

**The Heritage Institution**  
**KANYA MAHA VIDYALAYA, JALANDHAR**  
**(An Autonomous College)**

**Session 2026-27**



**Proceedings of 11<sup>th</sup> Meeting of Board of Studies**

**FACULTY OF COMPUTER SCIENCE & I.T.**

**Date: July 06, 2026**

**Time: 10:00 a.m.**

**Online through: Zoom Cloud Meeting**

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

**Minutes of the Eleventh Meeting of Board of Studies held on July 06, 2026**

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

**Date:** Monday (06.07.2026)

**Time:** 10:00 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)<br>PG Department of Computer Science & Applications Kanya<br>Maha Vidyalaya, Jalandhar                                         | Chairperson |
| 2.  | Dr. Kuljeet Kaur (Professor and Head)<br>Department of Computer Science<br>Guru Nanak Dev University, Amritsar<br>(University Nominee)                  | Member      |
| 3.  | Dr. Sarbjeet Singh, Professor<br>CSE, UIET Panjab University<br>Chandigarh.<br>(Outside Parent University Nominee)                                      | Member      |
| 4.  | Dr. Prabh Deep Singh, Associate Professor<br>Department of CSE<br>Graphic Era Deemed to be University, Dehradun.<br>(Outside Parent University Nominee) | Member      |
| 5.  | Mr. Anoop Sharma, Director, O7 Solutions, Badwal Complex<br>Near Narinder Cinema, Jalandhar<br>(Industry Expert)                                        | Member      |
| 6.  | Ms. Shruti Singh, Senior Full Stack Developer<br>Tecknow Deviser, Mohali<br>(Alumni Nominee)                                                            | Member      |
| 7.  | Dr. Pardeep Arora (Assoc. Prof.)<br>Department of Computer Science & Applications, KMV                                                                  | Member      |
| 8.  | Dr. Ravi Khurana (Assoc. Prof.)<br>Department of Computer Science & Applications, KMV                                                                   | Member      |
| 9.  | Dr. Nitin Khanna (Assistant Prof.)<br>Department of Computer Science & Applications, KMV                                                                | Member      |
| 10. | Ms. Vandana Sharma (Assistant Prof.)<br>Department of Computer Science & Applications, KMV                                                              | Member      |

The Meeting started with a series of morning greetings to one another. Dr. Suman Khurana warmly welcomed the newly constituted BOS Panel (11th Meeting), extended her gratitude to the honoured external members for their consent and time for the academic excellence of the institution. She apprised the house that college is following UGC's CBCS and Learning Outcomes-based Curriculum Framework for flexibility and multi-disciplinary options. The Key recommendations from NEP 2020, including modularity, exit options, and Academic Bank of Credits are being followed in entirety. She added that Value-Added Programs (one in every semester) are being run since the first year of Autonomy. Students undertake Compulsory Internship and they are encouraged to do MOOCs as well. Most of the students are obtaining the Industry Certifications as well for improving their Skill set. As per the college policy, we are following 70-30 ratio for End Semester Examination and Cumulative Assessment, and all the Program Schemes are framed in consultation with COE office for credits and marks.

She also acknowledged the contribution of the former members in absentia for giving their valuable suggestions for the academic enrichment.

The members were very appreciative about the rich legacy of women's empowerment and academic leadership at KMV that stands uniquely to deliver prestigious Programs and then the chairperson very politely obtained their consent to start with the Agenda Items of Eleventh Meeting of BOS to discuss the schemes and syllabi of all programs and Courses in detail.

### **Item: Comp. Sc.11: 2026: 1**

To confirm the Proceedings of Tenth meeting held on May 31, 2025 and to discuss the Action Taken Report of the said meeting.

| <b>Agenda No.</b>                  | <b>Agenda Item</b>                                                                                                                                                                                              | <b>Decision Taken in Meeting</b>                                                                                                                                                | <b>Action Taken</b>                               |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Item: Comp. Sc.10-A: 2025:1</b> | To discuss and approve the syllabi of following classes -<br><ul style="list-style-type: none"> <li>• MCA Sem I- II for the session 2025-26 under Credit based continuous Evaluation grading system.</li> </ul> | Experts discussed the syllabi in entirety; they were very happy to see the proposed curriculum aligning with the industry requirements. Scheme/syllabi was discussed in detail. | The course schemes were approved and implemented. |

|                                    |                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                       |                                                                |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Item: Comp. Sc.10: 2025:2</b>   | <p>To discuss and approve the syllabi of following classes –</p> <ul style="list-style-type: none"> <li>• M.Sc. (CS) Sem I to IV for the session 2025-26 under Credit based continuous Evaluation grading system</li> </ul>                                                                                                                                   | The Experts were much pleased to know about the requirement of Students' publications and condition of plagiarism checking. Scheme/syllabi was discussed in detail.                                                                                                   | The course schemes were approved and implemented.              |
| <b>Item: Comp. Sc. 10 : 2025:3</b> | <p>To discuss and approve the syllabi of -</p> <ul style="list-style-type: none"> <li>• Post Graduate Diploma in Computer Applications Semester I-II for the session 2025-26 under Credit based Continuous Evaluation Grading system</li> </ul>                                                                                                               | Detailed scheme was discussed in detail.                                                                                                                                                                                                                              | The course schemes were approved and implemented.              |
| <b>Item: Comp. Sc. 10: 2025:4</b>  | <p>To discuss and approve the DSCs, AECs, MDCs, VACs of :</p> <ul style="list-style-type: none"> <li>• BCA Hons. and BSc (IT)Hons. Sem I -IV for the Session 2025-26 Sem I - IV (Under NEP 2020 guidelines).</li> </ul> <p>A Compulsory Internship of 2 credits was proposed in Sem III- either online or offline mode or NPTEL MOOCs of 8 weeks or more.</p> | As per the guidelines of NEP 2020 for 4 years BCA Hons. and BSc Hons.(IT) Programs, it was discussed to include DSCs, VACs, AECs, and MDCs as specified by the Parent university- GNDU Amritsar. The Experts were happy to know that the department encourages MOOCs. | DSCs , SECs and VAC were made an important part of the scheme. |
| <b>Item: Comp. Sc. 10: 2025:5</b>  | <p>To discuss and approve the syllabi of :</p> <ul style="list-style-type: none"> <li>• BCA and BSc(IT) Sem V and VI under Credit based Continuous Evaluation Grading System.</li> </ul> <p>A Compulsory Internship of 2 credits was proposed in Sem V- either online or offline or NPTEL MOOCs of 8 weeks or more.</p>                                       | BCA and BSc(IT) Syllabi were thoroughly discussed and approved. The Experts were happy to know that the department encourages MOOCs.                                                                                                                                  | The approved syllabi were implemented.                         |
| <b>Item: Comp. Sc. 10: 2025:6</b>  | <p>To discuss and approve the syllabi of :</p> <ul style="list-style-type: none"> <li>• Certificate in Computer Applications Sem I and II under Credit based Continuous Evaluation Grading System.</li> </ul>                                                                                                                                                 | The syllabi was discussed and approved.                                                                                                                                                                                                                               | The approved syllabi was implemented in proportion of 70-30.   |

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                  |                                               |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <p><b>Item: Comp. Sc. 10: 2025:7</b></p> | <p>To discuss and approve the syllabus of :</p> <ul style="list-style-type: none"> <li>Additional / optional paper - Specialization subject for <b>BSc Hons. (IT) and BCA Hons :</b></li> </ul> <p>Semester I -IV under NEP 2020 guidelines - Credit based Continuous Evaluation grading system for the Session 2025-26 with 70-30 proportion, , Sem V - VI with 80-20 Proportion.</p>                                                                                                                                                                                                                                                                                                                                                                           | <p>Syllabi was thoroughly discussed for Sem I -VI– one in each semester for those students who take up the additional/Optional course in Data Science in BSc(IT) Program and BCA Program.</p>                                                                                                                                                    | <p>The approved syllabi were implemented.</p> |
| <p><b>Item: Comp Sc.10: 2025:8</b></p>   | <p>To discuss and approve the syllabi of :</p> <ul style="list-style-type: none"> <li>Computer Science / Computer Applications Sem I -IV under credit based continuous evaluation grading system as per NEP-2020 as an elective subject of BA/BSc Hons. for the session 2025-26 , with 70-30 proportion, Computer Science/Computer Applications Sem V-VI with 80-20 Proportion.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                       | <p>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 - IV under Credit based Continuous Evaluation Grading System for the session 2025-26 was discussed and approved. Sem V-VI was discussed and approved.</p> | <p>The approved syllabi were implemented.</p> |
| <p><b>Item: Comp Sc.10: 2025:9</b></p>   | <p>To discuss and approve the syllabi of Computer as a subject for interdisciplinary classes:</p> <p>ID Course – Basics of Computer Applications as a choice-based Course for interdisciplinary PG Programs</p> <p>MSc(Chemistry) Sem I<br/>MSc(Zoology)Sem I<br/>MSc(Economics) Sem III<br/>MCom(FYIP) Sem I and II<br/>MCom Sem IV<br/>MSc(Maths) FYIP Sem I ,II and IV<br/>BBA(Hons.)/BBA Hons. Airlines and Airport Management Sem I<br/>BSc(Hons) Home Sc. Sem I<br/>BSc (Hons) MLT Sem II<br/>BVoc (Animation) &amp; BVoc(Retail Management) Sem I<br/>BVoc(NEH) SemV &amp; VI<br/>BVoc(H&amp;T) Sem II<br/>BVoc(MSP) Sem V<br/>BCom Sem I<br/>MA(Eng) FYIP Sem III<br/>MBA Sem I</p> <p>And any other Computer Paper (need based) as per requirement.</p> | <p>The Proposed syllabi of Computer papers under various departments – Interdisciplinary were discussed and approved.</p>                                                                                                                                                                                                                        | <p>The approved syllabi were implemented.</p> |

