



1st - Board of Studies (BoS) – Minutes of Meeting

Academic Year: 2025-2026

Board of studies meeting for the Academic year 2025-26 was held on 06/09/2025 (Saturday) between 9.30 AM to 1.00 PM through online mode for finalizing the R25- MCA I Year Course Structure and Syllabus. The following members were present in the meeting.

S. No	Name of the members	Composition as per the Deemed to be university guidelines	Designation & Address
1.	Dr. N. Naveen Kumar	BoS Chairman	Professor & HoD Dept. of Computer Applications MITS, Madanapalle.
2.	Dr. Kalidas Yeturu	Subject Expert	Associate Professor Department of CSE Indian Institute of Technology Tirupati, Andhra Pradesh. Pincode - 517619. Contact - 9480090086 Email - ykalidas@iittp.ac.in
3.	Mr. Kasinathan Subramani	Industry Expert	Senior Principal Security Architect Solenis Hyderabad, India Contact – 9543958596 Email:- Kasinathanqtp@gmail.com
4.	Dr. M. Saravanamuthu	Internal Member	Associate Professor Department of Computer Applications MITS, Madanapalle.
5.	Dr. C. Sivaraj	Internal Member	Associate Professor/ Academic Coordinator Department of Computer Applications MITS, Madanapalle
6.	Dr. R. Maruthamuthu	Internal Member	Assistant Professor Department of Computer Applications MITS, Madanapalle.
7.	Dr. J. Srinivasan	Internal Member	Assistant Professor Department of Computer Applications MITS, Madanapalle.
8.	Nagulappagari Vijaya Kumar	Alumni Representative	Senior Software Engineer Carelton Global Solutions, Bengaluru 560037. India. Contact – 9618886033 VijayaKumar.Nagulappagari@carelon.com
9.	R. Sandhya	Student Representative	Roll No : 24691F00N2 MCA II Year I Semester Contact : 6309116233 Email - 24691F00N2@mits.ac.in



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Dr. N. Naveen Kumar, Head of the Department (MCA), warmly welcomed all BOS members, including external and internal experts, to the curriculum review meeting. He commenced the session with the following key points:

1. Presented the Vision, Mission, Program Educational Objectives (PEOs), and Program Outcomes (POs) of the MCA department, emphasizing alignment with industry and academic excellence.
2. Discussed the current course framework, highlighting proposed updates to enhance relevance and consistency.
3. Detailed the integration of SWAYAM/NPTEL MOOCs under Open Electives, as per the National Credit Framework (NCrF) guidelines, enabling students to earn credits through certified online courses.
4. Proposed the inclusion of a 3-credit course on Indian Knowledge Systems (IKS), designed to bridge traditional wisdom with modern technology, in compliance with NEP 2020 mandates.

Dr. Naveen Kumar concluded by inviting suggestions from BoS members to further refine the curriculum and ensure its alignment with global standards and local needs.

Department Academic Coordinator **Dr C. Sivaraj** presented the R-25 First Year Course Structure to the BOS members, and he requested all the members to review and provide their valuable inputs.

After thorough discussions and deliberations, the board recommended the following suggestions:

1. The total credits for two-year MCA Program were decided as 86.
2. Integrate Docker, GitLab, and Kubernetes into the DevOps & Microservices course for practical containerization and orchestration skills.
3. Add modules on Transformer Models and attention mechanisms to AI/ML electives like NLP, Deep Learning, and Generative AI.
4. Include Explainable AI (XAI) and interpretability techniques (e.g., SHAP, LIME) in the core Machine Learning curriculum.
5. Introduce basic Reinforcement Learning concepts to the foundational Machine Learning course.
6. Incorporate MLOps practices—covering CI/CD, model lifecycle management, and monitoring—into the DevOps & Microservices electives.
7. Integrate ethics, fairness, and bias mitigation modules across all AI/ML courses.



8. Add ETL processes, big data tools (Spark, Kafka), and streaming data concepts to the Data Analytics & Visualization course.
9. Expand the Generative AI course with theoretical foundations of models like Transformers, Diffusion, and Autoencoders.
10. Incorporate real-world case studies and applications into all applicable courses.
11. Add specific applications and case studies to the Relational Database Management Systems (RDBMS) course.
12. Introduce software design patterns and principles into the Software Engineering curriculum.
13. Include infrastructure security topics within the Cloud Computing course.
14. Add Identity and Access Management (IAM) to the Cyber Security course content.
15. Clearly list all required software and tools in every course syllabus for practical clarity.

The First Year Course Structure and detailed Syllabi for R25- MCA Program is finalized.

The members appreciated the efforts taken for designing the R25 Curriculum of 1 year MCA programme. **Dr. J. Srinivasan** summarized the feedback and expert reviews on the proposed syllabus. The meeting concluded with a vote of thanks by **Dr C. Sivaraj**.

Dr. Kalidas Yeturu, Subject Expert, **Mr. Kasinathan Subramani**, Industry Expert and **Mr. N. Vijaya Kumar**, Alumni Representative –are attended the meeting through online using MS-TEAMS App.

Department/Internal Faculty Members & Student Representative:

S.No.	Name of the members	Signature
1.	Dr. N. Naveen Kumar	
2.	Dr. C. Sivaraj	
3.	Dr. M. Saravanamuthu	
4.	Dr. J. Srinivasan	
5.	Dr. R. Maruthamuthu	
6.	R. Sandhya	R. Sandhya

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