



# 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

### Industry Alumni Advisory Board (IAAB)

Academic Year: 2023-2024

Industry Alumni Advisory Board (IAAB) Meeting of the Department of CST is scheduled to be held on 31-05-2023 at 02.30 PM to 05.00 PM.in online mode.

#### AGENDA:

1. Various aspects to fill the gaps in the curriculum to meet industrial expectations for R20 curriculum course structure & syllabus for 4<sup>th</sup> year.
2. Different methodologies for innovative teaching and learning to improve employability skills.
3. Suggest project-based learning activities to bridge the gap between theory and practical knowledge.

#### Members of the IAAB:

Sl. No	Name of the Faculty members	Designation	Position of IAAB
1	Dr. P. Victor Paul	Assistant Professor, Dept of CSE, Indian Institute of Information Technology, Kottayam	Member (Academia)
2	Dr. Sakthi Murugan	Managing Director, Interjet- India Pvt. Ltd.	Member (Industry)
3	Mr. Arunmozhi	Sr e-Learning Developer, eLearning Brothers.	Member (Industry)
4	Ms.Y.Grishma Sri	Associative Software Engineer, Legato Health Technologies, Bangalore	Member (Alumni)
5	Dr.M.Sreedevi	Head of the Department concerned (Chairman)	Convenor
6	Dr. K. Dinesh	Associate Professor (Academic Coordinator)	Member
7	Dr. S Shanthi	Assistant Professor	Member
8	Dr. S. Padma	Assistant Professor	Member
9	Dr. R. Manikandan	Assistant Professor	Member
10	Dr.K.Sreedivya	Assistant Professor	Member



**Minutes of Meeting with IAAB Members held on 31-05-2023**

HoD and Academics Coordinator welcomed the external experts and internal faculty members for the Industry Alumni Advisory Board meeting of Computer Science & Technology.

HOD presented the R20 Syllabus for the IV Year semester I & II of CST department.


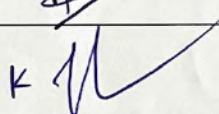
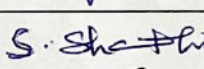
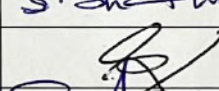
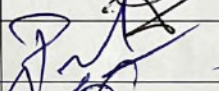
**R20 curriculum course structure & syllabus for 3<sup>rd</sup> year**

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

1. The members suggested to include tool of Computer Vision in the syllabus of Perception & Computer Vision.
2. Add the latest edition of the textbook and reference book for the course Big Data Analytics and include the content related to data streams.
3. The members suggested changing the title Computer Forensics to digital Forensics and reducing the contents in 3 and 4 unit of Computer Forensics. Further, the insisted to include the forensic tool.
4. Change the 3 Unit by adding content about data sources and include recent textbook and reference book for the course Modelling and Simulation.
5. The members suggested including the raw sockets in the syllabus of Network Programming.
6. The members suggested including the content about sampling, representation, quantization data in image processing and unit 5 include case studies and tools for the subject Image and Video Processing.
7. Include topic related to data management using application for the subject Fundamental of fog and Edge computing.
8. Include topic related to cognitive model and include book related to Human Computer Interaction.
9. Multi Agent Systems subject should include separate unit with game theory introduction, entertainment agent, action swarm, self-organization.
10. Deep Learning Techniques subject should include GAN in unit 5.
11. The member suggested to include some tools in unit IV and application in unit V for the subject Augmented Reality and Virtual Reality.
12. The members recommended removing the subject Virtualization Technologies as its difficult for the student to study in the appropriate period.
13. Data visualization subject must include content related to data analytics in unit 1.
14. Skill Oriented Course Statistics with R Programming LAB and Pattern Recognition Laboratory accepted in the same format.
15. The honors and minors course syllabus are accepted by the members.



**IAAB Members:**

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1.	Dr. P. Victor Paul	Assistant Professor, Department of CSE, Indian Institute of Information Technology, Kottayam	Online
2.	Dr. Sakthi Murugan	Managing Director, Interjet- India Pvt. Ltd.	Online
3.	Mr. Arunmozhi	Sr e-Learning Developer, eLearning Brothers.	Online
4.	Ms.Y.Greeshma Sree	Associative Software Engineer, Legato Health Technologies, Bangalore	Online
5.	Dr.M.Sreedevi	Head of the Department concerned (Chairman)	
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