



Department of Information Technology

Tech Talks-Insights of IT

Volume-5, Issue 1, **July 2022**

**ANDHRA LOYOLA
INSTITUTE OF
ENGINEERING AND
TECHNOLOGY**

MESSAGE FROM HOD DESK

EDITORIAL BOARD

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It gives me immense pleasure to lead the Information Technology Department of this esteemed and prestigious Institution. We impart quality education in different disciplines of Information Technology.

The Department of Information Technology was formed in the year 2008. The department has started B.Tech program with an initial intake of 60. The department is well equipped with the latest computing labs & infrastructure, which includes latest and licensed software's and computers with high configuration

Our faculty members aim at delivering top class education blending their rich research experience with class room teaching. The entire faculty is involved in research activities and has published/presented papers in national and international journals and conferences.

The department offers various certification training programs to students like APSSDC Artificial Intelligence, Cyber Security, multimedia, Python Programming to make the students well prepared to face the industry. The department has also MoU's with different companies to encourage students with new technologies. Students are encouraged to do Internships at various companies to get an experience in the corporate sector. Students are encouraged to participate in various events in different colleges.

VISION:

To evolve as a center for quality engineers with academic excellence and social responsibility in ever changing IT field.

MISSION:

M1: To impart higher education with academic excellence to produce quality engineers.

M2: To instill values of quality learning among emerging technocrats to meet the needs of society.

PEO's

- 1.To prepare the students as IT professionals with mathematical, scientific and technical skills.**
- 2.To make the students practice effective soft skills for a successful career in IT industry.**
- 3.To give student awareness on lifelong and cultivate professional ethics in the IT industry.**

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Our faculty is Our Strength

<u>S.No</u>	Name of The Faculty	Designation
1	Mr S.Kishore Babu	Associate Professor & HOD
2	Dr.V.Shanmukha Rao	Associate Professor
3	Mrs Durvasi Gudivada	Assistant Professor
4	Mr Vidya Sagar V	Assistant Professor
5	Mr Md.Imran	Assistant Professor
6	Mr. P.Naga Babu	Assistant Professor
7	Mrs L Kanya Kumari	Assistant Professor
8	Mrs M.Sri Lakshmi Vani	Assistant Professor
9	Dr D Ratna Kishore	Associate Professor
10	Mr D S Srinivas	Assistant Professor

Guest Lectures / Workshops/ Seminars Organized

S no	Event Name	Date Of Event	Resource Person	No.of Students
01	Animation And Multimedia	1 Day 19 th Oct 2021	Mr .Mani Kishor & T.Mathew Antony Koshys Animation & Media School (Kams) Bengaluru	53
02	Artificial Intelgence	23 rd Sep 2021	Mr .Saravanan T.R Hyderabad	53
03	Engineer's Day Celebrations	15 th Sep 2021	Mr.P. Venkateswara Rao, Branch Manager, Yalamanchili Engineers Private Limited, It Medha Towers, Vijayawada.	64
04	Employability Skills	13 th Dec 2021 To 18 th Dec 2021	D.Bhavani Naandi Foundation - Trainer	64
05	Python Programming	27-12-2021 To 31-12-2021	APPSSDC	67

06	Web Development Using Django	27-12-2021 To 31-12-2021	APSSDC	63
07	Basics Of Cyber Security	06-12-2021 To 8-12-2021	APSSDC	53
8	Eac- Role Of One District One Product Approach (Odop) In Making India Self-Reliant	15 th Dec 2021	Sri J. Sai Sudheer Kumar ,Resource Person, Mgncre	110
09	Artificial Intelgence-2	31-12-2021 To 03-01-2022	Mr T.V.M.Sairam Hyderabad	63
10	Microsoft Power Bi	22-April-22	Prasanth Kasi Power Bi Consultant Tcs	53
11	Advanced Python	05 th May 2022 To 7 th May 2022	Mr.D.Sai Sateesh & D.Satya Bharat Trainers, Indian Servers	63
12	Student Career Guidance	23-April-2022	Chandravamsi Surapaneni(Alumini) Associative Software Engineer Accenture	110
13	Eac-Awareness Generation Programme-Byst	30-April-2022	Mr. Chandra Sekhar Rao Nird-Nrlm Govt Of India	63
14	Eac-An Insight Into Entrepreneurship Journey	28-April-2022	A.Manju Latha Ceo Of Digital Manju Pvt Ltd	63
15	National Ip Awareness Mission (Nipam)	04-May-2022	Shri Vivak Raj Examiner Of P&D ,Indian Patent Office(Ipo),Chennai	110
16	Project Expo	04-June-2022	Mr.K.Kiran Kumar Senior Network Administrator	53

