



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

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

NAAC Accredited with A+ Grade

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



## Department of Computer Science & Technology

**Seventh Board of Studies Committee Meeting**

**Academic Year: 2023-2024**

Seventh BoS Meeting of the Department of CST was conducted on 17-06-2023 at

10.30 A.M. in online mode.

### AGENDA:

1. Approval of the R20 curriculum Course Structure & Syllabus for Courses in IV Year Regular B. Tech (CST) / IV Year B. Tech (CST) Honors Program / IV Year B. Tech Minor Program
2. Any other Issues / Suggestions related to UG-Autonomous Curriculum & Syllabus.

### Members of the Board of Studies:

S.No.	Name of the member	Composition as per the UGC – Autonomous guidelines	Designation & Address
1.	Dr.M.Sreedevi	Head of the Department concerned (Chairman)	Professor & Head, Dept. of CST, MITS.
2.	Dr. R. Subramanian	Subject Expert nominated by Academic Council	Professor, Department of Computer Science & Engineering, Pondicherry University, Pondicherry.
3.	Dr. P. Victor Paul	Subject Expert nominated by Academic Council	Assistant Professor, Dept. of CSE, Indian Institute of Information Technology, Kottayam.
4.	Dr. A. Suresh Babu	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal	Prof. in CSE & Controller of Examinations (UG), JNTU-Anantapur, Anantapur.
5.	Dr. Lakshmi Pavani Veluru	Representative from Industry/Corporation sector/allied area related to placement	Senior Lead, Educator and Mentor, HCL Technologies, Bangalore.
6.	Ms.Y. Grishma Sri	One graduate meritorious alumnus to be nominated by the Principal	B.Tech (2018-2022 batch) Associative Software Engineer, Legato Health Technologies ,Bangalore.
7.	Dr. P. Ramanathan	Vice Principal (Academics)	Vice Principal (Academics), MITS
8.	Dr. Basabi Chakraborty	Subject Expert	Professor & Dean/CST, MITS
9.	Dr. K. Dinesh	Subject Expert (Academic Coordinator)	Assoc. Professor/CST, MITS
10.	Dr. S Shanthi	Subject Expert	Asst. Professor/CST, MITS

11.	Dr. S. Padma	Subject Expert	Asst. Professor/CST, MITS
12.	Dr. R. Manikandan	Subject Expert	Asst. Professor/CST, MITS
13.	Dr. K. Sree Divya	Subject Expert	Asst. Professor/CST, MITS
14.	Dr. N. Praveena	Subject Expert	Asst. Professor/CST, MITS
15.	Dr. Aravind B	Subject Expert	Asst. Professor/CST, MITS

**Minutes of Meeting with BoS Members held on 17-06-2023**

**Dr. M. Sreedevi** Head of the Department welcomed the external experts and internal faculty members for the Board of Studies of Computer Science & Technology.

**R20 Curriculum Course Structure & Syllabus for Regular IV Year B. Tech (CST):**

BoS Members have approved the structure & syllabus for IV-year CST with the following suggestions/modifications.

1. The Course titled Perception & Computer Vision and Big Data Analytics were accepted by the members without changes.
2. The members suggested to reduce the content from Unit III and IV in the Digital Forensics and further suggested include case studies in Unit V.
3. The members suggested to include the stability analysis in Unit II of Modelling and Simulation course.
4. The experts suggested to include the Case Studies and Modern Network Programming topic in the syllabus of Network Programming.
5. The members suggested to modify Unit I by removing the content related to filtering and include the same in Unit II.
6. The experts suggested to introduce the course Advanced Algorithms and Fundamental of Fog and Edge computing.
7. The members suggested to include the content related to Industrial Standards in the course on Human computer interaction.
8. The members accepted the course titled Sensors and Actuator Devices and Multi Agent Systems without changes.
9. In course titled Deep Learning Techniques the panel members suggested to include Case Studies in the Unit V.
10. The newly included courses Quantum Computing and Augmented Reality and Virtual Reality were accepted by the members.
11. The course syllabus of Data Analytics and visualization was approved by the members. Further it was suggested that contents related to Statistics may be removed from Unit II and Unit III in this course.
12. The members accepted the following Skill Oriented V courses such as Statistics with R Programming and Pattern Recognition in IV Year I Semester.



