



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

DEEMED TO BE UNIVERSITY

under section 3 of UGC Act, 1956 by Govt. of India
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India



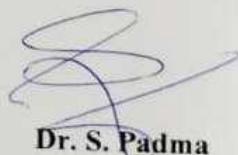
DEPARTMENT OF CSE (AI and ML)

1ST BOARD OF STUDIES MEETING

Date: 26.08.2025

Agenda:

1. Approval of Course Structure for I Year B. Tech Computer Science and Engineering (Artificial Intelligence and Machine Learning) I Semester and II Semester.
2. Approval of Detailed Syllabus for all Courses in I Year B. Tech CSE (AI and ML) for the courses Programming for Problem Solving [Theory and Laboratory]; Data Structures and Algorithms [Theory and Laboratory]; Fundamentals of Intelligent Systems [Theory] and IT Essentials Laboratory.
3. B. Tech Program (R25) MITS Deemed-to-be University, with a total of 160 credits.
4. B. Tech Program provisions for Minor Degree in R25 MITS Deemed-to-be University with additional 18 Credits.
5. B. Tech Program provisions for Honors Degree in R25 MITS Deemed-to-be University with additional 18 Credits.
6. Any other item.



Dr. S. Padma
HoD
CSE (AI and ML)



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Department of CSE (Artificial Intelligence and Machine Learning)

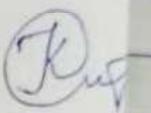
1st BoS Meeting – 28.08.2025

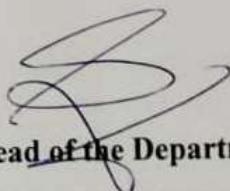
Academic Year (2025-2026)

1st BoS Meeting of the Department of CSE (Artificial Intelligence and Machine Learning) was scheduled on 28/08/25 at 11.00 AM in online mode.

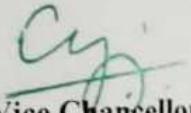
Members of the Board of Studies for the Academic Year 2025-26

S.No.	Name of the member	Composition as per the UGC – Autonomous guidelines	Designation & Address	Signature
1.	Dr. S. Padma	Head of the Department (Chairman)	Associate Professor & Head, Dept. of CSE (AI and ML), MITS Deemed-to-be University.	
2.	Dr. Somitra Sanadhyा	External Expert (Subject Expert)	Professor, Wadhwani School of AI and Intelligent Systems, Indian Institute of Technology Kanpur, Kalyanpur, Kanpur 208016.	Online Mode
3.	Dr. Kumar Rajamani	External Expert (Industry Expert)	Associate Director, Cropin, 3rd Floor, 1021, 16th Main Rd, Tavarekere, Aicobo Nagar, 1st Stage, BTM 1 st Stage, Bengaluru, Karnataka 560029.	Online Mode
4.	Dr. Sundaramurthy Pandurangan	Professor	Professor of Practice, Dept. of CSE (AI and ML), MITS Deemed-to-be University	
5.	Dr. S. Priya	Sr. Asst. Professor	Dept. of CSE (AI and ML), MITS Deemed-to-be University	
6.	Dr. E. Sandhya	Asst. Professor	Dept. of CSE (AI and ML), MITS Deemed-to-be University	

7.	Mr. Sreekanth Reddy	Alumni Representative	Data Engineer II JLL, Level-8, Prestige Trade Tower, 46 Palace Road, Sampangi Rama Nagar, Bangalore, Karnataka 560001, India.	Online Mod
8.	Mr. K. Reddy Lokesh	Student Representative	Roll No: 23691A3346, III CSE (AI and ML), MITS	


Head of the Department

Head of the Department
Computer Science & Engineering (AI & ML)
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325, A.P.


Vice Chancellor
for VICE CHANCELLOR
Madanapalle Institute of Technology & Sc
(Deemed to be University)
MADANAPALLE - 517 325, A.P.

Minutes of Meeting for 1st BOS Meeting held on 28.08.2025.

Dr. S. Padma, Head of CSE (AI & ML), extended a warm welcome to all members at the 1st Board of Studies meeting, where the agenda items were discussed in detail. The Course Structure for the R25 1 Year B.Tech CSE (Artificial Intelligence and Machine Learning), including both I and II Semesters, was approved by all members.