Glimpse of the events organized to the students

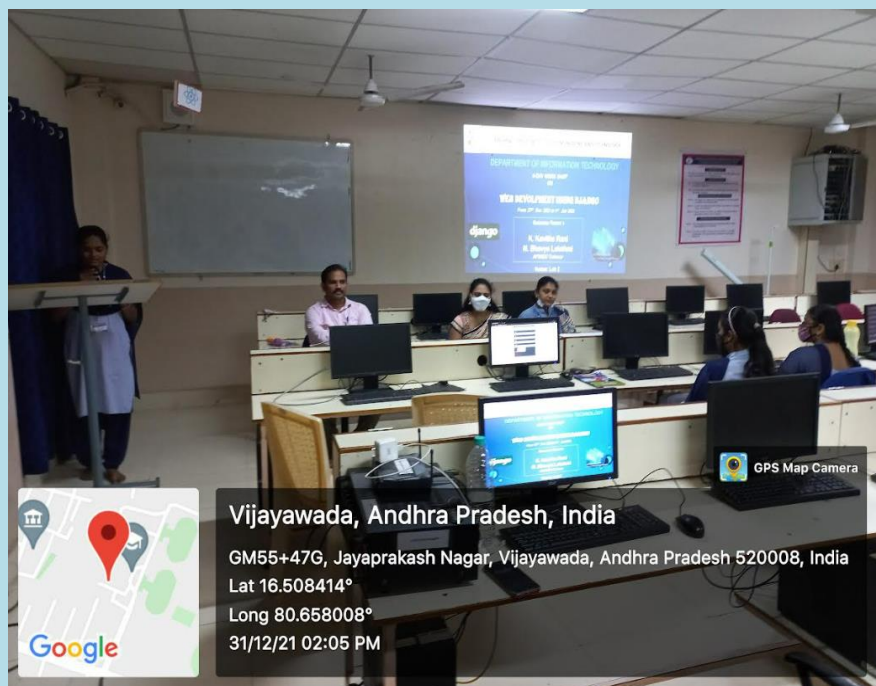
- ❖ A Webinar conducted on Animation and Multimedia conducted on 19/10/2022. A total of 53 students were attended in this webinar.



