

## KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506015, TELANGANA, INDIA काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६०१५, तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ೫೦೬ ೦೧೫ ತಿಲಂಗಾಣ, ಘರತದೆಕಮು

(An Autonomous Institute under Kakatiya University, Warangal)
(Amroved by AICTE New Delhi: Recognised by IICC under 2(f) & 12(R): Snowsore

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# **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI&ML)**





It gives me immense pleasure that the Department of Computer Science and Engineering (AI&ML) is coming up with their second issue of their newsletter "AI Chronical". I appreciate the enthusiastic effort made by the Editorial board, staff and the students to bring out this issue and all the hard work they put in. We believe in working hard to foster a culture that is always focused on doing what is best for students and ensuring that they have a positive educational experience that will transform them into good engineers and good human beings.

Dr. K. Ashoka Reddy Principal, KITSW



We are elated to release the second issue of newsletter of Department of Computer Science and Engineering (AI&ML), July 2024. In our newsletters, we periodically publish all the important events, activities of the students and faculty. The unique feature of this newsletter is that its designed and developed by our students. I thank all contributors including faculty, staff members and students for their valuable inputs.

Dr. S. Narasimha Reddy
HoD, CSM

Attaining centre of excellence status in various fields of Computer Science and Engineering (AI & ML) by offering worth full education, training and research to improve quality of software services for ever growing needs of the industry and society.

- 1 Practice qualitative approach and standards to provide students better understanding and profound knowledge in the fundamentals and concepts of computer science with its allied disciplines.
- 2 Motivate students in continuous learning to enhance their technical, communicational, and managerial skills to make them competent and cope with the latest trends, technologies, and improvements in computer science to have a successful career with professional ethics.
- Involve students to analyze, design and experiment with contemporary research problems in computer science to impact socio-economic, political and environmental aspects of the globe.
  - The Department of Computer Science and Engineering (AI & ML), which has a fine blend of renowned as well as Experienced and dynamic personalities as faculty, is involved in providing quality education at Undergraduate (UG). The syllabi of the courses are continuously updated and the laboratories modernized to reflect the rapid changes in technology and Industries.

## **List of Cloud Computing AWS Certified Students**

			571110		
Roll No.	Name	E-mail ID		Name	E-mail ID
B21AI057	G.V.N. SREEKAR	b21ai057@kitsw.ac.in		THaritha	b21ai009@kitsw.ac.in
B21AI042	E. Sheshu	b21ai042@kitsw.ac.in	B21AI003	Mamindlapelli Sanjana	b21ai003@kitsw.ac.in
B21AI060	R Raghavender Reddy	b21ai060@kitsw.ac.in	B21AI015	Srimukhi Pulluri	b21ai015@kitsw.ac.in
B21AI038	Pola Lokesh	b21ai038@kitsw.ac.in	B21AI046	Varun Boddula	b21ai046@kitsw.ac.in
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B21AI022	Polakonda Sriharini	b21ai022@kitsw.ac.in		CH. Ganesh	B22ai070l@kitsw.ac.in
B21AI034	RAKESH MAMIDI	B21ai034@kitsw.ac.in	B21AI026	Tejaswini	b21ai026@kitsw.ac.in
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B21AI021	Kundanika	kundanika2305@gmail.com	B21AI054	G. Rahul	b21ai054@kitsw.ac.in
	K. Sowmya	b22ai067l@kitsw.ac.in	B21AI039	B. Sri Chaithra	b21ai039@kitsw.ac.in
B21AI007	Chaitanya. A	b21ai007@kitsw.ac.in	B21AI006	Chinnala Sai Vignesh	b21ai006@kitsw.ac.in
B21Al027	Bilvani	b21ai027@kitsw.ac.in	B21AI063	K. Divya Sri	b21ai063@kitsw.ac.in
B21AI027	Hima Shankar	b21ai002@kitsw.ac.in	B21AI055	Gugulothu Nikhitha	b21ai055@kitsw.ac.in
			B21AI061	Jupaka Bhanu Prasad	b21ai061@kitsw.ac.in
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B21AI020	Katta Lenin Balaji	b21ai020@kitsw.ac.in	B21AI044	Maskani Nithyasri	b21ai044@kitsw.ac.in
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B21AI013	Pappu Venkata Sesha Sai Ram		B21AI058	Shivasai	b21ai058@kitsw.ac.in