13. The experts suggested to introduce a new skill-oriented course related to Middleware Technologies for placement aspect. The members recommended to follow APCHE framework without any deviation.
14. The members appreciated the inclusion of Honors and Minor Program in the syllabus.

**R20 Curriculum Course Structure & Syllabus for IV Year B. Tech (CST) Honors Program:**


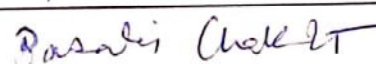
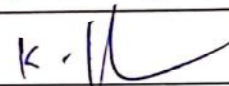
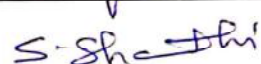
1. The members approved the Course Structure and Syllabus pertaining to the Courses in the IV Year B. Tech (CST) Honors Program without any modifications.



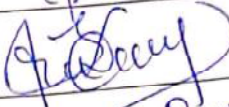
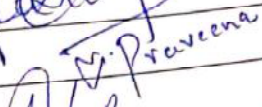

**R20 Curriculum Course Structure & Syllabus for IV Year B. Tech Minor Program Offered by CST Department:**

1. The members approved the Course Structure and Syllabus pertaining to the Courses in the IV Year B. Tech Minor Program without any modifications.

The meeting concluded with Vote of Thanks proposed by Dr. M. Sreedevi, Head of the Department, Computer Science & Technology.

**BoS Members:**

S.No.	Name of the member	Composition as per the UGC – Autonomous guidelines	Signature
1.	Dr. M. Sreedevi	Head of the Department concerned (Chairman)	
2.	Dr. R. Subramanian	Subject Expert nominated by Academic Council	}
3.	Dr. P. Victor Paul	Subject Expert nominated by Academic Council	
4.	Dr. A. Suresh Babu	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal	
5.	Dr. Lakshmi Pavani Veluru	Representative from Industry/Corporation sector/allied area related to placement	
6.	Ms.Y.Grishma Sri	One postgraduate meritorious alumnus to be nominated by the Principal	
7.	Dr. P. Ramanathan	Vice Principal (Academics)	
8.	Dr. Basabi Chakraborty	Subject Expert	
9.	Dr. K. Dinesh	Subject Expert (Academic Coordinator)	
10.	Dr. S Shanthi	Subject Expert	

11.	Dr. S. Padma	Subject Expert	
12.	Dr. R. Manikandan	Subject Expert	
13.	Dr. K. Sree Divya	Subject Expert	
14.	Dr. N. Praveena	Subject Expert	
15.	Dr. Aravind B	Subject Expert	



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## Department of Computer Science & Technology

### **Eighth Board of Studies Committee Meeting**

**Academic Year: 2023-2024**

Eighth BoS Meeting of the Department of CST related to R23 Regulations was circulated via email dated on 31-08-2023 for the approval of external BOS Members.

#### **AGENDA:**

1. Approval of the R23 curriculum Course Structure & Syllabus for 1 Year.
2. Any other Issues / Suggestions related to UG-Autonomous Curriculum & Syllabus.