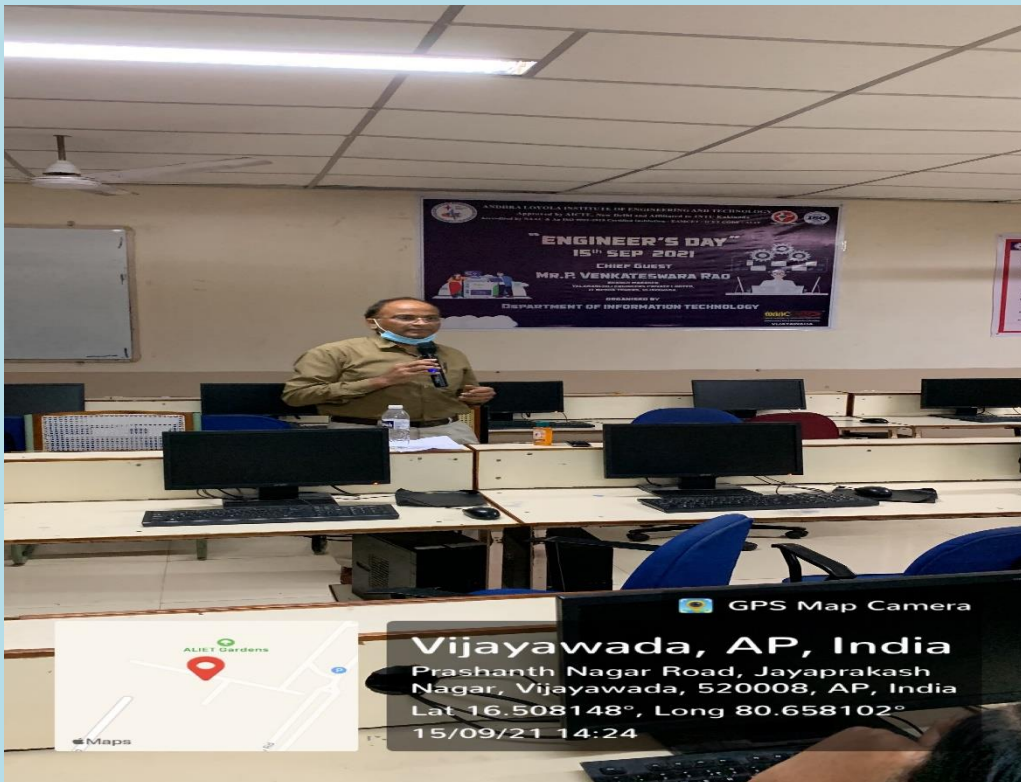
- ❖ A workshop conducted to the students on Artificial Intelligence from 31/12/2021 to 03/01/2022. A total of 63 students were participated in the workshop.



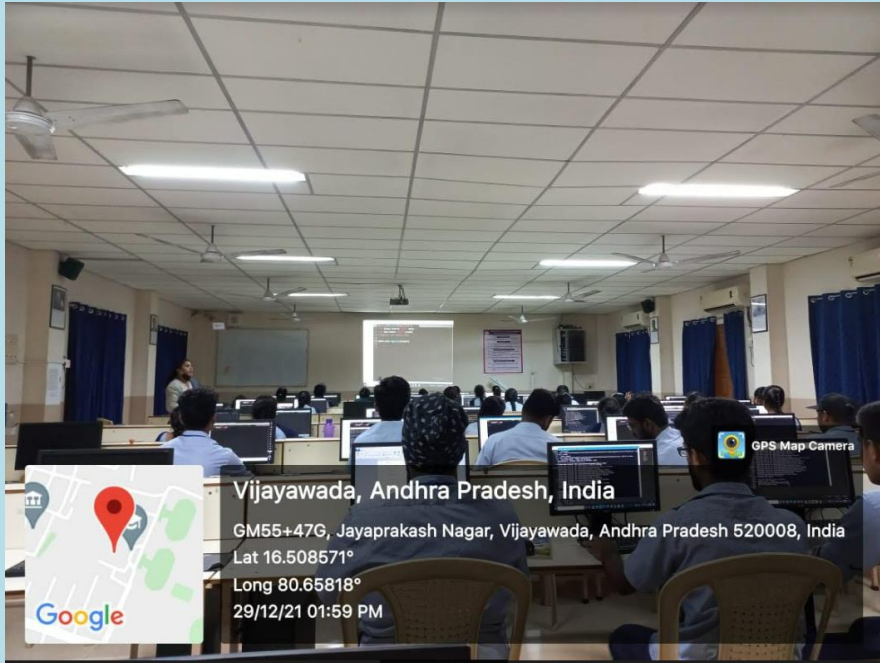
- ❖ A workshop conducted to the students on Python Programming from 27/12/2021 to 31/12/2021. A total of 67 students were participated in the workshop.



