DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

3rd Board of Studies (BoS) Meeting

Mode: Through Hybrid Mode

Date and Time: 01-06-2026 and 3.00 PM to 5.30 PM

Link: Join Zoom Meeting:

Topic: 3rd BOS - MCA Meeting Avanthi Institute of Engineering & Technology(AUTONOMOUS)
Time: Jun 1, 2026 03:00 PM India
Join Zoom Meeting
https://zoom.us/j/96537526318?pwd=rbT72GpwO9eAgSnsdysVbddwJ8LDZ1.1
Meeting chat link
https://zoom.us/launch/jc/96537526318
Meeting ID: 965 3752 6318
Passcode: AVEV

Respected Madam/Sir,

The 3rd Board of Studies Meeting of the Department of Master of Computer Applications (MCA) is scheduled to be conducted in hybrid mode to review, discuss, and obtain approval for various academic activities carried out through offline and online modes. The following agenda points will be discussed during the meeting:

Item 1:

- Welcome Address by the BoS Chairperson.

Members Suggestions:

- Dr.**Annepu Bala Krishna**, Professor and **Chairperson, Board of Studies**, Department of Master of Computer Applications, extended a warm welcome to all the esteemed BOS members. He conveyed heartfelt gratitude for their presence and the valuable time they dedicated to the academic deliberations.
- Dr. Gandi Satyanarayana, Dean–Academics, presented a brief summary of the Minutes of the 2nd Board of Studies Meeting. He informed the members that the R24 Regulations, along with the **II MCA Course Structure and Syllabi for I and II Semesters,** had been placed before the Academic Council and were **approved without any modifications**.
- With the consent of the BoS members, the Chairperson informed that the implementation of the R24 Curriculum and Syllabi for the 2024–2025 admitted batch of MCA for I Year and II Year, covering I and II Semesters, had been carried out successfully.
- The Dean–Academics further informed the members that the **R24 Regulations** had been

successfully implemented for the **2024–2026 MCA batch**, and that **44 students are presently eligible for the award of the Provisional Certificate (PC)**.

Resolutions:

- The Board of Studies members expressed satisfaction over the successful implementation of the **R24 Regulations** for the **2024–2026 MCA batch**. The members also noted that, out of **57 students, 44 students** are eligible for the award of the **Provisional Certificate (PC)**.

Item 2:

- Confirmation and Approval of the Minutes of the 2nd BOS Meeting Conducted on 20-05-2025

Members Suggestions:

- The Chairperson informed the members that the **2nd Board of Studies Meeting of MCA** was conducted on **20th May 2025**. The minutes of the meeting were prepared in a timely manner and circulated to all members. The same were approved by the members through online communication as well as through their signatures.
- The Chairperson further informed that the minutes of the **2nd BoS Meeting** were subsequently placed before the **2nd Academic Council** and were approved **without any modifications**.
- It was also noted that the **2nd BoS Meeting** had primarily focused on the approval of the **II MCA Course Structure** and the **syllabi for I and II Semesters** under the **R24 Regulations**.

Resolutions:

- The Board of Studies members unanimously confirmed and approved the **Minutes of the 2nd BoS Meeting conducted on 20-05-2025**.

Item 3:

- To discuss, review, and approve proposed curriculum for R26 regulations for I MCA I & II Semesters for the academic years 2026-2027 & 2027-2028

Members Suggestions:

- The Chairperson informed the members that the department had conducted **three internal BoS meetings** and, based on the deliberations held therein, prepared the **draft course structures for I MCA I and II Semesters** under the **R26 Regulations** in alignment with the provisions of **NEP 2020**.
- The proposed **I MCA I Semester** course structure consists of **five theory courses carrying 16 credits, two laboratory courses carrying 3 credits, one Employability Skills Course**

carrying 2 credits, and one mandatory course carrying 0 credits, making a total of **21 credits.**

- The proposed **I MCA II Semester** course structure consists of **five theory courses carrying 15 credits, one Professional Elective course carrying 3 credits, two laboratory courses carrying 3 credits, and one Employability Skills Course carrying 0 credits**, making a total of **21 credits.**

Resolutions:

- The Board of Studies members expressed satisfaction with the proposed **course structure under the R26 Regulations**, as it was framed in accordance with the guidelines of **NEP 2020.**
- The members suggested incorporating a provision to offer the **Professional Elective (PE) course through NPTEL / SWAYAM** under the **credit transfer mechanism**, with a view to encouraging **online learning, self-learning, and flexibility in curriculum delivery.**
- The Board of Studies members unanimously **approved the I MCA I and II Semester course structures** under the **R26 Regulations** for implementation for the Academic Years **2026–2027 and 2027–2028.**

Item 4:

- To discuss and finalize the syllabus for I MCA I Semester (R26)
  a) R26MCA1101 Computer Programming & Data Structures
  b) R26MCA1102 Python Programming
  c) R26MCA1103 Computer Organization & Operating Systems
  d) R26MCA1104 Artificial Intelligence
  e) R26MCA1105 Mathematical Foundations of Computer Applications
  f) R26MCA1106 Computer Programming & Data Structures Lab
  g) R26MCA1107 Python Programming Lab

Members Suggestions:

- The Board of Studies members thoroughly reviewed the course-wise syllabi in detail and expressed their satisfaction with the overall structure, relevance, and content of the proposed syllabi for I MCA I Semester under R26 Regulations.
- During the discussion, the members suggested that the title and syllabus of R26MCA1106 – Computer Programming & Data Structures Lab may be suitably modified to reflect the

practical component more clearly as **"Computer Programming & Data Structures through C Lab"**, so as to align the laboratory course with the programming language used for implementation.

Resolutions:

- The Board of Studies members thoroughly reviewed and finalized the syllabi of all the courses of I MCA I Semester under R26 Regulations.
- The members resolved to modify the title of **R26MCA1106 – Computer Programming & Data Structures Lab** as **"Computer Programming & Data Structures through C Lab"**.
- Subject to the above modification, the Board of Studies members unanimously **approved the syllabi of I MCA I Semester under R26 Regulations.**

Item 5:

- To discuss and finalize the syllabus for the following I MCA II Semester (R26)

a) R26MCA2101 Database Management Systems
b) R26MCA2102 Computer Networks
c) R26MCA2103 Data Warehousing & Data Mining
d) R26MCA2104 Object Oriented Programming with JAVA
e) R26MCA2105 Machine Learning using Python

Professional Elective-1

1) R26MCA2106 Advanced Data Structures
2) R26MCA2107 Fundamentals of Data Science
3) R26MCA2108 Generative AI and prompt Engineering
4) R26MCA2109 Compiler design
5) R26MCA2110 12-Week MOOC Swayam / NPTEL course recommended by the BOS

f) R26MCA2111 Database Management Systems Lab
g) R26MCA2112 Object Oriented Programming with JAVA Lab

Members Suggestions:

- The Chairperson informed the members that the syllabus of each course had been structured into **five units** and incorporated **self-learning concepts**, with the objective of making the curriculum relevant to both **industry requirements** and **higher education aspirations.**
- The Chairperson further informed the members that provision had been made to permit students to select an appropriate **SWAYAM / NPTEL course** under the **Professional Elective–I category**, subject to the course being approved by the **Academic Council.**

- The members thoroughly reviewed the proposed **course-wise syllabi** and expressed their satisfaction with the overall design, content distribution, and inclusion of contemporary topics.

Resolutions:

- The Board of Studies members expressed satisfaction over the well-structured and outcome-oriented syllabi developed for the **I MCA II Semester courses under R26 Regulations**.
- The members **approved** the provision for offering a **12-week MOOC / SWAYAM / NPTEL course** under **Professional Elective–I**, subject to the approval of the **Academic Council**, so as to encourage **online learning, self-learning, and academic flexibility**.
- The Board of Studies members unanimously **approved the syllabi of all the I MCA II Semester courses, including the Professional Elective–I basket and laboratory courses, under R26 Regulations**.

Item 6:

- To discuss the implementation of NPTEL Course for I-II Professional Elective Courses/ after approval of the Academic Council.

Members Suggestions:

- It was explained that the introduction of NPTEL courses under the credit transfer mechanism would provide students with an opportunity to pursue self-learning, online learning, and interdisciplinary knowledge enhancement through courses offered by reputed institutions.
- The members observed that the implementation of NPTEL courses would strengthen the curriculum by exposing students to **industry-relevant content, emerging technologies, and flexible learning pathways**, while also promoting **academic autonomy and learner-centric education**.

Resolutions:

- The members resolved to recommend the implementation of **NPTEL courses for I–II Professional Elective courses**, under the credit transfer mechanism, subject to the **approval of the Academic Council.**
- The Board of Studies members further **resolved that the department may identify and offer suitable 12-week NPTEL / SWAYAM courses relevant to the curriculum,** with prior approval of the Academic Council, in order to encourage self-learning, online learning, and industry-oriented knowledge acquisition.

Item 7:

- To discuss the progress of the Department of Mater of Computer Applications during the Academic Year 2025–2026.

Members Suggestions:

- The Head of the Department of Master of Computer Applications informed the members about the academic progress and achievements of the department during the Academic Year **2025–2026**.
- It was informed that **57 students** had registered for **NPTEL courses**, out of which **36 students successfully completed the certification**.
- The members were also informed that **55 journal papers** had been published as part of the **academic project work and research activities** undertaken in the department.
- Further, it was reported that **33 students** had been selected in various **IT companies** through the campus recruitment process during the academic year.
- Regular internal CRT training is being conducted for both I Year and II Year MCA students, and 200 hours of external training have also been provided to enhance students' aptitude, technical skills, and placement readiness.

