

### An Autonomous Institution

Approved by AICTE, Affiliated to JNTUH

Accredited by NAAC-A Grade, NBA (CSE, ECE & ME) & ISO 9001:2015 Certified

## Department of CSE (Artificial Intelligence & Machine Learning)

### Circular

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It is informed that the third BoS Meeting will be held on 27-01-2024 at 10:00 AM in the HoD's chamber to discuss the following agenda points.

### **AGENDA**

Item-1: Introduction of Board of Studies (BoS) Members.

Item-2: About the Department / Accreditations / Recognitions

Item-3: B.Tech CSE (AI&ML); R 22 Regulations

Item-4: B.Tech CSE (AI&ML) -III Year Course Structure and Detailed Syllabus.

Item-6: Any other points with the permission of chair.

Dr. A.Swathi

HoD & Chairman BoS



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# Department of CSE (Artificial Intelligence & Machine Learning)

## Minutes of meeting:

Minutes of the Meeting of Board of Studies (BoS), CSE (AI&ML) Department was conducted on 27-01-2024 at 10:00 am in Principal's Chamber.

### AGENDA:

Item-1: Introduction of Board of Studies (BoS) Members.

Item-2: About the Department / Accreditations / Recognitions

Item-3: B.Tech CSE (AI&ML), III Year Course Structure and Detailed Syllabus.

Item-4: Any other points with the permission of chair.

Item-5: Activity oriented non laboratory course (Logical reasoning) were introduced.

### Points discussed:

- 1) Activity oriented non laboratory courses were accepted by the committee as per the need of placements.
- 2) Deep learning lab course schedule is changed according to the most prevailing algorithms of deep learning.
- 3) Soft computing syllabus is changed so that it includes Genetic algorithms of AI.
- 4) Advanced Communication Skills lab is changed to Advanced English Communication Skills Lab.
- 5) Discussed importance of Cyber Security, Vulnerability Analysis, Quantum Computing, Penetration Testing and the inclusion of such subjects in IV-year.



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## Department of CSE (Artificial Intelligence & Machine Learning)

Board of Studies - Members

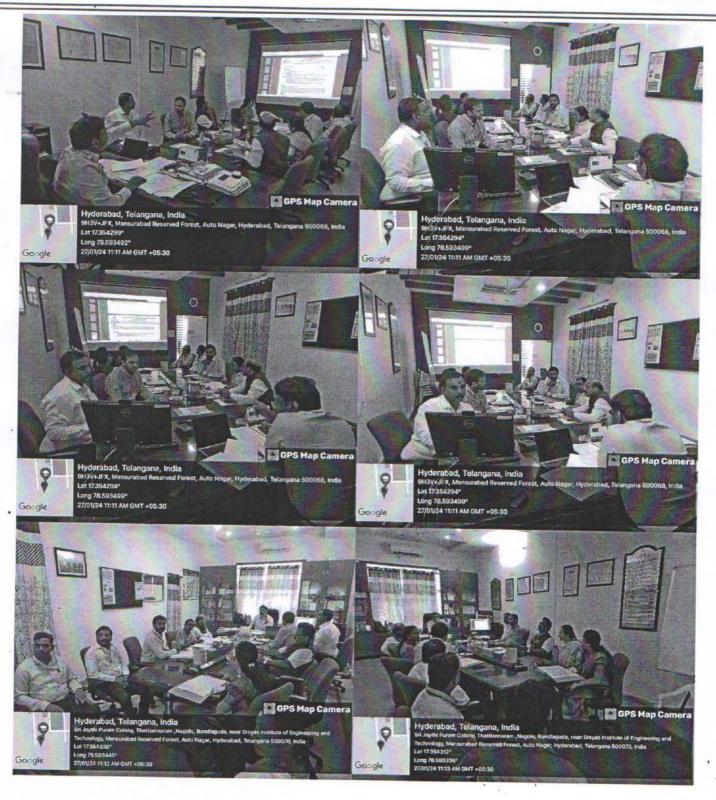
S.No	Name	Designation	Position	Signature
1	Dr. A.Swathi	HoD of CSE (AI&ML), SIET	Chairman	froots
2	Dr. G.Narsimha	Prof of CSE, JNTUH, UCES	University Nominee	q. Aprila
3	M Manoj	Scientist-E, RCI, Hyderabad Industrialist	Industrialist	
4	Dr. U.M.Fernandes Dimlo	Prof, HoD of CSE	Specialized Faculty-1	(less)
5	Dr. M.Jayaram	HoD of CSE (DS), SIET	Specialized Faculty-2	M. Tayen
6	Mrs. Swathi Varala	Co-Founder, Techshine Solutions, Hyderabad	Alumni Student	Swathi
7	Dr. K.Shyamala	Professor, Department of CSE, Osmania University	Subject Expert-1	37/1/2024
8	Dr. Sandeep Kumar Panda	Professor, ICFAI University, Hyderabad	Subject Expert-2	S. Parda
9	Dr. K.Sagar	Prof & Principal, SIET	Faculty	Mus.
10 ·	Dr. S.Deepika	Prof, SIET	Faculty	EX.
11	Dr. K.Rohit Kumar	Prof, SIET	Faculty	lether
12	Dr. K.Madan Mohan	Prof, SIET	Faculty	KAD
13	Mr. M.Srinivas	Associate Professor	Faculty	elle