## Faculty List of SWAYAM NPTEL

No.	Faculty Name	Course	Branch	Completed Month	Year
1	HANUMANTHU BUKYA	Introduction to Machine Learning	CSM	Jul-Oct 2024	2024
2	DR M SUJATHA	Data Structure and Algorithms using Java	CSM	Jul-Oct 2024	2024
3	DR M SUJATHA	Introduction to Machine Learning	CSM	Jul-Oct 2024	2024
4	ENUGALA RAJITHA	Introduction to Machine Learning	CSM	Jul-Oct 2024	2024
5	KOTTE VINAYKUMAR	Cloud Computing	CSM	Jul-Oct 2024	2024
6	SAI RAMA KRISHNA INDARAPU	Data Structure and Algorithms using Java	CSM	Jul-Oct 2024	2024
7	REVOORI SWETHA	Introduction to Internet of Things	CSM	Jul-Oct 2024	2024

### Student List

No.	Student Name	Course	Branch	Completed Month	Year
1	ENDLAAKHIL BALAJI	Data Base Management System	CSM	Jul-Sep 2024	2024
2	ENDLAAKHIL BALAJI	Introduction to Machine Learning	CSM	Jul-Sep 2024	2024
3	ENDLAAKHIL BALAJI	Data Structure and Algorithms using Java	CSM	Jul-Oct 2024	2024
4	ENDLAAKHIL BALAJI	Introduction to Internet of Things	CSM	Jul-Oct 2024	2024
5	ADI SAI KIRAN	Data Structure and Algorithms using Java	CSM	Jul-Oct 2024	2024
6	DARBHASAYANAM SHREEYA	,	CSM	Jul-Oct 2024	2024
7	CHURUKANTIAKSHITHA	The Joy of Computing Using Python	CSM	Jul-Oct 2024	2024
8	SRIVARDHAN AMEDA	Introduction to Machine Learning	CSM	Jul-Oct 2024	2024
9	KATAKAM SHREEJA	The Joy of Computing Using Python	CSM	Jul-Oct 2024	2024
10	RAGIANVESH	Introduction to Machine Learning	CSM	Jul-Oct 2024	2024
11	MOHAMMAD ASTHMA	Introduction to Industry 4.0 and Industrial Internet of Things	CSM	Jul-Oct 2024	2024
12	MOHAMMAD ASTHMA	Modern Digital Communication Techniques	CSM	Jul-Oct 2024	2024
13	SIDDU	Introduction to Machine Learning	CSM	Jul-Oct 2024	2024
14	KANDIKONDA SRIVIDYA	The Joy of Computing Using Python	CSM	Jul-Oct 2024	2024
15	JEGGA REBAKAH SHARON	Programming in Java	CSM	Jul-Oct 2024	2024
16	NAGULA SHRAVYA	Machine Learning and Deep Learning - Fundamentals and Applications	CSM	Jul-Oct 2024	2024
17	PARUSU HARSHITHA	The Joy of Computing Using Python	CSM	Jul-Oct 2024	2024
18	RAPAKATHANMAI	Problem Solving Through Programming in C	CSM	Jul-Oct 2024	2024
19	VALLAMPATLA SRILAXMI	Problem Solving Through Programming in C	CSM	Jul-Oct 2024	2024
20	BUSHRA MARWA	Problem Solving Through Programming in C	CSM	Jul-Oct 2024	2024
21	GUNDU BHUVANASRI	Programming in Java	CSM	Jul-Oct 2024	2024
22	VARDHANKLIMARCH	Programming in Java	CSM	Jul-Oct 2024	2024

