



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)



Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi

NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

## Department of Computer Science & Engineering

Tenth BoS Meeting – 30-07- 2022

Academic Year: 2022-2023

Tenth BoS Meeting of the Department of CSE is scheduled to be held on 30.07.2022 at

9.00 A.M online mode.

### AGENDA:

1. Approval of R-20 Course Structure & Syllabus for B.Tech (CSE) – III Year
2. Any other issues / suggestions related to UG Autonomous Curriculum & Syllabus.

### Members of the Board of Studies for the Academic Year 2022-23

S.No.	Name of the member	Composition as per the UGC – Autonomous guidelines	Designation & Address
1.	Dr.R.Kalpana	Head of the Department (Chairman)	Professor & Head, Dept. of CSE, MITS.
2.	Dr. R. B. V. Subramaanyam	Academic Council Nominee	Professor, Department of Computer Science & Engineering, National Institute of Technology, Warangal- 506004
3.	Prof. T. Sreenivasulu Reddy	Academic Council Nominee	Associate Professor, Dept. of CSE, School of IT, JNTUH, Hyderabad.
4.	Prof.C.Shoba Bindu	University Nominee	Director, Research & Development JNT University Anantapur, Ananthapuramu
5.	Mr. Lokeswara Reddy Kesapuram,	Industry Representative	Technical Architect – Tata Consultancy Services Bangalore
6.	Mr. M. Lokesh Kumar Rao	Alumni Representative	M.Tech. (2012-2014 Batch), Senior Business Consultant, NTT Data, Bangalore.
7.	Dr.S.Narayanan	Subject Expert	Chief Executive Officer, MITS
8.	Prof.Goutam Chakraborty	Subject Expert	Professor, Dept. of CSE, MITS
9.	Dr.Basabi Chakraborty	Subject Expert	Dean, Dept. of CSE, MITS
10.	Dr. Mahaboob Basha Shaik	Subject Expert	Professor, Dept. of CSE, MITS
11.	Dr.K.Lakshmi	Subject Expert	Professor, Dept. of CSE, MITS
12.	Dr.D.Jagadeesan	Subject Expert	Professor, Dept. of CSE, MITS
13.	Dr. V.Arun	Subject Expert & Programme Co-ordinator	Professor, Dept. of CSE, MITS
14.	Dr.R.Nidhya	Subject Expert	Professor, Dept. of CSE, MITS
15.	Dr.G.Arun Kumar	Subject Expert	Asso. Professor, Dept. of CSE, MITS
16.	Dr.G.N.Vivekananda	Subject Expert	Asso. Professor, Dept. of CSE, MITS
17.	Mrs.S.Kusuma	Subject Expert	Asst. Professor, Dept. of CSE, MITS

Head of the Department

Department of Computer Science & Engineering  
Madanapalle Institute of Technology & Science  
MADANAPALLE-517 325.

PRINCIPAL

Principal  
Madanapalle Institute of  
Technology & Science  
MADANAPALLE

# TENTH BOS MEETING

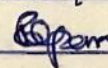
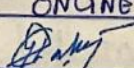

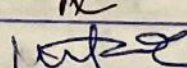
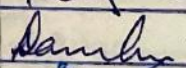

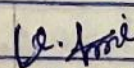
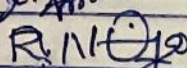
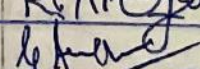
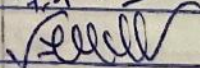
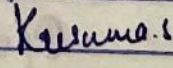
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## MINUTES OF THE MEETING

Tenth BOS Meeting of the department of CSE is scheduled to be held on 30.07.22 at 9:00 AM. Online mode.

### AGENDA:-

1. Approval of R-20 Course Structure & Syllabus for B.Tech (CSE) - III year.
2. Any other issues / Suggestions related to UG Autonomous Curriculum & Syllabus.

