

The Heritage Institution
KANYA MAHA VIDYALAYA, JALANDHAR
(Autonomous)

Session 2026-27



2nd Meeting of Board of Studies

MCA (Masters of Computer Applications)
(Semester I-IV)

(Under Credit Based Continuous Evaluation Grading System)

(12+3 System of Education)

Date: 7th July

Time: 11:00 a.m.

Online through Google Meet

Notice of Second Board of Studies Meeting

The **Second Meeting of the Board of Studies** of the **Master of Computer Applications (MCA)** programme will be held as per the following schedule:

Date: 7 July 2026

Time: 11:00 a.m.

Venue: Online through Google Meet

The following members are requested to attend the meeting.

S. No.	Name & Designation	Role
1.	Dr. Kuljeet Kaur, Professor & Head, Department of Computer Science, Guru Nanak Dev University, Amritsar (<i>University Nominee</i>)	University Nominee
2.	Dr. Maninder, Professor, Department of Computer Science & Engineering, TIET, Patiala	Subject Expert
3.	Dr. Kawaljeet Singh, Director, University Computer Centre, Punjabi University, Patiala	Subject Expert
4.	Mr. Punit, Founder & Chief AI Builder, Labeller.AI	Industry Expert
5.	Ms. Suman Khurana, Associate Professor & Head, PG Department of Computer Science & Applications	Member
6.	Dr. Ravi Khurana, Associate Professor, PG Department of Computer Science & Applications	Member
7.	Dr. Nitin, Assistant Professor, PG Department of Computer Science & Applications	Member
8.	Ms. Vandana, Assistant Professor, PG Department of Computer Science & Applications	Member
9.	Dr. Pardeep Arora, Associate Professor, PG Department of Computer Science & Applications & Head, B.Voc. Artificial Intelligence and Data Science	Chairperson

KANYA MAHA VIDYALAYA, JALANDHAR
(UGC Autonomous College)
Faculty of Computer Applications

Agenda of the Second Board of Studies Meeting

MCA 2:2026:1

To confirm the minutes of the First Board of Studies Meeting held on 31 May 2025 at 11:00 a.m. and to discuss the Action Taken Report of the First Board of Studies Meeting held on 31 May 2025.

Action Taken Report

Recommendation	Decision Taken in Meeting	Action Taken
Approval of MCA syllabus for Semester I & II	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.

MCA 2:2026:2

The revised ordinance for the **Master of Computer Applications (MCA)** programme under the **Credit Based Continuous Evaluation Grading System (CBCEGS)** for the academic session **2026–27** is placed before the Board for confirmation.

Duration of Programme

- The duration of the MCA programme shall be **two academic years**, divided into **four semesters**.
- End Semester Examinations shall ordinarily be conducted during **November/December** (Odd Semesters) and **April/May** (Even Semesters).

Eligibility

Candidates having passed any Bachelor's Degree (B.E./B.Tech./B.Sc./B.Com./B.A./B.Voc./BCA/B.Sc. IT, etc.) with **Mathematics at 10+2 level or Graduation level**, securing at least **50% marks (45% for SC/ST candidates)** or equivalent CGPA, shall be eligible for admission.

Students without a Mathematics background shall undergo **Bridge Courses** as per AICTE/UGC/College norms.

MCA 2:2026:3

To discuss and approve the Course Scheme, Course Outcomes, and Syllabi of the Master of Computer Applications (Semesters I–II) under the Credit Based Continuous Evaluation Grading System (CBCEGS) for the academic session 2026–27.

To discuss and approve the Course Scheme, Course Outcomes, and Syllabi of the Master of Computer Applications (Semesters III–IV) under the Credit Based Continuous Evaluation Grading System (CBCEGS) for the academic session 2026–27.

Summary of Curriculum Revisions

S. No.	Revision	Details
1	Revision of Program Outcomes (POs)	Program Outcomes revised in accordance with Outcome-Based Education (OBE).
2	Revision of Course Outcomes (COs)	Course Outcomes revised and aligned with Program Outcomes.
3	Semester I	Bridge course in Math introduced for Students having non computer and non-math background.
3	Semester I	Soft Computing introduced as an additional elective.
4	Semester II	Microprocessor and Its Applications introduced as an additional elective.
5	Semester III	Research Methodology introduced as an additional elective.

MCA 2:2026:4

To approve the panel of Paper Setters, Examiners, and Evaluators for the Master of Computer Applications (Semesters I–IV) for the academic session 2026–27.

MCA 2:2026:5

Any other item.

Minutes of Second Board of Studies Meeting
MCA (Masters of Computer Applications)
Semester I-II and Semester III-IV
(Under Credit Based Continuous Evaluation Grading System)
(12+3 System of Education)
Date: 7th July
Time: 11:00 a.m.
Online through Google Meet

The second meeting of the Board of Studies of MCA was held online via zoom cloud meeting on 07-07-2026 at 11:00 a.m.