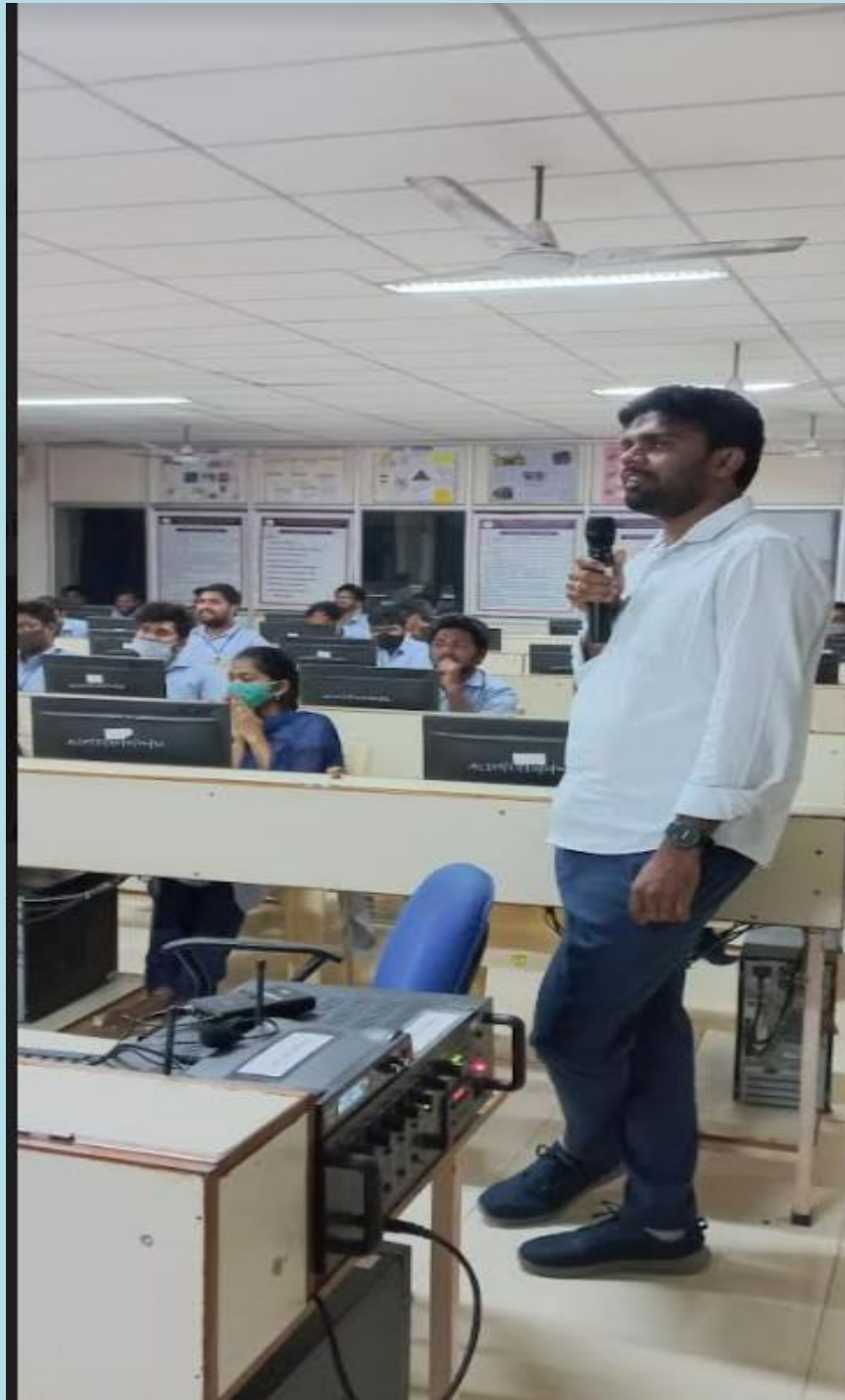
❖ Engineers day celebrations on 15/09/2021