|                                    |                                                                                                                                                                                                                    |                                                                                    |                                                                                    |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Item: Comp Sc.10: 2025:10</b>   | To discuss and approve the syllabus of Certificate Courses:<br>• Data Analytics with Power BI and Tableau<br>• Creative Design<br>for the session 2025-26 under Credit based Continuous Evaluation Grading system. | The experts were happy to know the existence of such certificate courses.          | The approved syllabi were implemented.                                             |
| <b>Item: Comp Sc. 10: 2025 :11</b> | 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.                                          |
| <b>Item: Comp Sc. 10:2025:12</b>   | 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.                                          |
| <b>Item: Comp Sc.10:2025:13</b>    | 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.                                                |
| <b>Item: Comp Sc. 10:2025: 14</b>  | To discuss and approve list of proposed paper setters, examiners and evaluators for all the computer courses for Session 2025-26.                                                                                  | List of Paper setters, examiners and evaluators was approved.                      | List of Paper setters, examiners and evaluators was sent to the COE office.        |
| <b>Item: Comp Sc.10:2025: 15</b>   | To discuss the activities and plans of Department for Session 2025-26.                                                                                                                                             | BOS members were satisfied; they approved.                                         | Esteemed members were appreciative. The Proposed activities have been carried out. |

**Proceedings:** The Proceedings of tenth 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 gave their consent.

### **Item: Comp. Sc. 11: 2026:2**

To discuss the proposed syllabi of following Post Graduate Programs under Credit based Continuous Evaluation Grading System for the Session 2026-27:

- Master of Science (Computer Science) Semester I - II.  
(Annexure A-1)
- Post Graduate Diploma in Computer Applications Semester I-II.  
(Annexure A-2)

## Annexure A-1

### Kanya Maha Vidyalaya, Jalandhar (Autonomous)

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DEGREE PROGRAMME

### Master of Science (Computer Science)

Credit Based Continuous Evaluation Grading System (CBCEGS)

(Session 2026-27)

| 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 |
|                                                   | <b>Total</b>                                                          |             |                |        | 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

## **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DEGREE PROGRAMME**

### **Master of Science (Computer Science)**

**Credit Based Continuous Evaluation Grading System (CBCEGS)**

**(Session 2026-27)**

| 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**

**Proceedings - Annexure A-1:** Master of Science (Computer Sc.) Semester I – II for the Session 2025-26 was discussed and passed.



**Annexure A-2****KANYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS)****SCHEME AND CURRICULUM OF EXAMINATIONS OF ONE YEAR POST GRADUATE DIPLOMA****Post Graduate Diploma in Computer Applications****Credit Based Continuous Evaluation Grading System (CBCEGS)****(Session 2026-27)**

| <b>Post Graduate Diploma in Computer Applications Semester - I</b> |                                               |                    |                             |                |              |              |           |          |           |                                    |
|--------------------------------------------------------------------|-----------------------------------------------|--------------------|-----------------------------|----------------|--------------|--------------|-----------|----------|-----------|------------------------------------|
| <b>Course Code</b>                                                 | <b>Course Title</b>                           | <b>Course Type</b> | <b>Hours Per Week L-T-P</b> | <b>Credits</b> |              | <b>Marks</b> |           |          |           | <b>Examination time (in Hours)</b> |
|                                                                    |                                               |                    |                             | <b>L-T-P</b>   | <b>Total</b> | <b>Total</b> | <b>Th</b> | <b>P</b> | <b>CA</b> |                                    |
| 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                                  |
| <b>TOTAL CREDITS</b>                                               |                                               |                    |                             | 20             |              | 500          |           |          |           |                                    |

**Note: C- Compulsory Course**

**KANYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS)**  
**SCHEME AND CURRICULUM OF EXAMINATIONS OF ONE YEAR POST**  
**GRADUATE DIPLOMA**

**Post Graduate Diploma in Computer Applications**

**Credit Based Continuous Evaluation Grading System (CBCEGS)**

(Session 2026-27)

| <b>Post Graduate Diploma in Computer Applications Semester – II</b> |                                           |                    |                             |                |              |              |           |          |           |                                    |
|---------------------------------------------------------------------|-------------------------------------------|--------------------|-----------------------------|----------------|--------------|--------------|-----------|----------|-----------|------------------------------------|
| <b>Course Code</b>                                                  | <b>Course Title</b>                       | <b>Course Type</b> | <b>Hours Per Week L-T-P</b> | <b>Credits</b> |              | <b>Marks</b> |           |          |           | <b>Examination time (in Hours)</b> |
|                                                                     |                                           |                    |                             | <b>L-T-P</b>   | <b>Total</b> | <b>Total</b> | <b>Th</b> | <b>P</b> | <b>CA</b> |                                    |
| PCAL-2111                                                           | Introduction to (Option I) 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                                  |
| <b>TOTAL CREDITS</b>                                                |                                           |                    |                             | 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 A-2:** Post Graduate Diploma in Computer Applications Semester I – II for the Session 2026-27 was discussed and passed.

**Item: Comp. Sc.11: 2026:3**

To discuss the proposed syllabi – DSCs, AECs, MDCs, VACs of the following Programs - batch wise (12+3+1+1) System of Education under Credit Based Continuous Evaluation Grading System – Session 2026-27 Sem I to VI:

- Bachelor of Computer Applications Semester I-II under Credit based Continuous Evaluation Grading System  
(Annexure B-1)
- Bachelor of Computer Applications Semester III-VI under Credit based Continuous Evaluation Grading System  
(Annexure B-2)
- Bachelor of Science (Information Technology) I-II under Credit based Continuous Evaluation Grading System  
(Annexure B-3)
- Bachelor of Science (Information Technology) III-VI under Credit based Continuous Evaluation Grading System  
(Annexure B-4)

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

**ANNEXURE B-1**

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**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)  
Batch 2026-30**

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| <b>Bachelor of Computer Applications /Bachelor of Computer Applications (Honours) Semester - I</b> |
|----------------------------------------------------------------------------------------------------|

| 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 /<br>BCAL-1031/<br>BCAL-1431 | Punjabi (Compulsory) /<br><sup>1</sup> Basic Punjabi/<br><sup>2</sup> 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                           |
| BCAM-1115                              | Introduction to Computers and Information Technology                                             | DSC         | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30 | 3                           |
| BCAP-1116                              | Lab on Programming – C                                                                           | 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                                                                               | VAAC        | 2-0-0          | 2-0-0  | 2     | 50    | 35   | -  | 15 | 3                           |
|                                        | Total                                                                                            |             |                |        | 27    | 700   |      |    |    |                             |

**Note:**

**C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course**

**AEC – Ability Enhancement Course, VAAC – Value Added Audit Course**

<sup>1</sup> Special course in lieu of Punjabi (Compulsory)

<sup>2</sup> 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.**

## **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**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)**

**Batch 2026-30**

**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/<br>BCAL-2031/<br>BCAL-2431 | Punjabi (Compulsory)<br><sup>1</sup> Basic Punjabi<br><sup>2</sup> 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                             | Object Oriented Programming (JAVA)                                                            | 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 (JAVA)                                                     | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -     | 35   | 15 | 3                           |
| VACD-2161                             | *Drug Abuse and Ethical Education                                                             | VAC         | 4-0-0          | 4-0-0  | 4     | 100   | 70    | -    | 30 | 3                           |
|                                       | <b>Total</b>                                                                                  |             |                |        | 28    | 700   |       |      |    |                             |

**Note:**

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

<sup>1</sup> Special course in lieu of Punjabi (Compulsory)

<sup>2</sup> 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.**

**Proceedings - Annexure B-1:** Bachelor of Computer Applications Semester I-II for the Session 2026-27 was discussed . As per the suggestions of the Experts, we have reduced 2 credits for the Course on Introduction to Computers and Information Technology, and made it 2-0-2 ( Theory +Practical) instead of 4-0-0 and 0-0-2.