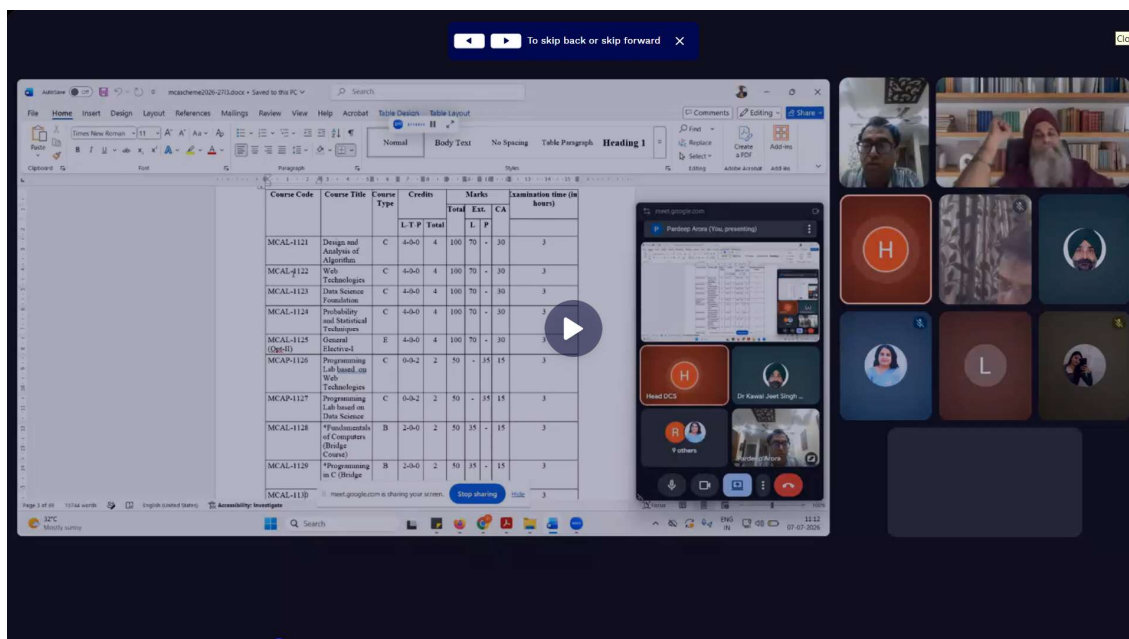
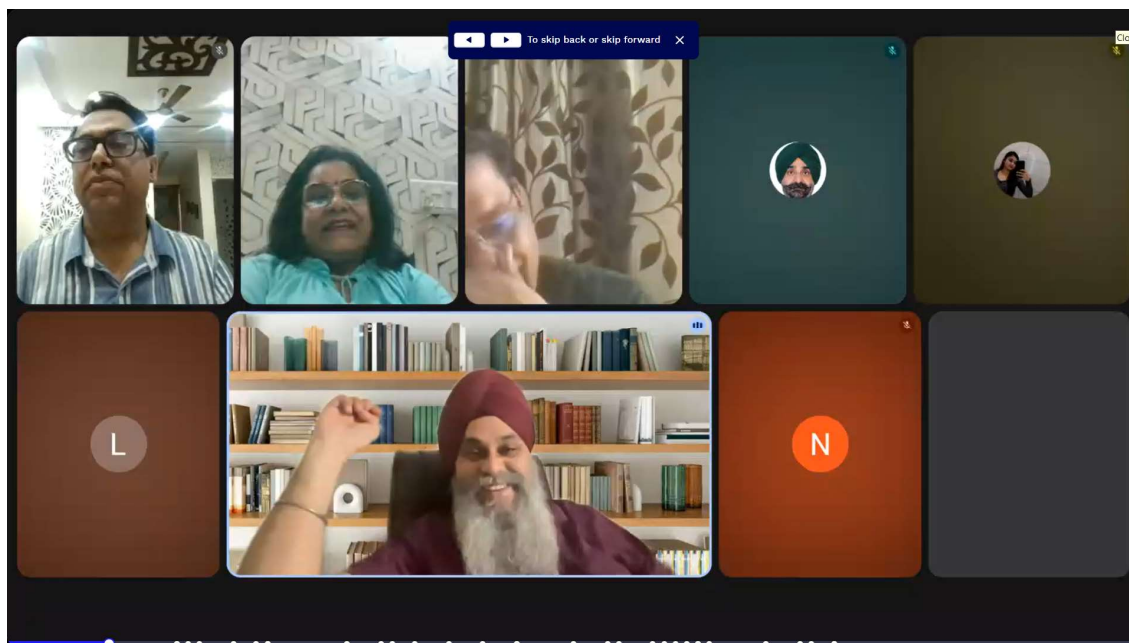
Venue: Online Meeting using google meet

The following members attended the meeting and detailed minutes are listed below:

