1	3	100	40	30	30	3+3

Bachelor of Science (Honours) Home Science Semester II										
Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		

BHSM - 2126	Computer Applications for Home Scientists	MDC	3-0-2	3-0-1	4	100	40	30	30	3+3

- Bachelor of Science (Honours) Medical Laboratory Technology (Semester - II) – Fundamentals of Data Analytics **Annexure H-10**

Bachelor of Science (Honours) Medical laboratory Technology)
Session: 2025-26

Credit Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Science (Honours) Medical laboratory Technology) Semester II										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BMLM-2130	Fundamentals of Data Analytics	SEC	2-0-2	2-0-1	3	100	40	30	30	3+3

- Bachelor of Vocation Sem I - Computer Applications under different Vocational Programs namely: B.Voc. (Animation), B.Voc. (Retail Mgt) Sem I **Annexure H-11**

Bachelor of Vocation (Animation) Semester-I / Bachelor of Vocation (Retail Management) Semester-I										
S. No.	**Course Code**	**Course Type**	**Course Title**	**Hours per week L-T-P**	**Credits L-T-P**	**Max Marks**				**Examination time (in Hours)**
						Total	**Ext.**		**CA**	
							L	**P**		
1	**BVAM-1113/ BVRM-1126**	S	**Computer Fundamentals**	1-0-2	1-0-1	50	20	15	15	3+3

- B.Voc. (NEH) Sem V- Internet Applications & B.Voc. (NEH) Sem VI- Database Concepts

Annexure H-12

Bachelor of Vocation (Nutrition, Exercise & Health) (Semester-V)

Course Code: BVNM- 5125

Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
		L-T-P	L-T-P	Total	Total	Ext.		CA	
						L	P		
Internet Applications	S	1-0-2	1-0-1	2	50	25	15	10	3+3

Bachelor of Vocation (Nutrition, Exercise & Health) Semester-VI
Course Code: BVNM- 6127

Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
		L-T-P	L-T-P	Total	Total	Ext.		CA	
						L	P		
Database Concepts	S	1-0-2	1-0-1	2	50	25	15	10	3+3

- Bachelor of Vocation (Hospitality and Tourism) Semester II - Applications of Computer in Hospitality and Tourism

Annexure H-13

Bachelor of Vocation (Hospitality and Tourism) Semester II (Session 2025-26)

Course Title: Applications of Computer in Hospitality and Tourism

Course Code: BVHM-2126

Bachelor of Vocation (Hospitality and Tourism) Semester II										
S. No.	**Course Code**	**Course Type**	**Course Title**	**Hours per week L-T-P**	**Credits L-T-P**	**Max Marks**				**Examination time (in Hours)**
						Total	**Ext.**		**CA**	
							L	**P**		
1	BVHM-2126	S	Applications of Computer in Hospitality and Tourism	1-0-2	1-0-1	50	20	15	15	3+3

- B.Voc(MSP) Sem V- Introduction to Python Programming **Annexure H-14**

Bachelor of Vocation (Management & Secretarial Practices) (Semester-V)

Course Title	**Course Code**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
		L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
						L	**P**		
Introduction to Python Programming	BVMM-5126	3-0-2	3-0-1	4	100	50	30	20	3+3

- Bachelor of Commerce Semester I – Computer Applications in Business **Annexure H-15**

Bachelor of Commerce

(Session 2025-26)

Credit Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Commerce Semester I										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
BCRM–1120	Computer Applications in Business	SEC	2-0-2	2-0-1	3	100	40	30	30	3+3

- Master of Arts (English) (FYIP) Semester III – Basic Computer Skills

Annexure H-16

Master of Arts (English) (FYIP) Semester III
(Session 2025-26)

Master of Arts (English) (FYIP) Semester III										
Course Code	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
			L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
							L	**P**		
	Basic Computer Skills	AEC	2-0-4	2-0-2	4	100	40	30	30	3+3

- Bachelor of Vocation (Nutrition & Dietetics) Semester III – Technology in Nutrition and Dietetics

Annexure H-17

Bachelor of Vocation (Nutrition & Dietetics)
Session: 2025-26

Credit Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Vocation (Nutrition & Dietetics) Semester III

Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
			L-T-P	L-T-P	Total	Total	Ext.		CA	
							L	P		
BVNM-3285	Technology in Nutrition and Dietetics	C	2-0-4	2-0-2	4	100	40	30	30	3+3

Any other Computer related Course of other departments - need based, will be entertained and intimated.

Proceedings - Annexure H1 to H-17: All the inter-disciplinary Programs – under graduate and/or post-graduate that have Computer as a subject/course were discussed thoroughly and passed. BOS members recommended that all these departments must get these Computer related papers/subjects passed in their respective Bard of Studies as well. The Experts asked about the feedback mechanism related to interdisciplinary courses. In response the department Head provided the insights on how the feedback from different departments on interdisciplinary courses and various stake holders are collected.

Item: Comp. Sc. 10: 2025:10

To discuss the proposed syllabi of Certificate Courses (Add-ons) of the department for the session 2025-26 under Credit Based Continuous Evaluation Grading System.

- Data Analytics with Power BI and Tableau
- Creative Design

Proceedings - The Add on Certificate Courses - Data Analytics with Power BI and Tableau , and Add on certificate Course – Creative Design was discussed and passed for the Session 2025-26. The Experts asked about the status of research and innovation related activities in the institution to which the Head of department responded with the details of Govt. funded Research Projects, Papers published and Patents registered by the department.

Item: Comp. Sc. 10: 2025:11

To discuss the results of the Programs run by the department in the Session 2025-26.

Proceedings- BOS members saw all the results and they were much satisfied.

Item: Comp. Sc. 10: 2025:12

To intimate BOS members about the existing teaching methodologies and innovative methods followed and to seek their suggestions for further improvement.

Proceedings- BOS members were appreciative about the usage of teaching methodologies and industry certifications obtained by students under the faculty mentorship. BOS Expert panel recommended that the formal documentation of each academic activity must be maintained from the perspective of NAAC.

Item: Comp. Sc.10: 2025:13

To discuss the outcome of stated courses and programs.

Proceedings- BOS members were satisfied, they also enquired about the procedure of CO-PO mapping.

Item: Comp. Sc. 10: 2025:14

To discuss and approve the proposed list of examiners and evaluators for all the courses/programs - Computer classes/subjects for Session 2025-26.

Proceedings- The proposed list of examiners and evaluators was passed by the house.

Item: Comp. Sc. 10: 2025:15

To discuss the proposed activities and plans of department for the Academic session 2025-26.

Proceedings- BOS members were very highly appreciative about the working and department faculty and conveyed that the department is doing extremely well and motivated to do great. They suggested the deployment of new age hardware and software technologies and adoption of AI tools as well .

Suman Khurana
Kanya Maha Vidyalaya, Jalandhar.

Dr. Sandeep Sharma (Professor and Head)
Department of Computer Engineering & Technology
Guru Nanak Dev University, Amritsar

Dr. Kawaljeet Singh (Director)
University Computer Centre
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Mr. Gaurav
Chief Technical Officer
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Dr. Pardeep Arora
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