Also, Foundation Course is a Value Added Course, 2 credits of which are not to be added in CGPA and SGPA.

**ANNEXURE B-2**

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
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 2026-27)**

| Bachelor of Computer Applications /Bachelor of Computer Applications (Honours) Semester - III |                                              |             |                |        |       |       |      |    |    |                  |
|-----------------------------------------------------------------------------------------------|----------------------------------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------|
| Course Code                                                                                   | Course Title                                 | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time |
|                                                                                               |                                              |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA | (in Hours)       |
|                                                                                               |                                              |             |                |        |       |       | 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 | Minor       | 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 Spreadsheet and Tableau  | SEC         | 2-0-2          | 2-0-1  | 3     | 100   | 40   | 30 | 30 | 3+3              |

|           |                         |     |       |       |    |     |    |   |    |   |
|-----------|-------------------------|-----|-------|-------|----|-----|----|---|----|---|
| VACE-3221 | * Environmental Studies | VAC | 2-0-0 | 2-0-0 | 2  | 50  | 35 | - | 15 | 3 |
|           | <b>Total</b>            |     |       |       | 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.**

## **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

### **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 2026-27)**

| Bachelor of Computer Applications /Bachelor of Computer Applications (Honours) Semester - IV |                                      |             |                |        |       |       |      |    |    |                                    |
|----------------------------------------------------------------------------------------------|--------------------------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------------|
| Course Code                                                                                  | Course Title                         | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(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                                  |
| BCAM-4105                                                                                    | Effective Soft Skills                | AEC         | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30 | 3+3                                |
| BCAP-4116                                                                                    | Lab on Data Structures               | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                                  |
| BCAP-4117                                                                                    | Lab on Web Designing and Development | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                                  |

|           |                                                   |      |       |       |    |     |    |   |    |   |
|-----------|---------------------------------------------------|------|-------|-------|----|-----|----|---|----|---|
| VACP-4511 | *Personality Development and Gender Sensitization | VAAC | 2-0-0 | 2-0-0 | 2  | 50  | 35 | - | 15 | 3 |
|           | <b>Total</b>                                      |      |       |       | 26 | 650 |    |   |    |   |

**Note:**

**C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course**

**AEC – Ability Enhancement Course, VAAC – Value Added Audit Course**

**Note:**

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

## **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

### **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 2026-27**

#### **Bachelor of Computer Applications Semester V**

| Bachelor of Computer Applications Semester V |                                          |             |                |        |       |       |      |    |    |                              |
|----------------------------------------------|------------------------------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------|
| Course Code                                  | Course Title                             | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examinati on Time (in Hours) |
|                                              |                                          |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA |                              |
|                                              |                                          |             |                |        |       |       | L    | P  |    |                              |
| BCAL-5111                                    | Object Oriented Programming -II          | DSC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                            |
| BCAL-5112                                    | Web Development (Full Stack Development) | DSC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                            |
| BCAL-5113                                    | Operating System                         | DSC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                            |
| BCAL-5114                                    | Machine Learning                         | AEC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                            |
| BCAP-5115                                    | Lab on Object Oriented Programming- II   | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                            |
| BCAP-5116                                    | Lab on Full Stack Development            | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                            |
| BCAI-5117                                    | Internship                               | C           | 0-0-4          | 0-0-2  | 2     | 50    | -    | 50 | -  | 3                            |



|           |                        |      |       |       |    |     |    |    |    |     |
|-----------|------------------------|------|-------|-------|----|-----|----|----|----|-----|
| BCAM-5110 | Server-Side Programing | SEC  | 2-0-2 | 2-0-1 | 3  | 100 | 40 | 30 | 30 | 3+3 |
| VACJ-5551 | *Job Readiness Course  | VAAC | 2-0-0 | 2-0-0 | 2  | 50  | 35 | -  | 15 | 1   |
|           | <b>Total</b>           |      |       |       | 27 | 700 |    |    |    |     |

**Note:**

**C – Compulsory, VAAC – Value Added Audit Course, DSC – Discipline Specific Course, SEC – Skill Enhancement Course**

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

## Kanya Maha Vidyalaya, Jalandhar (Autonomous)

### 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 2026-27

| Bachelor of Computer Applications Semester VI |                                  |             |                |        |       |       |      |     |    |                                    |
|-----------------------------------------------|----------------------------------|-------------|----------------|--------|-------|-------|------|-----|----|------------------------------------|
| Course Code                                   | Course Title                     | Course Type | Hours per week | Credit |       | Marks |      |     |    | Examination Time<br><br>(in Hours) |
|                                               |                                  |             | L-T-P          | L-T-P  | Total | Total | Ext. |     | CA |                                    |
|                                               |                                  |             |                |        |       |       | L    | P   |    |                                    |
| BCAL-6111                                     | Information Security and Threats | MDC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -   | 30 | 3                                  |
| BCAL-6112                                     | Software Engineering             | DSC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -   | 30 | 3                                  |
| BCAL-6113                                     | Computer Graphics                | Minor       | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -   | 30 | 3                                  |
| BCAP-6114                                     | Lab on Graphics Designing        | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35  | 15 | 3                                  |
| BCAD-6115                                     | Project                          | DSC         | 0-0-16         | 0-0-8  | 8     | 200   | -    | 140 | 60 | 3                                  |

|           |                                        |     |       |       |    |     |    |   |    |   |
|-----------|----------------------------------------|-----|-------|-------|----|-----|----|---|----|---|
| VACH-6401 | Human Rights and Constitutional Rights | VAC | 2-0-0 | 2-0-0 | 2  | 50  | 35 | - | 15 | 3 |
|           | <b>Total</b>                           |     |       |       | 24 | 600 |    |   |    |   |

**Note:**

**C-Compulsory, DSC – Discipline Specific Course, VAC – Value Added Course**

**MDC – Multi Disciplinary Course**

**Proceedings - Annexure B-2:** Bachelor of Computer Applications Semester III – VI for the Session 2026-27 was discussed and passed.

### ANNEXURE B-3

#### **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**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 2026-27**

| Bachelor of Science (Information Technology) /Bachelor of Science (Honours) Information Technology<br>Semester - I |                                                                                     |                    |                   |        |       |       |      |   |    |                                        |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|-------------------|--------|-------|-------|------|---|----|----------------------------------------|
| Course<br>Code                                                                                                     | Course Title                                                                        | Cour<br>se<br>Type | Hours<br>per week | Credit |       | Marks |      |   |    | Examinati<br>on Time<br><br>(in Hours) |
|                                                                                                                    |                                                                                     |                    | L-T-P             | L-T-P  | Total | Total | Ext. |   | CA |                                        |
|                                                                                                                    |                                                                                     |                    |                   |        |       |       | L    | P |    |                                        |
| BITL-1421 /<br><br>BITL-1031/<br><br>BITL-1431                                                                     | Punjabi<br><br>(Compulsory) /<br><br>¹ Basic Punjabi/<br><br>²Punjab History<br>and | C                  | 4-0-0             | 4-0-0  | 4     | 100   | 70   | - | 30 | 3                                      |

|           |                                     |       |       |       |    |     |    |    |    |     |
|-----------|-------------------------------------|-------|-------|-------|----|-----|----|----|----|-----|
|           | 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   |
| BITM-1115 | Fundamentals of Computers           | DSC   | 2-0-4 | 2-0-2 | 4  | 100 | 40 | 30 | 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                  | VAA C | 2-0-0 | 2-0-0 | 2  | 50  | 35 | -  | 15 | 3   |
|           | <b>Total</b>                        |       |       |       | 27 | 700 |    |    |    |     |

**Note:**

**C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course**

**AEC – Ability Enhancement Course, VAAC – Value Added Audit Course**

<sup>1</sup> Special course in lieu of Punjabi (Compulsory)