S. No.	Name & Designation	Role
1.	Dr. Kuljeet Kaur, Professor & Head, Department of Computer Science, Guru Nanak Dev University, Amritsar (<i>University Nominee</i>)	University Nominee
2.	Dr. Maninder, Professor, Department of Computer Science & Engineering, TIET, Patiala	Subject Expert
3.	Dr. Kawaljeet Singh, Director, University Computer Centre, Punjabi University, Patiala	Subject Expert
4.	Mr. Punit, Founder & Chief AI Builder, Labeller.AI	Industry Expert
5.	Ms. Suman Khurana, Associate Professor & Head, PG Department of Computer Science & Applications	Member
6.	Dr. Ravi Khurana, Associate Professor, PG Department of Computer Science & Applications	Member
7.	Dr. Nitin, Assistant Professor, PG Department of Computer Science & Applications	Member
8.	Ms. Vandana, Assistant Professor, PG Department of Computer Science & Applications	Member
9.	Dr. Pardeep Arora, Associate Professor, PG Department of Computer Science & Applications & Head, B.Voc. Artificial Intelligence and Data Science	Chairperson

Proceedings of Second Board of Studies Meeting

Dr. Pardeep Arora, welcomed all the esteemed members of the Board of Studies for the MCA Programme. He apprised the members that the Scheme and Syllabus had been comprehensively revised in accordance with the National Education Policy (NEP) 2020, UGC and AICTE guidelines, with emphasis on outcome-based education, industry-relevant curriculum, skill enhancement, internships, project-based learning, multidisciplinary approach, and emerging technologies.



1. Agenda Item: MCA 2:2026:1

To confirm the minutes of the First Board of Studies Meeting held on 31 May 2025 at 11:00 a.m. and to discuss the Action Taken Report of the First Board of Studies Meeting held on 31 May 2025.

Action Taken Report

Recommendation	Decision Taken in Meeting	Action Taken
Approval of MCA syllabus for Semester I & II	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.

House approved the agenda item MCA 2:2026:1

2. Agenda Item: MCA 2:2026:2

The revised ordinance for the **Master of Computer Applications (MCA)** Semester I-II and Semester III- IV programme under the **Credit Based Continuous Evaluation Grading System (CBCEGS)** for the academic session **2026–27** is placed before the Board for confirmation.

Duration of Programme

- The duration of the MCA programme shall be **two academic years**, divided into **four semesters**.
- End Semester Examinations shall ordinarily be conducted during **November/December** (Odd Semesters) and **April/May** (Even Semesters).

Eligibility

Candidates having passed any Bachelor's Degree (B.E./B.Tech./B.Sc./B.Com./B.A./B.Voc./BCA/B.Sc. IT, etc.) with **Mathematics at 10+2 level or Graduation level**, securing at least **50% marks (45% for SC/ST candidates)** or equivalent CGPA, shall be eligible for admission.

Students without a Mathematics background shall undergo **Bridge Courses** as per AICTE/UGC/College norms.

Following changes were suggested

S. No.	Changes suggested	Action Taken
1.	To introduce Bridge courses to accommodate non computer and non-math background students	Bridge course in Software Engineering introduced replacing Bridge Course in Computer Fundamentals. Bridge course in Math introduced in semester-I. Semester-I has three Bridge course.

House approved the agenda item MCA 2:2026:2.

3. Agenda item MCA 3:2026:2

Summary of Curriculum Revisions for MCA for the Semester – I and II and Semester III-IV for the session 2026-27.

S. No.	Revision	Details
1	Revision of Program Outcomes (POs)	Program Outcomes revised in accordance with Outcome-Based Education (OBE).
2	Revision of Course Outcomes (COs)	Course Outcomes revised and aligned with Program Outcomes.
3	Semester I	Bridge course in Math introduced for Students having non computer and math background.
3	Semester I	Soft Computing introduced as an additional elective.
4	Semester II	Microprocessor and Its Applications introduced as an additional elective.
5	Semester III	Research Methodology introduced as an additional elective.

Following changes were suggested in the BOS

S. No.	Changes suggested	Action Taken
1.	To merge AdvancedProgramming Concepts theory and Lab in third Semester	AdvancedProgramming Concepts theory and Lab have been merged and 2 credits has been given to theory as well as lab. Total credits reduced from 27 to 25 in third semester.
2.	Introduce topics on Software Configuration Management (SCM), Version Control System	Topics on Software Configuration Management (SCM), Version Control System (VCS) and GIT added in DevOps Engineering
3.	Rename Course Name from “DevOps in Semester IV	Course Name “DevOps” renamed to “DevOps Engineering”
4.	Reduce credit from 24 to 22 for Industrial Training / Dissertation / Major Project	Semester IV credit reduced from 24 to 22 for Industrial Training / Dissertation / Major Project
5.	Replace the word “General Elective” subject with “Elective” in all semesters in scheme	“General Elective” in all Semesters replaced with “Elective”
6.	List details few available MOOCs courses for the session 2026-27	Details of MOOCs courses have been made available for the odd semester, for the even semester will be offered as and when offered by different portals for the session 2026-27

House approved the agenda item MCA 2:2026:3.

Agenda: MCA 2:2026:4

To approve the panel of Paper Setters, Examiners, and Evaluators for the Master of Computer Applications (Semesters I–IV) for the academic session 2026–27.

House approved the agenda item MCA 2:2026:4.

At last Dr. Pardeep Arora thanks all the members for their suggestions in strengthening the curriculum in terms of employability, entrepreneurship, and practical learning opportunities while aligning with the latest academic and industry requirements.