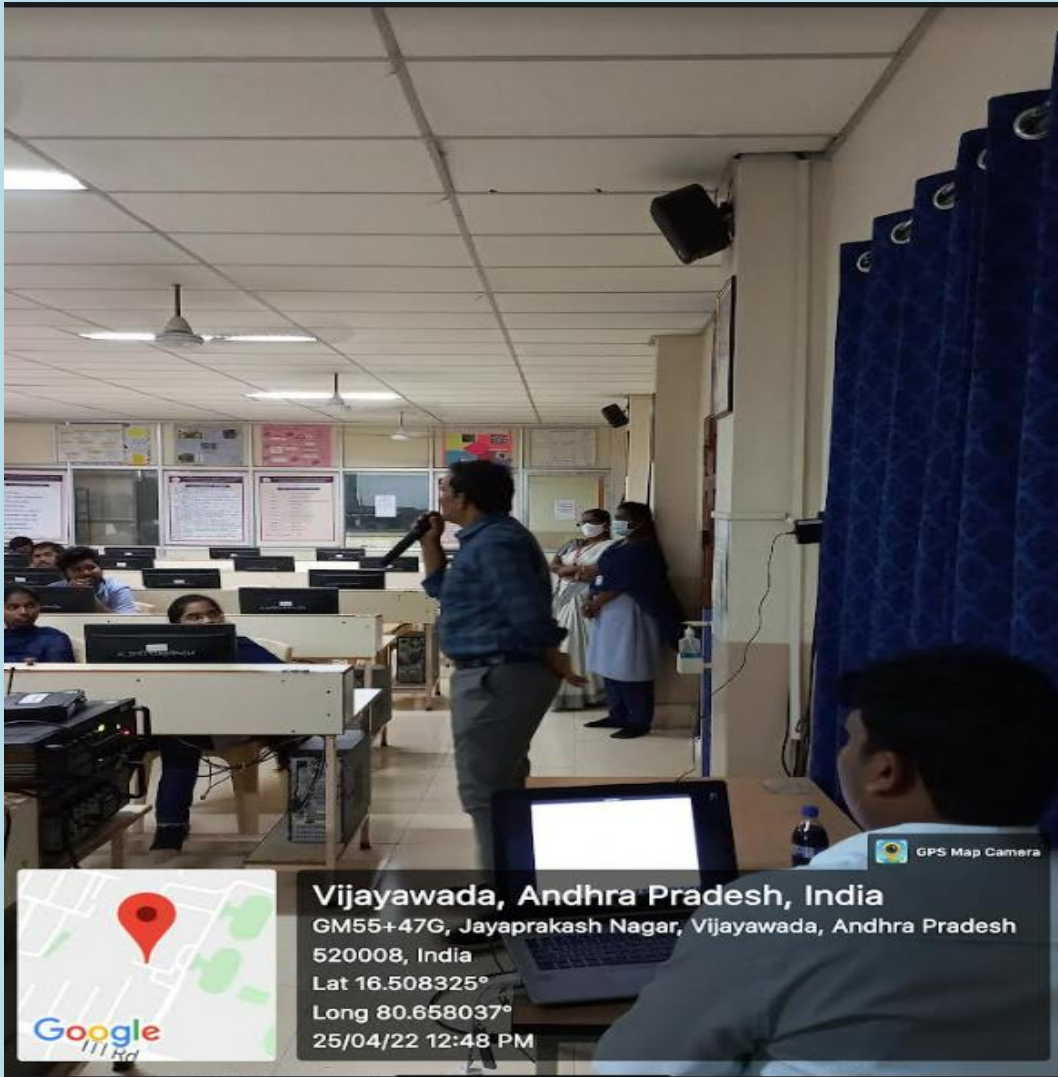
- ❖ A workshop conducted on web development using Django by APSSDC during 27/12/2022 to 31/12/2022. A total of 63 students were attended and benefited.



- ❖ A workshop on Basics of Cyber Security was conducted by APSSDC during the period: 06/12/2021 to 08/12/2021. A total of 53 students were attended and gained the knowledge.



- ❖ A seminar conducted on Microsoft Power BI on 22/04/2022. A total of 53 students were participated in the workshop.



