



Master of Computer Applications (MCA)

A meeting of the **Board of Studies (BoS)** for the Master of Computer Applications (MCA) programme was held on **Friday, 19th June 2026 at 11:30 a.m.** in the Department of MCA, VIVA Institute of Technology, Shirgaon, Virar (East). The meeting was conducted in **hybrid mode**.

The meeting commenced with the welcome address by the Chairperson, Mrs. Chandani Patel. The following agenda items were discussed and considered during the meeting.

Agenda Item No. 1: Welcome and Introduction

The Chairperson, Mrs. Chandani Patel welcomed all the members to the first Meeting of the Board of Studies for the MCA Programme.

The Chairperson introduced the members of the Board and acknowledged the presence of the Subject Experts, University VC Nominee, Industry Representative, Alumni Representative and Internal Faculty Members.

Agenda Item No. 2: Approval of MCA Programme Structure and Credit Framework

The Chairperson presented the MCA Programme Structure, Credit Framework, and Curriculum Components in accordance with NEP 2020 and University of Mumbai guidelines. The curriculum components included Major Core Courses, Major Elective Courses, Research Integration, Internship, ISR, MOOCs, and Bridge Course.

The members reviewed the proposed structure and curriculum framework and appreciated its industry relevance, flexibility, and alignment with contemporary academic requirements.

Resolution:

The Board approved the Programme Structure, Credit Framework, and Curriculum Components for implementation from the Academic Year 2026–27.

Agenda Item No. 3: Review and Approval of MCA First Year and Bridge Course Syllabus

The Chairperson, Mrs. Chandani Patel, presented the proposed MCA First Year syllabus and Bridge Course syllabus for review and approval.

The members reviewed the syllabus structure, credits, and alignment with academic requirements of the MCA Programme. The Department informed the Board that the syllabus was prepared as per the University syllabus framework, with necessary modifications and relevant expert inputs considered wherever applicable.

Dr. Harshali Patil suggested to combine Natural Language Processing with Deep Learning for better alignment. The Department will review the suggestion and consider its implementation wherever feasible.



Mr. Vishal Patel suggested to include Python Programming in the Bridge Course. Dr. Brises Joshi informed the Board that Python programming support can be provided through NPTEL courses and introductory concepts are covered in the Semester II Artificial Intelligence and Machine Learning (AIML) Lab. The suggestion was discussed and considered.

Resolution:

The Board approved the MCA First Year syllabus and Bridge Course syllabus with the proposed modifications for implementation from the Academic Year 2026–27. The suggestions discussed during the meeting will be considered wherever feasible.

Agenda Item No. 4: Review and Approval of MCA Second Year Syllabus

The Chairperson, Mrs. Chandani Patel, presented the proposed MCA Second Year syllabus for review and approval. The Board was informed that the syllabus has been adopted as per the University of Mumbai syllabus framework.

Dr. Harshali Patil discussed the Elective-6 courses, Design Thinking & Innovation Skills and Digital Forensics, and suggested to include practical application-based activities. The Chairperson informed the Board that these can be covered through continuous assessment activities such as mini-projects, case studies, and presentations.

Dr. Dasharath Mane emphasized considering recommendations from external academic and industry experts during future curriculum revisions.

Resolution:

The Board approved the MCA Second Year syllabus for implementation from the Academic Year 2026–27. The suggestions discussed during the meeting will be considered wherever feasible.

Agenda Item No. 5: Suggestions for Improvement of Standards of Teaching and Research

The Chairperson presented the initiatives undertaken by the Department to enhance teaching, learning, and research practices in the MCA Programme, including experiential learning, project-based learning, industry interaction, research activities, industry-relevant technologies, and skill enhancement through certifications.

The members discussed and appreciated the initiatives undertaken by the Department.

Agenda Item No. 6: Approval of Assessment and Examination Scheme

The Chairperson, Mrs. Chandani Patel, presented the proposed Assessment and Examination Scheme for the MCA Programme, including the distribution of marks, continuous assessment components, practical examinations, and project evaluation methodology.

The members reviewed the proposed scheme and discussed various aspects of student assessment. Mrs. Rashmi Vipat suggested formulating assessment criteria for the ISR course in Semester III.



Dr. Pradnya Mhatre informed the Board that detailed assessment criteria would be developed and incorporated into the assessment framework.

Dr. Prashant Chordiya suggested adopting more appropriate terminology for "Mid-Term Presentation I" and "Mid-Term Presentation II" used in the evaluation of the Internship Project and Research Project in Semester IV. The Board agreed to revise the terminology accordingly.

The Chairperson further informed the Board that a subject-wise panel of examiners for theory and practical courses would be prepared after finalization of the syllabus and examination scheme.

Resolution:

The Board approved the Assessment and Examination Scheme for implementation from the Academic Year 2026–27, including the formulation of assessment criteria for the ISR course, revision of the terminology for Semester IV Internship and Research Project evaluations, and preparation of subject-wise examiner panels.

Agenda Item No. 7: Any Other Matter with Permission of the Chair

No additional matters were discussed under this agenda item.

The Chairperson, Mrs. Chandani Patel, expressed her gratitude to all the esteemed members for their valuable time, guidance, and constructive inputs during the meeting.

The meeting was concluded with a vote of thanks by the chairperson.