Resolutions:

- The Board of Studies members noted the progress of the Department of Master of Computer Applications for the Academic Year 2025–2026 and expressed satisfaction over the department's achievements in **NPTEL certifications, research publications, and student placements**.
- The members also appreciated the department for conducting regular internal CRT training for both I Year and II Year students and for arranging 200 hours of external training to enhance students' employability and placement readiness.

Item 8:

- To discuss and suggest Teaching Learning Methodology, Co-Curricular and Extra-Curricular activities for the academic year 2026-2027.

Members Suggestions:

- The members discussed various measures to strengthen the teaching–learning process in the Department of Master of Computer Applications for the Academic Year 2026–2027.
- The members suggested adopting student-centric and outcome-based teaching methodologies, such as **ICT-enabled teaching, experiential learning, project-based learning, case studies, seminars, group discussions, and assignment-based learning, to**

improve conceptual understanding and practical application skills among students.

- It was suggested to encourage students to participate actively in co-curricular activities such as technical seminars, coding contests, hackathons, workshops, paper presentations, **project expos, NPTEL / SWAYAM courses, certification programmes**, and industry interaction activities to enhance their technical competence and self-learning ability.
- The members also emphasized the importance of **extra-curricular activities such as sports, cultural events, yoga, community service**, and personality development programmes for the overall development of students.
- The Board suggested that the department should continue to **organize CRT, aptitude training, communication skills sessions, and industry-oriented training programmes** to improve students' employability and placement opportunities.

Resolutions:

- The Board of Studies members discussed and approved the proposed teaching–learning methodologies, co-curricular activities, and extra-curricular activities for the Academic Year 2026–2027.
- The members resolved that the department shall implement student-centric, ICT-enabled, and outcome-based teaching practices, and shall encourage students to participate in co-curricular, extra-curricular, and skill-development activities for their holistic development and career readiness.

Item 9:

- To discuss and suggest examiners for paper setting and evaluations.

Members Suggestions:

- The Chairperson informed the members about the requirement of identifying and recommending subject experts / examiners for question paper setting and evaluation for the MCA programme under the applicable regulations.
- The members discussed the need to appoint qualified and experienced faculty members / subject experts from reputed institutions and universities for the purpose of question paper setting, moderation, and valuation, so as to ensure quality, confidentiality, fairness, and transparency in the examination process.
- It was suggested that the panel of examiners may be prepared by considering the subject expertise, teaching experience, and specialization of the faculty members concerned, in accordance with the norms of the institution and the guidelines of the affiliating / parent

university wherever applicable.

Resolutions:

- The Board of Studies members discussed the matter and authorized the Chairperson / Head of the Department to identify and recommend a panel of subject experts / examiners for paper setting and evaluation for the MCA programme, in accordance with the institutional norms and academic requirements.

Item 10:

- Discuss on any other academic matter

Members Suggestions:

- The members discussed general academic matters related to the effective implementation of the R26 Regulations, strengthening of the teaching–learning process, and continuous improvement in curriculum delivery, student performance, and placement preparedness.
- The members also emphasized the need for continuous monitoring of **student attendance, academic performance, and mentoring activities**, along with regular interaction with stakeholders for further quality enhancement of the MCA programme.

Resolutions:

- The Board of Studies members noted the other academic matters discussed in the meeting and resolved that the department shall take necessary steps for the effective implementation of the suggestions made by the members for the continuous improvement of academic and student development activities.

Item 11:

- Miscellaneous issues.

Resolutions:

- The Board of Studies members noted that no other miscellaneous issues were raised for discussion

Attendance Sheet

S.No.	Name of the Member & Affiliation	Signature
1	**Dr.Ch.Bindu Madhuri** Assistant Professor and Head Department of Information Technology University College of Engineering Vizianagaram, JNTU-GV, Vizianagaram	

2	**Dr. O. Srinivasa Rao** Professor & Head Dept of Computer Science and Engineering University college of Engineering JNTUK, Kakinada- 533003	Approved Through Mail.
3	**Dr.L.Chakravarthi** Professor of CSE Dept of Computer Science and Engineering GIT, GITAM University	Approved Through Mail on 22-06-2026.
4	**Mr. Chiranjeevi Peddinti** Nokia, Engineering manager Bangalore, Karnataka (State) e-Mil: chiranjeevi.peddinti@nokia.com	Approved Through Mail.
5	**R. Sai Manasa** Technical Project Manager Acuvate software private limited, Hyderabad Roll No: 14Q75A0507 e-Mail: manasamanu507@gmail.com	Approved Through Mail
6	All the Department Faculty	
7	**Dr.Gandi Satyanarayana** Professor of CSE and Dean-Academics, AIET (A)	
8	**Dr.Annepu Balakrishna.** Professor & Head **Chairperson-BoS** Department of MCA, AIET (A)	

All Other Dept Members

Chairperson
Board of Studies (MCA)

Chairperson
Board of Studies (MCA)
Avanthi Inst. of Engg. & Tech. (Autonomous)
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