<sup>2</sup> 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.**

## **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**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 2026-27**

| Bachelor of Science (Information Technology) /Bachelor of Science (Honours) Information Technology |                                                                                                     |                    |                   |        |       |       |      |    |    |                                       |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------|-------------------|--------|-------|-------|------|----|----|---------------------------------------|
| Semester - II                                                                                      |                                                                                                     |                    |                   |        |       |       |      |    |    |                                       |
| Course Code                                                                                        | Course Title                                                                                        | Cour<br>se<br>Type | Hours per<br>week | Credit |       | Marks |      |    |    | Examination<br>Time<br><br>(in Hours) |
|                                                                                                    |                                                                                                     |                    | L-T-P             | L-T-P  | Total | Total | Ext. |    | CA |                                       |
|                                                                                                    |                                                                                                     |                    |                   |        |       |       | L    | P  |    |                                       |
| BITL-2421/<br><br>BITL-2031/<br>BITL-2431                                                          | Punjabi<br>(Compulsory)<br><sup>1</sup> Basic Punjabi<br><sup>2</sup> Punjab History<br>and Culture | C                  | 4-0-0             | 4-0-0  | 4     | 100   | 70   | -  | 30 | 70                                    |
| BITM-2102                                                                                          | Communication<br>Skills in<br>English-II                                                            | MDC                | 3-0-2             | 3-0-1  | 4     | 100   | 50   | 20 | 30 | 3+3                                   |
| BITL-2113                                                                                          | Computer<br>Networks                                                                                | DSC                | 4-0-0             | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                     |
| BITL-2114                                                                                          | Database<br>Management<br>System                                                                    | DSC                | 4-0-0             | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                     |
| BITL-2115                                                                                          | Object<br>Oriented<br>Programming<br>(JAVA)                                                         | DSC                | 4-0-0             | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                     |
| BITP-2116                                                                                          | Lab on Database<br>Management<br>System                                                             | DSC                | 0-0-4             | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                                     |
| BITP-2117                                                                                          | Lab on Object<br>Oriented<br>Programming<br>(JAVA)                                                  | DSC                | 0-0-4             | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                                     |
| VACD-2161                                                                                          | *Drug Abuse and<br>Ethical Education                                                                | VAC                | 4-0-0             | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                     |
|                                                                                                    | Total                                                                                               |                    |                   |        | 28    | 700   |      |    |    |                                       |

**Note:**

**C – Compulsory, DSC – Discipline Specific Course, SEC – Skill Enhancement Course**

**MDC –Multi Disciplinary Course, VAC – Value Added Course**<sup>1</sup> Special course in lieu of Punjabi (Compulsory)<sup>2</sup> 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.

**Proceedings - Annexure B-3:** Bachelor of Science (Information Technology) Semester I-II for the Session 2026-27 was discussed . As per the suggestions of the Experts, we have reduced 2 credits for the Course on **Fundamentals of Computers** , and made it 2-0-2 ( Theory +Practical) instead of 4-0-0 and 0-0-2.

Also, Foundation Course is a Value-Added Course, 2 credits of which are not to be added in CGPA and SGPA.

**ANNEXURE B-4****Kanya Maha Vidyalaya, Jalandhar (Autonomous)****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 2026-27**

| 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<br><br>(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               | Minor       | 4-0-0          | 4-0-0  | 4     | 100   | 70   | - | 30 | 3                                  |

|           |                                             |     |       |       |    |     |    |    |    |     |
|-----------|---------------------------------------------|-----|-------|-------|----|-----|----|----|----|-----|
|           | Statistical Techniques                      |     |       |       |    |     |    |    |    |     |
| 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 |
| VACE-3221 | * Environmental Studies                     | VAC | 2-0-0 | 2-0-0 | 2  | 50  | 35 | -  | 15 | 3   |
|           | <b>Total</b>                                |     |       |       | 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.**

## **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**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 2026-27**

**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 |   |
|-------------|---------------------------------------------------|-------------|----------------|--------|-------|-------|------|----|------------------|---|
|             |                                                   |             | 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 |
| BITM-4105   | Effective Soft Skills                             | AEC         | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30               | 3 |
| BITP-4116   | Lab on Web Development                            | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15               | 3 |
| BITP-4117   | Lab on Object Oriented Programming – II           | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15               | 3 |
| VACP-4511   | *Personality Development and Gender Sensitization | VAAC        | 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**

**AEC – Ability Enhancement Course, VAAC – Value Added Audit Course**

**Note:**

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

### **Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**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 2026-27**

| Bachelor of Science (Information Technology) Semester V |                            |             |                |        |       |       |      |    |    |                                    |
|---------------------------------------------------------|----------------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------------|
| Course Code                                             | Course Title               | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(in Hours) |
|                                                         |                            |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA |                                    |
|                                                         |                            |             |                |        |       |       | L    | P  |    |                                    |
| BITL-5111                                               | Data Structures            | DSC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                  |
| BITL-5112                                               | Web Technologies           | DSC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                  |
| BITL-5113                                               | Operating System           | Minor       | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                  |
| BITL-5114                                               | Knowledge Management       | AEC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -  | 30 | 3                                  |
| BITP-5115                                               | Lab on Web Technologies    | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                                  |
| BITP-5116                                               | Lab on Data Structures     | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35 | 15 | 3                                  |
| BITI-5117                                               | Internship                 | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 50 | -  | 3                                  |
| BITM-5110                                               | Cybersecurity Fundamentals | SEC         | 2-0-2          | 2-0-1  | 3     | 100   | 40   | 30 | 30 | 3+3                                |
| VACJ-5551                                               | *Job Readiness Course      | VAAC        | 2-0-0          | 2-0-0  | 2     | 50    | 35   | -  | 15 | 1                                  |
|                                                         | Total                      |             |                |        | 27    | 700   |      |    |    |                                    |

**Note:**

**C – Compulsory, VAAC – Value Added Audit Course, DSC – Discipline Specific Course, SEC – Skill Enhancement Course**

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

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**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 2026-27**



| Bachelor of Science (Information Technology) Semester VI |                                        |             |                |        |       |       |      |     |    |                                    |
|----------------------------------------------------------|----------------------------------------|-------------|----------------|--------|-------|-------|------|-----|----|------------------------------------|
| Course Code                                              | Course Title                           | Course Type | Hours per week | Credit |       | Marks |      |     |    | Examination Time<br><br>(in Hours) |
|                                                          |                                        |             | L-T-P          | L-T-P  | Total | Total | Ext. |     | CA |                                    |
|                                                          |                                        |             |                |        |       |       | L    | P   |    |                                    |
| BITL-6111                                                | Computer Graphics                      | DSC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -   | 30 | 3                                  |
| BITL-6112                                                | Digital Marketing                      | MDC         | 4-0-0          | 4-0-0  | 4     | 100   | 70   | -   | 30 | 3                                  |
| BITP-6113                                                | Lab on Computer Graphics               | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35  | 15 | 3                                  |
| BITP-6114                                                | Lab on Digital Marketing               | DSC         | 0-0-4          | 0-0-2  | 2     | 50    | -    | 35  | 15 | 3                                  |
| BITD-6115                                                | Project                                | DSC         | 0-0-16         | 0-0-8  | 8     | 200   | -    | 140 | 60 | 3                                  |
| VACH-6401                                                | Human Rights and Constitutional Rights | VAC         | 2-0-0          | 2-0-0  | 2     | 50    | 35   | -   | 15 | 3                                  |
|                                                          | Total                                  |             |                |        | 22    | 550   |      |     |    |                                    |

**Note:**

**C-Compulsory, DSC – Discipline Specific Course, VAC – Value Added Course**

**MDC – Multi Disciplinary Course**

**Proceedings - Annexure B-4:** Bachelor of Science (Information Technology) Semester III-VI for the Session 2026-27 was discussed and passed.

**Item: Comp. Sc. 11: 2026:4**

To discuss the proposed syllabi of the Certificate in Computer Applications the session 2026-27 under Credit Based Continuous Evaluation Grading System.

- Diploma in Computer Applications Semester I - II (Annexure C)  
(with the Exit Option of Certificate Course in Computer Applications after two semesters)

Diploma in Computer Applications Semester III-IV ( If any student wants to continue for IIIrd and IVth Sem), the scheme will be framed as per the guidelines of the Parent University.

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
**SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DIPLOMA PROGRAMME**  
**CERTIFICATE IN COMPUTER APPLICATIONS – ONE YEAR DIPLOMA**  
**DIPLOMA IN COMPUTER APPLICATIONS – TWO YEAR DIPLOMA**  
**Session 2026-27**

| <b>Diploma in Computer Applications Semester - I</b> |                                                |                    |                             |                |              |              |            |          |           |                                    |
|------------------------------------------------------|------------------------------------------------|--------------------|-----------------------------|----------------|--------------|--------------|------------|----------|-----------|------------------------------------|
| <b>Course Code</b>                                   | <b>Course Title</b>                            | <b>Course Type</b> | <b>Hours Per Week L-T-P</b> | <b>Credits</b> |              | <b>Marks</b> |            |          |           | <b>Examination time (in Hours)</b> |
|                                                      |                                                |                    |                             | <b>L-T-P</b>   | <b>Total</b> | <b>Total</b> | <b>Th.</b> | <b>P</b> | <b>CA</b> |                                    |
| <b>DCAL- 1111</b>                                    | Information Technology and Operating System    | C                  | 4 -0-0                      | 4 -0-0         | 4            | 100          | 70         | -        | 30        | 3                                  |
| <b>DCAL - 1112</b>                                   | PC Computing–I (Back Office Operations)        | C                  | 4 -0-0                      | 4 -0-0         | 4            | 100          | 70         | -        | 30        | 3                                  |
| <b>DCAL-1113</b>                                     | Programming in C                               | C                  | 4 -0-0                      | 4 -0-0         | 4            | 100          | 70         | -        | 30        | 3                                  |
| <b>DCAP- 1114</b>                                    | Lab on PC Computing–I (Back Office Operations) | C                  | 0-0-6                       | 0-0-3          | 3            | 100          | -          | 70       | 30        | 3                                  |
| <b>DCAP – 1115</b>                                   | Lab on Programming in C                        | C                  | 0-0-6                       | 0-0-3          | 3            | 100          | -          | 70       | 30        | 3                                  |
| <b>DCAP-1116</b>                                     | Lab on Typing Skills                           | S                  | 0-0-4                       | 0-0-2          | 2            | 50           | -          | 35       | 15        | 3                                  |
| <b>TOTAL CREDITS</b>                                 |                                                |                    |                             | <b>20</b>      |              | <b>550</b>   |            |          |           |                                    |