Students Participations in the events

S No	Name	Type	Venue	Duration	Award
1	P Swetha	Global event on Future of Career in Technology	NDLI Club, Ministry of Education, Govt of India	16/12/2021	Participated
2	V Amrutha Sri	Short Story writing	Vijaya institute of technology for women, Vijayawada	13/05/2022	Participated
3	P Dhana sri navya satyasri	e-Quiz on	RISE Krishna Sai Prakasam Group of Institutions, Ongole	16/6/2021	Participated
4	P Dhana sri navya satyasri	Poster Presentation	Maitreyi College, University of Delhi	5/6/2021	Participated
5	P Dhana sri navya satyasri	National slogan on” No to one time Plastic Usage”	Maitreyi College, University of Delhi	5/6/2021	Participated
6	D Akhil	Spot Photography	Dhanekula Institute of Engineering and Technology, Vijayawada	21/05/2022	Participated
7	P Dhana sri navya satyasri	e-Quiz on Programming	Santhiram Engineering College, Ananthapur	19/9/2021	Participated
8	Hima Bindu	Debate	ALIET, Vijayawada	17/05/2022	Participated
9	B Madhusudan Reddy	Debate	ALIET, Vijayawada	17/05/2022	Participated
10	Sk Rehmatunnisa	Debate	ALIET, Vijayawada	17/05/2022	Participated
11	B Netaji	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE’s Innovation cell	04/05/2022	Participated
12	E Roshan Fransis	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE’s Innovation cell	04/05/2022	Participated
13	G Pavan	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE’s Innovation cell	04/05/2022	Participated
14	M Mohan Balajeewar	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE’s Innovation cell	04/05/2022	Participated
15	M Prabhu Kalyan	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE’s Innovation cell	04/05/2022	Participated
16	NAGARJUNA	National Intellectual	Intellectual Property	04/05/2022	Participated

		Property Awareness Mission	Office, MoE's Innovation cell		
17	P Ch Sai Deepak	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
18	Phanidhar	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
19	R Anuhya	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
20	B Geethika Sindhu	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
21	D Jaswitha Reddy	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
22	K Harsha Sri	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
23	K Lakshmi Sujitha	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
24	Mahimanvitha	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
25	N Lakshmi Naga Sai Sowjanya	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
26	P Madhumitha	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
27	P Neelima	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated
28	Pavani Venigalla	National Intellectual Property Awareness Mission	Intellectual Property Office, MoE's Innovation cell	04/05/2022	Participated

Students Winners in Various Competitions

S.No.	Name Of The Student	Event Name	Venue	Date	Award
1	A Neeraja	Cloud computing	NPTEL online certification	Jan-Apr 2022	Top 2%
2	A Neeraja	Java Programming	Oracle Academy	29/04/2000	Final exam completion
3	A Neeraja	AI & ML	Oracle Academy	08/04/2022	Final exam completion
4	B Naga Sai	Blind Tech	Andhra Loyola College, Vijayawada	10/11/2021 11/11/2021	1 st
5	P Dhana Sri Navya Satya Sri	Academic performance	ALIET, Vijayawada	2020-21	1 st
6	P Dhana Sri Navya Satya Sri	e-Quiz	BELL Institute of Hotel Management & Catering Technology, Sivakasi	07/06/2021	Good
7	A Neeraja	DB Foundations	Oracle Academy	26/02/2022	Final exam completion
8	P Dhana Sri Navya Satya Sri	Java Programming	Oracle Academy	16/05/2022	Final exam completion
9	S Bhuvan Sai	Natya Tharangini	ALIET	2020-21	3 rd
10	Ch Nagarjuna	Java Programming	Oracle Academy	12/05/2022	Final exam completion
11	Ch Nagarjuna	DB Programming with SQL Cumulative	Oracle Academy	12/05/2022	Final exam completion