#### **Members of the Board of Studies:**

S.No.	Name of the member	Composition as per the UGC – Autonomous guidelines	Designation & Address
1.	Dr. M. Sreedevi	Head of the Department concerned (Chairman)	Professor & Head, Dept. of CST, MITS.
2.	Dr. R. Subramanian	Subject Expert nominated by Academic Council	Professor, Department of Computer Science & Engineering, Pondicherry University, Pondicherry.
3.	Dr. P. Victor Paul	Subject Expert nominated by Academic Council	Assistant Professor, Dept. of CSE, Indian Institute of Information Technology, Kottayam.
4.	Dr. A. Suresh Babu	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal	Prof. in CSE & Controller of Examinations (UG), JNTU-Anantapur, Anantapur.
5.	Dr. Lakshmi Pavani Veluru	Representative from Industry/Corporation sector/allied area related to placement	Senior Lead, Educator and Mentor, HCL Technologies, Bangalore.
6.	Ms. Y. Grishma Sri	One graduate meritorious alumnus to be nominated by the Principal	B.Tech (2018-2022 batch) Associative Software Engineer, Legato Health Technologies, Bangalore.
7.	Dr. P. Ramanathan	Vice Principal (Academics)	Vice Principal (Academics), MITS
8.	Dr. Basabi Chakraborty	Subject Expert	Professor & Dean/CST, MITS
9.	Dr. K. Dinesh	Subject Expert (Academic Coordinator)	Assoc. Professor/CST, MITS
10.	Dr. S Shanthi	Subject Expert	Asst. Professor/CST, MITS





11.	Dr. S. Padma	Subject Expert	Asst. Professor/CST, MITS
12.	Dr. R. Manikandan	Subject Expert	Asst. Professor/CST, MITS
13.	Dr. K. Sree Divya	Subject Expert	Asst. Professor/CST, MITS
14.	Dr. N. Praveena	Subject Expert	Asst. Professor/CST, MITS
15.	Dr. Aravind B	Subject Expert	Asst. Professor/CST, MITS

**Minutes of Meeting Circulated with BoS Members Via on Email**

**Dr. M. Sreedevi, Head of the Department with the approval of internal faculty members forwarded the following minutes to the Board of Studies external members of Computer Science & Technology.**

1. The Jawaharlal Nehru Technological University Anantapur (JNTUA) has sent an email dated 31/08/2023, sharing the R23 academic regulations, course structure and first-year syllabus applicable for the students admitted into the B. Tech. programmes of Constituent, Autonomous and Affiliated colleges of the University from the academic year 2023-24.
2. The curriculum structure and syllabus formulated by JNTUA towards the Department of Computer Science & Technology in the I Year B. Tech Program circulated via email to the external members.
3. The members accepted the curriculum structure unanimously without any modifications via email.
4. The members approved the Syllabus pertaining to the Courses such as of 23CSE101- Introduction to Programming, 23CSE201- Computer Programming Laboratory, 23CSE202- IT Workshop, 23CSE102- Data Structures and 23CSE203- Data Structures Laboratory in the I Year B. Tech without any modifications via email.

**BoS Members:**

S.No.	Name of the member	Composition as per the UGC – Autonomous guidelines	Signature
1.	Dr. M. Sreedevi	Head of the Department concerned (Chairman)	
2.	Dr. R. Subramanian	Subject Expert nominated by Academic Council	
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4.	Dr. A. Suresh Babu	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal	
5.	Dr. Lakshmi Pavani Veluru	Representative from Industry/Corporation sector/allied area related to placement	

6.	Ms. Y. Grishma Sri	One postgraduate meritorious alumnus to be nominated by the Principal	via email.
7.	Dr. P. Ramanathan	Vice Principal (Academics)	P. Ramanathan
8.	Dr. Basabi Chakraborty	Subject Expert	B
9.	Dr. K. Dinesh	Subject Expert (Academic Coordinator)	K D
10.	Dr. S Shanthi	Subject Expert	S. Shanthi
11.	Dr. S. Padma	Subject Expert	S. Padma
12.	Dr. R. Manikandan	Subject Expert	R. Manikandan
13.	Dr. K. Sree Divya	Subject Expert	K. Sree Divya
14.	Dr. N. Praveena	Subject Expert	N. Praveena
15.	Dr. Aravind B	Subject Expert	Dr. Aravind B