#### **Placements**



Nagendra Vadnala B21AI019



Mamidi Sai Manish B21AI028



Tailam Mrindini B21AI047



Varsha Medisetti B21AI025



B21AI055



Gugulothu Nikhitha Balguri Sri Chaithra B21AI039



Pappu Venkatasesha Sai Ram Chaitanya Akkinapelli B21AI013 B21AI007



Rakesh Mamidi B21AI034



Komuravelli Rakshitha Mamindlapelli Sanjana B21AI024 B21AI003



Polakonda Sriharini B21AI022



Tanuja Goli B21AI059



**BALNE VYSHNAVI** B21AI052



B21AI012



Komali Pillalamarri Harshini Reddy Nukala B21AI001



Katte Lenin Balaji B21AI020



Hima Shankar B21AI.....

# NPTEL ONLINE CERTIFICATION



HANUMANTHU BUKYA for successfully completing the course

Introduction to Machine Learning

solidated score of 53 % Online Assignments 21.03/25 Proctored Exam 32.15/75 Total number of candidates certified in this course: 4541

Jul-Oct 2024

M. Vignesh

Jul-Oct 2024

NPTEL ONLINE CERTIFICATION

This certificate is awarded to

KOTTE VINAYKUMAR

Cloud Computing

with a consolidated score of 78 %

Online Assignments 23.53/25 Proctored Exam 54.44/75

Jul-Oct 2024

Total number of candidates certified in this course: 30816

cessfully completing the cours

NPTEL ONLINE CERTIFICATION Elite

NPTEL ONLINE CERTIFICATION

This certificate is awarded to

DR M SUJATHA

Data Structure and Algorithms using Java

with a consolidated score of 64 %

Online Assignments 24.63/25 Proctored Exam 39.5/75

Total number of candidates certified in this course: 5081

M. Vignesh Jul-Oct 2024







Elite



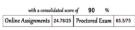


NPTEL ONLINE CERTIFICATION



ENUGALA RAJITHA essfully completing the course

Introduction to Internet of Things



Total number of candidates certified in this course: 33131

Jul-Oct 2024







Elite NPTEL ONLINE CERTIFICATION

NPTEL ONLINE CERTIFICATION

DR M SUJATHA

Introduction to Machine Learning

Online Assignments | 20.41/25 | Proctored Exam | 33.68/75

Total number of candidates certified in this course: 4541

dated score of 54 %



This certificate is awarded to REVOORI SWETHA for successfully completing the course

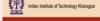


Introduction to Internet of Things



with a consolidated score of 90 % Online Assignments 24.35/25 Proctored Exam 66/75 Total number of candidates certified in this course: 33131

Jul-Oct 2024















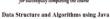


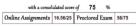


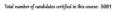


Elite NPTEL ONLINE CERTIFICATION

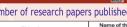








Jul-Oct 2024 (12 week course)





Title of paper	Name of the	Department of the		Year of	ISSN number	Link to the recognition in UGC enlistment of the Journal		
	author/s	teacher	Journal (WoS)	publication				
						Link to website	Link to article / paper /	ls it listed in
						of the Journal	abstract of article	UGC Care list
Cluster-based routing protocols through optimal cluster head selection for mobile ad hoc network		CSE (AI&ML)	Bulletin of Electrical Engineering and Informatics	2024	2302-9285	https://beei.org/i ndex.php/EEI	https://beei.org/index.php/ EEI/article/view/8863	Yes
Hybrid TDR-MI Based Wireless Sensor Network for Underground Water Pipeline Leakage Detection and Localization Using Pressure Residuals and Classifiers	H. B. Bhukya, and R.	CSE (AI&ML)	Wireless Personal Communications	2024	1572-834X		https://link.springer.com/ar ticle/10.1007/s11277-024- 11623-0	