**Note:**

**C – Compulsory, S-Skill Based**

## Kanya Maha Vidyalaya, Jalandhar (Autonomous)

SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR DIPLOMA PROGRAMME

CERTIFICATE IN COMPUTER APPLICATIONS – ONE YEAR DIPLOMA

DIPLOMA IN COMPUTER APPLICATIONS – TWO YEAR DIPLOMA

Session 2026-27

| 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 |                             |
| <b>DCAL - 2111</b>                             | Database Management System        | C           | 4 -0-0               | 4 -0-0  | 4     | 100   | 70 | -  | 30 | 3                           |
| <b>DCAL -2112</b>                              | Internet Applications             | C           | 4 -0-0               | 4 -0-0  | 4     | 100   | 70 | -  | 30 | 3                           |
| <b>DCAP – 2113</b>                             | Lab on Database Management System | C           | 0-0-6                | 0-0-3   | 3     | 100   | -  | 70 | 30 | 3                           |
| <b>DCAP-2114</b>                               | Lab on Creative Design            | C           | 0-0-6                | 0-0-3   | 3     | 100   | -  | 70 | 30 | 3                           |
| <b>DCAP-2115</b>                               | Lab on Internet Applications      | C           | 0-0-6                | 0-0-3   | 3     | 100   | -  | 70 | 30 | 3                           |
| <b>DCAD-2116</b>                               | Minor Project                     | C           | 0-0-6                | 0-0-3   | 3     | 100   | -  | 70 | 30 | 3                           |
| <b>TOTAL CREDITS</b>                           |                                   |             |                      | 20      |       | 600   |    |    |    |                             |

**Note:**

**C - Compulsory**

**Proceedings - Annexure C:** Certificate Course in Computer Applications Semester I - II for the Session 2026-27 was discussed and passed.

**Item: Comp. Sc. 11: 2026:5**

- To discuss the proposed syllabi of additional / optional paper for Specialization in Data Science domain for B.Sc.(IT)/BCA Semester I-VI - Credit Based Continuous Evaluation Grading System for the session 2026-27.

**Annexure D****Kanya Maha Vidyalaya, Jalandhar (Autonomous)****SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME**

**Bachelor of Science (Information Technology)/  
Bachelor of Computer Applications  
Credit Based Continuous Evaluation Grading System**

**Session 2026-27****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 |
|                                                                                              |                             |             |                |        |       |       | L    | P |                             |    |
| BITL-1117/<br>BCAL-1117                                                                      | *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<br><br>(in Hours) |    |
|                                                                                               |             |             | L-T-P          | L-T-P  | Total | Total | Ext. |   |                                    | CA |
|                                                                                               |             |             |                |        |       |       | L    | P |                                    |    |

|                                 |                                                         |   |       |       |   |     |    |   |    |   |
|---------------------------------|---------------------------------------------------------|---|-------|-------|---|-----|----|---|----|---|
| <b>BITL-2118/<br/>BCAL-2118</b> | <b>*Statistical<br/>Techniques for<br/>Data Science</b> | O | 3-1-0 | 3-1-0 | 4 | 100 | 70 | - | 30 | 3 |
|                                 | <b>Total</b>                                            |   |       |       | 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<br><br>(in Hours) |        |
|                                                                                                |                     |             | L-T-P          | L-T-P  | Total | Total | Ext. |    |                                    | C<br>A |
|                                                                                                |                     |             |                |        |       |       | L    | P  |                                    |        |
| BITM-3118/<br>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<br><br>(in Hours) |
|                                                                                               |                                       |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA |                                    |
|                                                                                               |                                       |             |                |        |       |       | L    | P  |    |                                    |
| BITM-4118/<br>BCAM-4118                                                                       | * 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**

| 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/<br>BCAL-5118                                                                      | * Data Mining and Data Warehousing | O           | 4-0-0          | 4-0-0  | 4     | 100   | 70   | - | 30 | 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 | Total | Ext. |    |                             | CA  |
|                                                                                               |                          |             |                |        |       |       | L    | P  |                             |     |
| BITM-6116/<br>BCAM-6116                                                                       | * Data Mining using Weka | O           | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30                          | 3+3 |
|                                                                                               | Total                    |             |                |        | 4     | 100   |      |    |                             |     |

**Proceedings - Annexure D:** Additional / optional paper for Specialization in Data Science domain for B.Sc. (IT)/BCA Semester I-VI for the Session 2026-27 was discussed and passed.

**Item: Comp. Sc. 11: 2026:6**

To discuss the proposed syllabi of Computer Science / Computer Applications (Vocational) as an elective subject in B.A./B.Sc. for the session 2026-27:

- Bachelor of Arts/ Bachelor of Science - Computer Science Semester I - VI under Credit Based Continuous Evaluation Grading System for the session 2026-27.

**(Annexure E-1)**

- Bachelor of Arts/ Bachelor of Science - Computer Applications (vocational) Semester I - VI under Credit Based Continuous Evaluation Grading System for the session 2026-27.

**(Annexure E-2)**

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

- Bachelor of Arts/ Bachelor of Science – Skill Based SEC Paper - Computer Applications and/or Computer Science Semester VI under Credit Based Continuous Evaluation Grading System for the session 2026-27. **(Annexure F)**

## ANNEXURE E-1

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**DSCs - FOUR YEAR DEGREE PROGRAMME**

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

**Bachelor of Science (Economics) (Honours)**

**Session 2026-27**

| <b>Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/</b><br><b>Bachelor of Science (Economics) (Honours)</b><br><b>Semester-I</b> |                                                                 |                            |                  |                |        |       |       |       |      |    |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------|------------------|----------------|--------|-------|-------|-------|------|----|-----------------------------|
| 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.<br><br>Semester I/<br><br>Bachelor of Science (Computer Science) Hons.                                                                  | Computer Science<br><br>(Computer Fundamentals and PC Software) | BARM-1134<br><br>BCSM-1134 | DS C<br><br>DS C | 3-0-2          | 3-0-1  | 4     | 100   | 40    | 30   | 30 | 3+3                         |

|                                                               |  |               |         |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------|--|---------------|---------|--|--|--|--|--|--|--|--|
| Semester I /                                                  |  |               |         |  |  |  |  |  |  |  |  |
| Bachelor of<br>Science<br>(Economics<br>) Hons.<br>Semester I |  | BECM-<br>1134 | DS<br>C |  |  |  |  |  |  |  |  |

| Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/<br>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. Semester II /<br><br>Bachelor of Science (Computer Science) Hons. Semester II/<br><br>Bachelor of Science (Economics ) Hons. Semester II | Computer Science (Programming in C) | BARM-2134<br><br><br>BCSM-2134<br><br><br>BECM-2134 | DS C<br><br><br>DS C<br><br><br>DS C | 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-III**

| Program Name                                                                                                                                                                                                   | Course Title                                                           | Course Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Course Type | Hours per week | Credit |       | Marks |      |   | Examination Time (in Hours) |    |
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             | L-T-P          | L-T-P  | Total | Total | Ext. |   |                             | CA |
|                                                                                                                                                                                                                |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                |        |       |       | L    | P |                             |    |
| Bachelor of Arts Hons. Semester III /<br><br>Bachelor of Science (Computer Science) Hons. Semester III/<br><br><br><br><br><br><br><br><br><br><br><br><br>Bachelor of Science (Economics ) Hons. Semester III | Computer Science (Computer Oriented Numerical and Statistical Methods) | BARM-3134<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br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|             |                |        |       |       |      |   |                             |    |