- The courses offered in 1 Year B.Tech CSE (AI and ML)—Programming for Problem Solving (Theory & Laboratory), Data Structures and Algorithms (Theory & Laboratory), Fundamentals of Intelligent Systems (Theory), and IT Essentials Laboratory—were approved by all members.
- The B.Tech Program (R25) at MITS Deemed-to-be University, comprising a total of 160 credits, was discussed by the panel.
- The panel also reviewed the feasibility of allowing students to pursue a Minor Degree with an additional 18 credits and an Honors Degree with an additional 18 credits.

The following are the recommendations provided by the expert members.

1. Dr. Somitra Sanadhya recommended the following suggestions:
 - i. The prescribed textbook for Fundamentals of Intelligent Systems is appropriate; however, it is recommended that advanced topics such as the A* algorithm be incorporated into future courses.
 - ii. It is advisable to introduce GitHub from the initial semesters and encourage students to use it for managing assignments and laboratory work.
 - iii. The inclusion of Generative AI (GenAI) in upcoming semesters is recommended to align the curriculum with emerging trends in Artificial Intelligence.
 - iv. It is further suggested to integrate both Python and C++ programming in future semesters
2. Dr. Kumar Rajamani recommended the following suggestions:
 - i. Encourage students to practice experiments and problem-solving using platforms such as LeetCode, HackerRank, and HackerEarth.
 - ii. Encourage students to maintain a GitHub account and regularly publish all their project work on it.

3. Mr. Sreekanth Reddy recommended the following suggestions:
 - i. The syllabus provides a strong foundation in core concepts, which is commendable.
 - ii. It is recommended to introduce Python in the early semesters to strengthen programming readiness.
 - iii. Courses such as Probability & Statistics and Linear Algebra should be included to build the mathematical foundations essential for AI and ML.
 - iv. The integration of GitHub into the curriculum will help students develop version control and collaborative coding practices expected in industry.
 - v. Exposure to Generative AI (GenAI) is suggested in the later semesters to align the program with current industry trends.
4. Mr. Reddy Lokesh suggested using of GitHub from the beginning and keeping all experiment work in repositories to make learning easier and more organized.

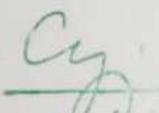
The external members appreciated the efforts made in designing the R25 curriculum for I.B.Tech CSE (Artificial Intelligence and Machine Learning). The meeting concluded with a Vote of Thanks delivered by Dr. E. Sandhya.



Head of the Department

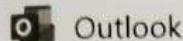
Head of the Department

Computer Science & Engineering (AI & ML)
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325, A.P.



Vice Chancellor

Govt **VICE CHANCELLOR**
Madanapalle Institute of Technology & Science
(Deemed to be University)
MADANAPALLE - 517 325, A. P.



Re: Request for Approval – Minutes of BoS Meeting Held on 28.08.2025

From Somitra Sanadhya <somitra@iitk.ac.in>

Date Tue 09/09/2025 12:15

To HoD AI & ML <aimlhod@mits.ac.in>

Cc Dr Sandhya E <drsandhyae@mits.ac.in>; AI & ML Department Office <aimloffice@mits.ac.in>

I approve the minutes.

Thanks and regards,

Somitra

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Professor, Wadhwani School of AI & Intelligent Systems

IIT Kanpur

<https://somitra-sanadhya.github.io/>

On 09/09/25 12:00 pm, HoD AI & ML wrote:

> Dear Sir,
>
> Greetings.
> We sincerely thank you for your valuable participation in the Board of
> Studies (BoS) meeting held on 28.08.2025. Please find attached the
> minutes of the meeting, which include the thoughtful contributions and
> insights provided by the esteemed members.
> We kindly request you to review and approve the minutes at your
> earliest convenience, as they are to be presented at the upcoming
> Academic Council meeting.
> Looking forward to your acknowledgement and approval.
>
>
> Thanks and Regards
>
> *Dr. Padma.S, Ph.D.*
> Associate Professor and Head
> Department of CSE (Artificial Intelligence and Machine Learning)
> Madanapalle Institute of Technology & Science
> Madanapalle - 517 325, Andhra Pradesh
> Ph:9952198855
> Email : aimlhod@mits.ac.in