Faculty publications

Sno	Faculty Name	Number Of Publications	Publication Titles
1.	S.Kishore Babu	2	<ul style="list-style-type: none"> • Text Summarization From Scratch Using Encoder Decoder Network With Attention With Deep Learning • Market Bsket Analysis Using Data Mining
2.	Dr.V.Shanmukha Rao	4	<ul style="list-style-type: none"> • Blog Mining Using Search Engine Optimization And Machine Learning • Digital[D]-Assessment • Classification Of Brain Tumours Using Artificial Neural Networks • The Probability Of Microblog Forwarding Using Multi-Message Interaction-Driving Mechanism • learning Techniques in Artificial Intelligence
3	Dr.D.Ratna Kishore	4	<ul style="list-style-type: none"> • Investigation of Covid 19 Symptoms using deep learning based image enhancement scheme for X-ray medical image • Anomaly detection in real time videos using match subspace system and deep belief networks • Multiscale image fusion through laplacian pyramid and deep learning of thermal images • International conference on soft computing and signal processing
4	V. VIDYA SAGAR	2	<ul style="list-style-type: none"> • Student Feedback Prediction Using Sentiment Analysis • CLASS : Cloud Log Assuring Soundness and Secrecy" Scheme for cloud Forensics
5	G.Durvasi	2	<ul style="list-style-type: none"> • Auto-Assistance System For Visually Impaired People Using Deep Learning • Facial Expressions Detection Using Cnn & Rnn Algorithms
6	Md.Imran	2	<ul style="list-style-type: none"> • Early Prediction Of Coronary Heart Disease • Automatic Attendance System Through Face Recognition
7	P.NagaBabu	3	<ul style="list-style-type: none"> • Optimize The Storage Volume Using Data Mining Technique • Early Pest Detection From Crop Using Image Processing And Computational Intelligence • Look Based Media Player
8	L.Kanya Kumari	3	<ul style="list-style-type: none"> • Vehicle Resale Price Prediction using Machine Learning

			<ul style="list-style-type: none"> • Detection of Fake and Clone Accounts in Twitter • A Deep Convolutional Neural Networks for COVID-19 Chest CT-Scan Image Classification
9	M.Sri Lakshmi Vani	3	<ul style="list-style-type: none"> • Accessibility and assistive Technology:A case study of Aarogya setu application • A Deep Discriminative Model for Detecting Recolored Images • Enhancement of Performance Parameters in Wireless Mobile Adhoc Networks Using DSR and Cache-Modified DSR Routing Protocols

Faculty Attended in FDP's

S.No	Faculty Name	Topic Name	Organized by/ Date
1	S.Kishore Babu	React JS	Brain O Vision, 10-07-2021
		OBE	Vardhaman Univerisity, 28-08-2021
		Ms AZURE	JNTUK, 06-05-2022
		AWS and Machine Learning	E & ICT Academy & NIT-Warangal, 04-10-2021 to 13-10-2021
		Multi technologies	Brain o vision, 04-07-2021
2	Dr.V.Shanmukha Rao	Recent Trends in AI	Vijaya Institute of Technology for women,vijayawada Resource person , 22-6-2022
		Microsoft up skilling program in the area Microsoft Azure AI fundamentals	JNTUK university in association with APSICHE and Microsoft , 6th May 2022
		Writing Effective Research Article & Structuring using Mendeley	Research & Development Cell, DVR & Dr. HS MIC College of Technology , 21-04-2022to23-04-2022
		AWS and Machine Learning	ministry of electronics and information technology organised E& ICT. NIT

			Warangal 4th oct 2021 to 13th oct 2021.
		National level one week FDP on Multitechnologies	Brainovision solutions india Pvt Ltd in association with National youth council of india, 28th June 2021 to 3rd July 2021.
3	Dr.D.Ratna Kishore	Two days workshop on research methodology	MSME, 21-22 nov 2021
		One day workshop on NEI	GOVT OF INDIA, 02 DEC 2021
		One day workshop on NIRF FRMA WORK	Mrcet, 12 Aug 2021
4	V. Vidya Sagar	Data Science & Applications	SRKR Engineering College, Bhimavaram, 10-06-2021 to 15-06-2021
		MultiTechnologies	Brain O Vision, 28-06-2021 to 03-07-2021
		AWS and Machine Learning	E & ICT Academy & NIT-Warangal, 04-10-2021 to 13-10-2021
5	G.Durvasi	Cyber Security and Incident Analysis: A Practical and Investigative approach	Andhra University College of Engineering, 23/08/2021 to 27/08/2021
		Machine Learning	Bharati Vidyapeeth College of Engineering for Women, Pune, 08/11/2021 to 12/11/2021
6	Md.Imran	MultiTechnologies	Brain O Vision, 28-06-2021 to 03-07-2021
7	P.NagaBabu	REACT JS	National Youth Council of India and Brainovision Solutions India Pvt. Ltd, 05-07-2021 to 10-07-2021
		Multi Technologies	ALIET, 28/06/21 to 03/07/21