**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 /<br><br>Bachelor of Science (Computer Science) Hons. Semester IV/<br><br>Bachelor of Science (Economics ) Hons. Semester IV | Computer Science (Data Structures using C++) | BARM-4134<br><br>BCSM-4134<br><br>BECM-4134 | DSC<br><br>DSC<br><br>DSC | 3-0-2          | 3-0-1  | 4     | 100   | 40   | 30 | 30 | 3+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<br>(in Hours) |     |
|                                                                                                          |             |                  |             | L-T-P          | L-T-P  | Total | Total | Ext. |    |                                | C A |
|                                                                                                          |             |                  |             |                |        |       |       | L    | P  |                                |     |
| Bachelor of Arts<br><br>Semester V/                                                                      | BARM-5134   | Computer Science | DSC         | 3-0-2          | 3-0-1  | 4     | 100   | 40   | 30 | 30                             | 3+3 |

|                                                           |            |                               |     |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------|------------|-------------------------------|-----|--|--|--|--|--|--|--|--|
| Bachelor of Science<br>(Computer Science)<br>Semester V / | BCSM-5134  | (Database Management Systems) | DSC |  |  |  |  |  |  |  |  |
| Bachelor of Science<br>(Economics)<br>Semester V          | BECSM-5134 |                               | DSC |  |  |  |  |  |  |  |  |

| 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<br>(in Hours) |     |
|                                                                                                          |             |                                  |             | L-T-P          | L-T-P  | Total | Total | Ext. |    |                                | C A |
|                                                                                                          |             |                                  |             |                |        |       |       | L    | P  |                                |     |
| Bachelor of Arts- Semester VI/                                                                           | BARM-6134   | Computer Science                 | DSC         | 3-0-2          | 3-0-1  | 4     | 100   | 40   | 30 | 30                             | 3+3 |
| Bachelor of Science- Semester VI/                                                                        | BCSM-6134   | (Web Designing and Development ) | DSC         |                |        |       |       |      |    |                                |     |
| Bachelor of Science (Economics) -Semester                                                                |             |                                  | DSC         |                |        |       |       |      |    |                                |     |

|    |            |  |  |  |  |  |  |  |  |  |  |
|----|------------|--|--|--|--|--|--|--|--|--|--|
| VI | BECEM-6134 |  |  |  |  |  |  |  |  |  |  |
|----|------------|--|--|--|--|--|--|--|--|--|--|

**Proceedings – Annexure E-1:** Bachelor of Arts/ Bachelor of Science - Computer Science Semester I - VI under Credit Based Continuous Evaluation Grading System for the session 2026-27 was discussed and passed.

## Annexure E-2

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
**DSCs - FOUR YEAR DEGREE PROGRAMME**  
**Bachelor of Arts Honours / Bachelor of Science (Economics) Hons.**  
**COMPUTER APPLICATIONS (VOCATIONAL)**  
**Session 2026-27**

| 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<br>(in Hours) |     |
|                                                                             |             |                                         |             | L-T-P          | L-T-P  | Total | Total | Ext. |    |                                | C A |
|                                                                             |             |                                         |             |                |        |       |       | L    | P  |                                |     |
| Bachelor of Arts Sem- I                                                     | BARM-1124   | Computer Applications (Vocational)      | DSC         | 3-0-2          | 3-0-1  | 4     | 100   | 40   | 30 | 30                             | 3+3 |
| Bachelor of Science (Economics)- Sem I                                      | BECEM-1124  | (Computer Fundamentals and PC Software) | DSC         |                |        |       |       |      |    |                                |     |

| 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<br><br>(in Hours) |
|                                                                             |             |              |             | L-T-P          | L-T-P  | Total | Total | Ext. | CA |                                    |

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

**Bachelor of Arts / Bachelor of Science (Economics) Semester-III**

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

**Bachelor of Arts / Bachelor of Science (Economics) Semester-IV**

| Program Name | Course Code | Course Title | Course Type | Hours per week | Credit | Marks | Examination Time |
|--------------|-------------|--------------|-------------|----------------|--------|-------|------------------|
|--------------|-------------|--------------|-------------|----------------|--------|-------|------------------|

|                                         |           |                                    |   | L-T-P | L-T-P | Total | Total | Ext. |    | CA | (in Hours) |
|-----------------------------------------|-----------|------------------------------------|---|-------|-------|-------|-------|------|----|----|------------|
|                                         |           |                                    |   |       |       |       |       | L    | P  |    |            |
| Bachelor of Arts Sem- IV                | BARM-4124 | Computer Applications (Vocational) | E | 3-0-2 | 3-0-1 | 4     | 100   | 40   | 30 | 30 | 3+3        |
| Bachelor of Science (Economics)- Sem IV | BECM-4124 | (Database Management Systems )     | E |       |       |       |       |      |    |    |            |

**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. |    |                             | C A |
|                                        |             |                                    |             |                |        |       |       | L    | P  |                             |     |
| Bachelor of Arts Sem- V                | BARM-5124   | Computer Applications (Vocational) | DSC         | 3-0-2          | 3-0-1  | 4     | 100   | 40   | 30 | 30                          | 3+3 |
| Bachelor of Science (Economics)- Sem V | BECM-5124   | (Web Designing and Development)    | DSC         |                |        |       |       |      |    |                             |     |

**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 |
|--------------|-------------|--------------|-------------|----------------|--------|-------|------------------|
|--------------|-------------|--------------|-------------|----------------|--------|-------|------------------|

|                                         |            |                                    |     | L-T-P | L-T-P | Total | Total | Ext. |    | CA | (in Hours) |
|-----------------------------------------|------------|------------------------------------|-----|-------|-------|-------|-------|------|----|----|------------|
|                                         |            |                                    |     |       |       |       |       | L    | P  |    |            |
| Bachelor of Arts Sem- VI                | BARM-6124  | Computer Applications (Vocational) | DSC | 3-0-2 | 3-0-1 | 4     | 100   | 40   | 30 | 30 | 3+3        |
| Bachelor of Science (Economics)- Sem VI | BECEM-6124 | (E-Business and Digital Marketing) | DSC |       |       |       |       |      |    |    |            |

**Proceedings – Annexure E-2:** Bachelor of Arts/ Bachelor of Science - Computer Applications (Vocational) Semester I - VI under Credit Based Continuous Evaluation Grading System for the session 2026-27 was discussed and passed.

#### ANNEXURE F

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**DSCs - FOUR YEAR DEGREE PROGRAMME**

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

**Bachelor of Science (Economics) (Honours)**

**Session 2026-27**

| 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  |    |                             |
| Computer Science<br><br>(DATA VISUALIZATION) |             | SEC         | 2-0-2          | 2-0-1  | 3     | 100   | 40   | 30 | 30 | 3+3                         |

**Proceedings – Annexure F:** Bachelor of Arts/ Bachelor of Science - Computer Science Semester IV under Credit Based Continuous Evaluation Grading System – Paper under SEC course type for the session 2026-27 was discussed and passed.

**Item: Comp. Sc. 11: 2026: 7**

To discuss and approve the syllabi of Computer as a subject for inter departmental courses for the session 2026-27:

- Master of Science (Chemistry) Semester I – Computer for Chemists (Annexure G-1)
- Master of Science (Zoology) Semester I – Computer Programming and Data Processing (Annexure G-2)
- Master of Science (Economics) Semester III - Data Science For Economists (Annexure G-3)
- Master of Commerce (FYIP) Semester I - Digital Fluency and Semester II - Web Based Applications for Office Management (Annexure G-4)
- Master of Commerce Semester IV – E-Commerce (Annexure G-5)
- Master of Science (Mathematics) (FYIP) Semester I - Programming Language – I, Semester II - Object Oriented Programming C++, Semester IV – Statistical Computing using R Programming, Semester V – Machine Learning, Semester VI – Data and File Structures, Semester VII – Machine Learning and Semester VIII – Data and File Structures (Annexure G-6)
- Bachelor of Business Administration Hons. / Bachelor of Business Administration (Honours) – Airlines and Airport Management Semester I – Computer Applications for Business (Annexure G-7)
- Bachelor of Science (Honours) Home Science Semester I – Computer Basics & Semester II – Computer Applications for Home Scientists (Annexure G-8)
- Bachelor of Medical Laboratory Science Semester I – Basics of Computer Applications (Annexure G-9)
- Bachelor of Vocation (Retail Management) Semester I – Computer Fundamentals (Annexure G-10)
- Bachelor of Vocation (Nutrition, Exercise and Health) Semester V – Internet Applications and Semester VI – Database Concepts (Annexure G-11)
- Bachelor of Vocation (Hospitality and Tourism) Semester II – Applications of Computer in Hospitality and Tourism (Annexure G-12)
- Master of Business Administration Semester I – Automated Spreadsheet Management (Annexure G-13)
- Bachelor of Commerce Semester I – Computer Applications in Business (Annexure G-14)



- Bachelor of Vocation (Nutrition and Dietetics) Semester III – Technology in Nutrition and Dietetics (Annexure G-15)
- Master of Arts (English) (FYIP) Semester III – Computer Skills (Annexure G-16)
- Master of Business Administration Semester IV – Artificial Intelligence in Business & Digital and Social Media Marketing (Annexure G-17)
- Bachelor of Business Administration Semester V – Excel for Managers (Annexure G-18)

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

#### ANNEXURE G-1

### Kanya Maha Vidyalaya, Jalandhar (Autonomous)

#### CURRICULUM AND SCHEME OF EXAMINATIONS OF TWO YEAR MASTER DEGREE PROGRAMME

### Master of Science (Chemistry)

Session 2026-27

| 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           | 2-0-2          | 2-0-1  | 3     | 100   | 40   | 30 | 30 | 3+3                         |