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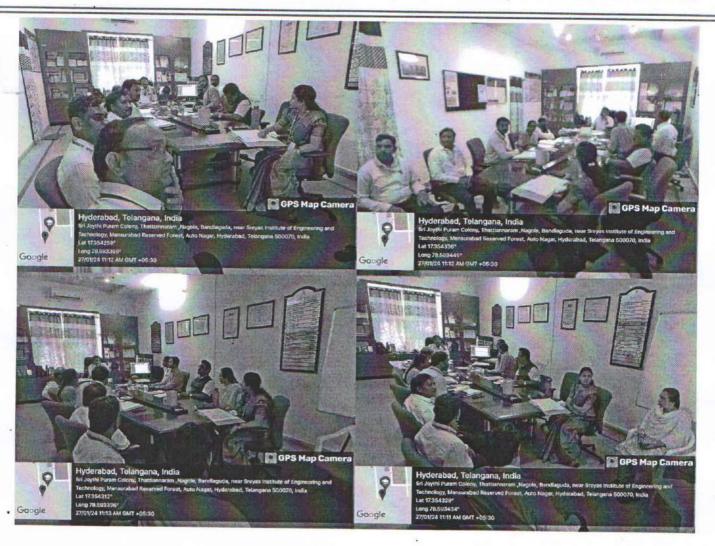




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The Board of Studies meeting was concluded with vote of thanks.



**SREYAS** 

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### DEPARTMENT OF CSE (AI&ML)

# B.Tech. in CSE (AI &ML) COURSE STRUCTURE & SYLLABUS

(R22 Regulations-Autonomous) Applicable from 2022-23 Batch

#### III YEAR I SEMESTER

S. No.	Course Code	Course Title	L	Т	Р	Credits
1		Design and Analysis of Algorithms	3	0	0	3
2		Machine Learning	3	0	0	3
3	*	Computer Networks	3	0	0	3
4		Business Economics & Financial Analysis	3	0	0	3
5		Professional Elective - I	3	0	0	3
6		Machine Learning Lab	0	0	2	1
7		Computer Networks Lab	0	0	2	1
8		Advanced English Communication Skills lab	0	0	2	1
9		Intellectual Property Rights	3	0	0	0
10		Logical Reasoning- I	0	0	2	1
11		Skill Development Course (UI design- Flutter)	0	0	2	1
		. Total	18	0	10	20

#### III YEAR II SEMESTER

S. No.	Course	Course Title	L	Т	Р	Credits
1		Deep Learning	3	0	0	3
2	3.7	Data Analytics	3	0	0	3
3		Natural Language Processing	3	0	0	3
4		Professional Elective – II	3	0	0	3
5		Open Elective-I	3	0	0	3
6		Natural Language Processing Lab/Full Stack Development Lab	0	0	2	1
7		Deep Learning Lab	0	0	2	1
8		Logical Reasoning-, II	0	Q	2	1
9		Data Analytics Lab	0.	0	2	1
10		Environmental Science .	3	0	0	0
11		Industrial Oriented Mini Project/ Internship/Skill Development Course (DevOps)	0	0	2	1
		Total	18	0	10	20

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6. Swathi

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### DEPARTMENT OF CSE (AI&ML)

#### #Skill Course - 1 credit with 2 Practical HoursProfessional Elective-I

Graph Theory	
Introduction to Data Science	
Web Programming	
Image Processing	Y.
Soft Computing	

#### Professional Elective - II

	Software Testing Methodologies
	Information Retrieval Systems .
	Pattern Recognition
	Full Stack Development- Java
7	Data Warehousing and Business Intelligence

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