		Semantic Intelligence: The Way Forward with Artificial Intelligence	AICTE-ATAL, 2021-7-1 to 2021-7-5
8	L.Kanya Kumari	Applications of Machine Learning	Shri Vishnu Engineering College for Women, 15-06-2021 to 19-06-2021
		Deep Learning and its Applications	Xavier Institute of Engineering, Mumbai, 05-07-2021 to 10-07-2021
		NPTEL-AICTE FDP on Problem Solving through Programming in C	NPTEL-AICTE, July-October 2021
		AWS and Machine Learning	E & ICT Academy, 04-10-2021 to 13-10-2021
		Artificial Intelligence and Machine Learning for Health care	College of Engineering, Pune, 13-12-2021 to 17-12-2021
		Roadmap to get quality patents	SIMATS School of Engineering, 11-05-2022
9	M.Sri Lakshmi Vani	Artificial intelligence and data analytics	Vijaya Institute of Technology for women, 6/6/2022 to 11/06/2022
		Machine Learning	AICTE Training and Learning (ATAL) Academy, 08/11/2021 to 12/11/2021
		Digital Age: Teaching and Learning English	Government First Grade College, Gauribidanur, 28-06-2021 to 02-07-2021
10	D.Srinivas Rao	MultiTechnologies	Brain O Vision, 28-06-2021 to 03-07-2021
		Writing Effective Research Article & Structuring using Mendeley	Research & Development Cell, DVR & Dr. HS MIC College of Technology , 1-04-2022to23-04-2022

Placements

S NO	REGD NO	NAME	COMPANY NAME
1	18HP1A1204	Bhanu sri B	Turing minds
2	18HP1A1224	Ramya Siddela Sravanthi	Turing minds
3	18HP1A1208	Bala Geethika Sindhu	Turing minds
4	18HP1A1214	Lakshmi Prasanna Vittham	Turing minds
5	18HP1A1207	Divija Gunisetty	CIGNITI Technologies
6	18HP1A1256	J Vamshi Krishna	Capgemini
7	18HP1A1250	N Rohit Sai	Capgemini
8	18HP1A1256	J Vamshi Krishna	Infosys

9	18HP1A1203	R Anuhya	Wipro
10	18HP1A1210	G Jahnavi	SPEKTRA Systems
11	18HP1A1205	S Bhavitha	TCS
12	18HP1A1205	S Bhavitha	SPEKTRA Systems
13	18HP1A1254	P Sai Bharath	Infosys
14	18HP1A1210	R Anuhya	TCS
15	18HP1A1247	Ch Nagarjuna	Wipro
16	18HP5A1202	B Netaji	Wipro
17	18HP5A1202	B Netaji	TCS
18	18HP1A1249	M Prabhu Kalyan	Mindtree
19	18HP1A1250	N Rohit Sai	TCS
20	18HP1A1250	N Rohit Sai	Wipro
21	18HP1A1250	N Rohit Sai	Hexaware
22	18HP1A1212	M Keerthi	Wipro
23	18HP1A1213	N Lakshmi Naga Sai	Wipro
24	18HP1A1218	Meghana V	Wipro
25	18HP1A1223	E Pooja Sri	Wipro
26	18HP1A1212	V Pavani	Wipro
27	18HP1A1256	J Vamshi Krishna	Hexaware
28	18HP1A1256	J Vamshi Krishna	Mindtree
29	18HP1A1202	K Anila	Wipro

DEPARTMENT OF IT CONGRATULATES ALL THE PLACED STUDENTS