#### ANNEXURE G-2

### Kanya Maha Vidyalaya, Jalandhar (Autonomous)

#### SCHEME AND CURRICULUM OF EXAMINATIONS OF TWO YEAR MASTER DEGREE PROGRAMME

### MASTER OF SCIENCE (ZOOLOGY)

Credit Based Continuous Evaluation Grading System (CBCEGS)

**Session 2026-27**

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

**ANNEXURE G-3**

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME**

**MASTER OF SCIENCE (ECONOMICS) SEMESTER – III**

**Credit Based Continuous Evaluation Grading System (CBCEGS)**

**(Session 2026-27)**

| <b>MASTER OF SCIENCE (ECONOMICS) SEMESTER III</b> |                             |                    |                       |               |              |              |             |          |                                    |     |
|---------------------------------------------------|-----------------------------|--------------------|-----------------------|---------------|--------------|--------------|-------------|----------|------------------------------------|-----|
| <b>Course Code</b>                                | <b>Course Title</b>         | <b>Course Type</b> | <b>Hours per week</b> | <b>Credit</b> |              | <b>Marks</b> |             |          | <b>Examination Time (in Hours)</b> |     |
|                                                   |                             |                    | <b>L-T-P</b>          | <b>L-T-P</b>  | <b>Total</b> | <b>Total</b> | <b>Ext.</b> |          | <b>CA</b>                          |     |
|                                                   |                             |                    |                       |               |              |              | <b>L</b>    | <b>P</b> |                                    |     |
| MECM-3175<br>(Opt-IX)                             | Data Science for Economists | C                  | 2-1-4                 | 2-1-2         | 5            | 100          | 40          | 30       | 30                                 | 3+3 |

**ANNEXURE G-4**

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**

**SCHEME AND CURRICULUM OF EXAMINATIONS OF FIVE YEARS INTEGRATED  
PROGRAMME**

**Master of Commerce (FYIP) Semester I & II  
(Session 2026-27)**

**Master of Commerce (FYIP) Semester I**

| Master of Commerce (FYIP) Semester I |                 |             |                |        |       |       |      |    |                                    |     |
|--------------------------------------|-----------------|-------------|----------------|--------|-------|-------|------|----|------------------------------------|-----|
| Course Code                          | Course Title    | Course Type | Hours per week | Credit |       | Marks |      |    | Examination Time<br><br>(in Hours) |     |
|                                      |                 |             | L-T-P          | L-T-P  | Total | Total | Ext. |    |                                    | CA  |
|                                      |                 |             |                |        |       |       | L    | P  |                                    |     |
| FCOM-1126                            | Digital Fluency | MDC         | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30                                 | 3+3 |

**Master of Commerce (FYIP) Semester II**

| Master of Commerce (FYIP) Semester II |                                              |             |                |        |       |       |      |    |                                |     |
|---------------------------------------|----------------------------------------------|-------------|----------------|--------|-------|-------|------|----|--------------------------------|-----|
| Course Code                           | Course Title                                 | Course Type | Hours per week | Credit |       | Marks |      |    | Examination Time<br>(in Hours) |     |
|                                       |                                              |             | L-T-P          | L-T-P  | Total | Total | Ext. |    |                                | CA  |
|                                       |                                              |             |                |        |       |       | L    | P  |                                |     |
| FCOM-2126                             | Web Based Applications for Office Management | MDC         | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30                             | 3+3 |

**ANNEXURE G-5****Kanya Maha Vidyalaya, Jalandhar (Autonomous)****SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME****MASTER OF COMMERCE SEMESTER- IV****Credit Based Continuous Evaluation Grading System (CBCEGS)****SESSION: 2026-27**

| Master of Commerce Semester IV |              |             |                |        |       |       |      |   |    |                                    |
|--------------------------------|--------------|-------------|----------------|--------|-------|-------|------|---|----|------------------------------------|
| Course Code                    | Course Title | Course Type | Hours per week | Credit |       | Marks |      |   |    | Examination Time<br><br>(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                                  |

**ANNEXURE G-6****Kanya Maha Vidyalaya, Jalandhar (Autonomous)****Scheme and Curriculum of Examinations of Five Year Integrated Programme****(Under Credit Based Continuous Evaluation Grading System) (CBCEGS)****Master of Science (Mathematics) (FYIP)****Session- 2026-27**

| MASTER OF SCIENCE (MATHEMATICS) (FYIP) SEMESTER I |                          |             |                |        |       |       |      |    |    |                                    |
|---------------------------------------------------|--------------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------------|
| Course Code                                       | Course Title             | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(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                                |

SEC-Skill Enhancement Course

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

C – Compulsory

| MASTER OF SCIENCE (MATHEMATICS) (FYIP) SEMESTER IV |                                           |             |                |        |       |       |      |    |    |                                    |
|----------------------------------------------------|-------------------------------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------------|
| Course Code                                        | Course Title                              | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(in Hours) |
|                                                    |                                           |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA |                                    |
|                                                    |                                           |             |                |        |       |       | L    | P  |    |                                    |
| FMAM-4134                                          | Statistical Computing Using R Programming | C           | 3-0-2          | 3-0-1  | 4     | 100   | 40   | 30 | 30 | 3+3                                |

C – Compulsory

| MASTER OF SCIENCE (MATHEMATICS) (FYIP) SEMESTER V |                  |             |                |        |       |       |      |   |    |                                    |
|---------------------------------------------------|------------------|-------------|----------------|--------|-------|-------|------|---|----|------------------------------------|
| Course Code                                       | Course Title     | Course Type | Hours per week | Credit |       | Marks |      |   |    | Examination Time<br><br>(in Hours) |
|                                                   |                  |             | L-T-P          | L-T-P  | Total | Total | Ext. |   | CA |                                    |
|                                                   |                  |             |                |        |       |       | L    | P |    |                                    |
| FMAL-5134                                         | Machine Learning | C           | 4-0-0          | 4-0-0  | 4     | 100   | 70   | - | 30 | 3                                  |

C – Compulsory

| MASTER OF SCIENCE (MATHEMATICS) (FYIP) SEMESTER VI |                   |             |                |        |       |       |      |   |    |                                    |
|----------------------------------------------------|-------------------|-------------|----------------|--------|-------|-------|------|---|----|------------------------------------|
| Course Code                                        | Course Title      | Course Type | Hours per week | Credit |       | Marks |      |   |    | Examination Time<br><br>(in Hours) |
|                                                    |                   |             | L-T-P          | L-T-P  | Total | Total | Ext. |   | CA |                                    |
|                                                    |                   |             |                |        |       |       | L    | P |    |                                    |
| FMAL-6134                                          | Data & Structures | C           | 4-0-0          | 4-0-0  | 4     | 100   | 70   | - | 30 | 3                                  |

C – Compulsory

| MASTER OF SCIENCE (MATHEMATICS) (FYIP) SEMESTER VII |                  |             |                |        |       |       |      |   |    |                             |
|-----------------------------------------------------|------------------|-------------|----------------|--------|-------|-------|------|---|----|-----------------------------|
| 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 |    |                             |
| FMAL-7134                                           | Machine Learning | C           | 4-0-0          | 4-0-0  | 4     | 100   | 80   | - | 20 | 3                           |

C – Compulsory

| MASTER OF SCIENCE (MATHEMATICS) (FYIP) SEMESTER VIII |                   |             |                |        |       |       |      |   |    |                             |
|------------------------------------------------------|-------------------|-------------|----------------|--------|-------|-------|------|---|----|-----------------------------|
| 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 |    |                             |
| FMAL-8134                                            | Data & Structures | C           | 4-0-0          | 4-0-0  | 4     | 100   | 80   | - | 20 | 3                           |

C – Compulsory

**ANNEXURE G-7**

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
**Bachelor of Business Administration Hons. / Bachelor of Business**  
**Administration (Honours) – Airlines and Airport Management**  
**Semester I**

**COMPUTER APPLICATIONS FOR BUSINESS**

**(Session 2026-27)**

**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<br><br>(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 |

**ANNEXURE G-8**

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
**Bachelor of Science (Honours) Home Science**  
**Session: 2026-27**

**Credit Based Continuous Evaluation Grading System (CBCEGS)**

| <b>Bachelor of Science (Honours) Home Science Semester I</b> |                     |                    |                       |               |              |                         |
|--------------------------------------------------------------|---------------------|--------------------|-----------------------|---------------|--------------|-------------------------|
| <b>Course Code</b>                                           | <b>Course Title</b> | <b>Course Type</b> | <b>Hours per week</b> | <b>Credit</b> | <b>Marks</b> | <b>Examination Time</b> |

|             |                 |   | L-T-P | L-T-P | Total | Total | Ext. |    | CA | (in Hours) |
|-------------|-----------------|---|-------|-------|-------|-------|------|----|----|------------|
|             |                 |   |       |       |       |       | 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<br><br>(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 |