S.NO	BOS MEMBER	DESIGNATION	SIGNATURE
1.	Dr. R. Kalpana	Prof. & Head / CSE, MITS	
2.	Dr. R. B. V. Subramanyam	Prof / CSE, NIT, Warangal	ONLINE
3.	Prof. T. Sreenivasulu Reddy	Assoc. Prof / CSE, JNTU	ONLINE
4.	Prof. C. Shoba Binda	Director, R&D, JNTU	ONLINE
5.	Mr. Lokeshwara Reddy Kesapram	Technical Architect, TCS Bangalore.	ONLINE
6.	Mr. M. Lokeshkumar Rao	Senior Business Consultant, NIT, Bangalore.	ONLINE
7.	Dr. S. Narayanan	CEO, MITS.	ONLINE
8.	Prof. Goutham Chakraborty	Prof / CSE, MITS	
9.	Dr. Basabi Chakraborty	Dean / CSE, MITS.	
10.	Dr. Mahabub Basha Shaik	Prof / CSE, MITS	
11.	Dr. K. Lalchhmi	Prof / CSE, MITS.	
12.	Dr. D. Jagadeesan	Prof / CSE, MITS.	
13.	Dr. V. Arun	Prof / CSE, MITS.	
14.	Dr. R. Nidhya	Prof / CSE, MITS	
15.	Dr. G. Anunkumar	Asst. Prof / CSE, MITS.	
16.	Dr. G. N. Vivekananda	Assoc. Prof / CSE, MITS.	
17.	Mrs. S. Kusuma	Asst. Prof / CSE, MITS.	

Dr. R. Kalpana, Head of the Department, welcomed the members and started the presentation on the Vision, Mission, PEOs, POs and PSOs of the programme. Further, HoD explained the correlation between PEOs and Mission, POs & PEOs, PSOs & PEOs. The committee accepted the correlation between PEOs and Mission, POs & PEOs, PSOs & PEOs. Following that, she presented the III year B.Tech Computer Science and Engineering.

Initially, Head of the Department raised a question whether the students may be permitted to do online internship since there is no break period available in between end of II year and commencement of III year. All experts agreed that the students may be permitted to take online internship considering the situation.

The following suggestions were given by the experts during the meeting regarding the III year B.Tech Computer Science & Engineering.

\* In general, experts opined that number of Science Courses may be classified into reduced in Open Elective Course list since many basic Science Courses are already included in the Curriculum.

\* It was suggested like Profession Electives, Open Electives may be classified into

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Streams and students may be allowed to take up courses in different stream if they wish.

\* It was recommended to include the following courses in the OE list as per the expertise available.

- a) Network analysis
- b) Soft Computing.
- c) Computer Networks.
- d) Board Cardio/raspberry pi) based interactions.
- e) Optimization techniques.
- f) Matlab
- g) Communication skills.

\* Regarding the Professional Electives few reordering and inclusion of new courses were suggested.

a) In Professional Elective - I, Data Warehousing and Data Mining can be moved to Profession Elective II. Cryptography and Network Security can be replaced for that course.

b) In Professional Elective - II, Online Privacy and Social Network courses may be removed and Computer Vision may be included.

c) In Professional Elective - III, Dev Ops, Malware Analysis and Data Visualization may be included. Realtime Systems,

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Cryptography and Network Security, and Service Oriented Architecture may be removed.

d) In Professional Elective - IV, Real Time Systems, Micro Services & Service Oriented Architecture, and Cyber Security may be included. Digital Forensics, Crypto Currencies, and Foundation of Computer Vision may be removed.

e) In Professional Elective - V, Data base Security and Software Defined Network are to replace Wireless Network System and Cyber Security Courses.

\* With respect to Service oriented courses, it is suggested that word "laboratory" may be removed and the course names can be modified accordingly. Further, it was suggested the Skill based courses also can be given as Specialization Stream/threads.

\* For the courses offered for Honors degree, following suggestions were given,

a) For III year I semester, Data Visualization course may be replaced with Go Programming and Virtualization and Cloud Computing may be replaced by Data Communication.

b) For III year II semester, Data Analytics replaced by Mining Machine Data Sets and Block-chain Technology and Application replaced

by GPU Computing.

c) For III year IV semester, Cyber Forensics to be replaced with Cryptanalysis or High-performance Computing, Computer Vision and Deep learning to be replaced by Medical Image Data Analysis.

d) Experts suggest that the number of credits given for mini project may be reduced.

\* For minor degree, it is suggested to provide minor degree as Computer Science & Engineering, not on the basis of Specialization domains since the Specialization Courses need the know edge in Core Computer Science & Engineering.

a) Core Courses like Data Structures, Operating Systems, Database Management Systems and Network Security may be given in III year.

b) Specialization Stream based courses may be added later on semester(s).



Head of the Department,  
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