#### ANNEXURE G-9

### Kanya Maha Vidyalaya, Jalandhar (Autonomous)

### Bachelor of Medical Laboratory Science

### Semester - I

### Session: 2026-27

#### Credit Based Continuous Evaluation Grading System (CBCEGS)

| Bachelor of Medical Laboratory Science Semester - I |                                 |             |                |        |       |       |      |    |    |                                    |
|-----------------------------------------------------|---------------------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------------|
| Course Code                                         | Course Title                    | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(in Hours) |
|                                                     |                                 |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA |                                    |
|                                                     |                                 |             |                |        |       |       | L    | P  |    |                                    |
|                                                     | Basics of Computer Applications | SEC         | 1-0-2          | 1-0-1  | 2     | 100   | 40   | 30 | 30 | 3+3                                |



**ANNEXURE G-10**

| Bachelor of Vocation (Retail Management) Semester-I |             |             |                       |                        |                 |           |      |    |    |                              |
|-----------------------------------------------------|-------------|-------------|-----------------------|------------------------|-----------------|-----------|------|----|----|------------------------------|
| S. N o.                                             | Course Code | Course Type | Course Title          | Hour s per week L-T- P | Credit s L-T- P | Max Marks |      |    |    | Examina tion time (in Hours) |
|                                                     |             |             |                       |                        |                 | Tot al    | Ext. |    | CA |                              |
|                                                     |             |             |                       |                        |                 |           | L    | P  |    |                              |
| 1                                                   | BVRM-1126   | S           | Computer Fundamentals | 1-0-2                  | 1-0-1           | 50        | 20   | 15 | 15 | 3+3                          |

**ANNEXURE G-11**

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)  
Session 2026-27**

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

**Course Code: BVNM- 5125**

| Course Title          | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(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 and Health) Semester-VI**

**Course Code: BVNM- 6127**

| <b>Course Title</b> | <b>Course<br/>Type</b> | <b>Hours<br/>per<br/>week</b> | <b>Credit</b> | <b>Marks</b> | <b>Examination<br/>Time</b> |
|---------------------|------------------------|-------------------------------|---------------|--------------|-----------------------------|
|---------------------|------------------------|-------------------------------|---------------|--------------|-----------------------------|

|                   |   | L-T-P | L-T-P | Total | Total | Ext. |    | CA | (in Hours) |
|-------------------|---|-------|-------|-------|-------|------|----|----|------------|
|                   |   |       |       |       |       | L    | P  |    |            |
| Database Concepts | S | 1-0-2 | 1-0-1 | 2     | 50    | 25   | 15 | 10 | 3+3        |

#### ANNEXURE G-12

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
**Bachelor of Vocation (Hospitality and Tourism) Semester II**  
**(Session 2026-27)**  
**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                         |

#### ANNEXURE G-13

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
**CURRICULUM AND SCHEME OF EXAMINATIONS OF TWO YEAR MASTER DEGREE**  
**PROGRAMME**  
**Master of Business Administration**  
**Session 2026-27**

| Master of Business Administration 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  |    |                             |
| MBAM-1126                                    | Automated Spreadsheet Management | C           | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30 | 3+3                         |

#### ANNEXURE G-14

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
 SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME  
**Bachelor of Commerce**  
**(Session 2026-27)**  
 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<br><br>(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 |

#### ANNEXURE G-15

**Kanya Maha Vidyalaya, Jalandhar (Autonomous)**  
**Bachelor of Vocation (Nutrition and Dietetics)**  
**Session: 2026-27**

Credit Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Vocation (Nutrition and 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                         |

#### ANNEXURE G-16

### Kanya Maha Vidyalaya, Jalandhar (Autonomous)

#### SCHEME AND CURRICULUM OF EXAMINATIONS OF FIVE YEARS INTEGRATED PROGRAMME

#### Master of Arts (English) (FYIP) Semester III (Session 2026-27)

| Master of Arts (English) (FYIP) Semester III |                 |             |                |        |       |       |      |    |    |                                    |
|----------------------------------------------|-----------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------------|
| Course Code                                  | Course Title    | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(in Hours) |
|                                              |                 |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA |                                    |
|                                              |                 |             |                |        |       |       | L    | P  |    |                                    |
| FENM-3127                                    | Computer Skills | AEC         | 2-0-4          | 2-0-2  | 4     | 100   | 40   | 30 | 30 | 3+3                                |

#### ANNEXURE G-17

### Kanya Maha Vidyalaya, Jalandhar (Autonomous)

#### SCHEME AND CURRICULUM OF EXAMINATION OF TWO-YEAR DEGREE PROGRAMME

#### Master of Business Administration (Under Credit Based Continuous Evaluation Grading System) SESSION: 2026-27

| Master of Business Administration Semester IV |                                     |             |                |                  |               |       |    |   |    |                             |
|-----------------------------------------------|-------------------------------------|-------------|----------------|------------------|---------------|-------|----|---|----|-----------------------------|
| Course Code                                   | Course Title                        | Course Type | Hours Per Week | Credits<br>L-T-P | Total Credits | Marks |    |   |    | Examination Time (in Hours) |
|                                               |                                     |             | L-T-P          |                  |               | Total | Th | P | CA |                             |
| MBAL-4111                                     | Artificial Intelligence in Business | Core Theory | 4-0-0          | 4-0-0            | 4             | 100   | 70 | - | 30 | 3                           |
| MBAL-4123<br>(opt. BIII)                      | Digital and Social Media Marketing  | Core Theory | 4-0-0          | 4-0-0            | 4             | 100   | 70 | - | 30 | 3                           |

#### ANNEXURE G-18

### Kanya Maha Vidyalaya, Jalandhar (Autonomous)

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME

Bachelor of Business Administration (Three Years Degree Programme)/

Bachelor of Business Administration (Honours) (Four Years Degree Programme)

(Session 2026-27)

Credit Based Continuous Evaluation Grading System (CBCEGS)

| Bachelor of Business Administration (Three Years Degree Programme)/<br>Bachelor of Business Administration (Honours) (Four Years Degree Programme)<br>Semester V |                    |             |                |        |       |       |      |    |    |                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|----------------|--------|-------|-------|------|----|----|------------------------------------|
| Course Code                                                                                                                                                      | Course Title       | Course Type | Hours per week | Credit |       | Marks |      |    |    | Examination Time<br><br>(in Hours) |
|                                                                                                                                                                  |                    |             | L-T-P          | L-T-P  | Total | Total | Ext. |    | CA |                                    |
|                                                                                                                                                                  |                    |             |                |        |       |       | L    | P  |    |                                    |
|                                                                                                                                                                  | Excel for Managers | SEC         | 2-0-2          | 2-0-1  | 3     | 100   | 40   | 30 | 30 | 3+3                                |

**Proceedings - Annexure G-1 to G-18:** 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 Board of Studies as well.

**Item: Comp. Sc. 11: 2026:8**

To discuss the proposed syllabi of Certificate Courses of the department for the session 2026-27 under Credit Based Continuous Evaluation Grading System.

- Mobile App Development (Annexure-H)

**Proceedings - Annexure H:** The syllabus for Certificate Course in Mobile App Development was discussed and passed for the Session 2026-27.

**Item: Comp. Sc. 11: 2026:9**

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 satisfied.

**Item: Comp. Sc. 11: 2026:10**

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.

**Item: Comp. Sc. 11: 2026:11**

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. 11: 2026:12**

To discuss the proposed list of examiners and evaluators for all the courses/programs - Computer classes/subjects for Session 2026-27.

**Proceedings:** The proposed list of examiners and evaluators was intimated and passed by the house.

**Item: Comp. Sc. 11: 2026:13**

To discuss the proposed activities and plans of department for the Academic session 2026-27.

**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.

Dr. Suman Khurana (Head)  
PG Department of Computer Science &  
Applications Kanya Maha Vidyalaya,  
Jalandhar

Dr. Sarbjeet Singh, Professor  
CSE, UIET Panjab University  
Chandigarh.

Mr. Anoop Sharma, Director, O7 Solutions,  
Badwal Complex  
Near Narinder Cinema, Jalandhar

Dr. Pardeep Arora (Assoc. Prof.)  
Department of Computer Science &  
Applications, KMV

Dr. Nitin Khanna (Asstt. Prof.)  
Department of Computer Sc. & Appls., KMV

Dr. Kuljeet Kaur  
Professor and Head  
Department of Computer Science  
Guru Nanak Dev University, Amritsar

Dr. Prabh Deep Singh, Associate Professor  
Department of CSE, Graphic Era Deemed to  
be University, Dehradun.

Ms. Shruti Singh, Senior Full Stack Developer  
Tecknow Deviser, Mohali

Dr. Ravi Khurana (Assoc. Prof.)  
Department of Computer Science &  
Applications, KMV

Ms. Vandana Sharma (Asstt. Prof.)  
Department of Computer Sc. & Appls., KMV