


SRI SAI RAM ENGINEERING COLLEGE,CHENNAI-44

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name & Photo :	M. MEENA 
Designation:	Associate Professor
Qualification :	ME., Doing Ph.D (Anna University)
Area of specialization :	Network Security, Augmented Reality and Virtual Reality, AI
Experience :	Teaching: 14.4 YRS
	Industry : Nil
No. of workshop / Conferences / FDP attended	30
Publication :	Journal National:01 International :01
Conference :	International :09
Membership in Professional bodies:	One Year IEEE Membership

<p>Responsibilities :</p>	<ul style="list-style-type: none"> ● Acted as class coordinator 2024-2028 batch students ● Acted as IDL Coordinator ● Acted as a technical team in IEEE conference which is conducted by our department ● Acting as a ISO and NBA Consultancy and Funded Projects and Alumni file Incharge. ● Completed NITTTR 8 modules ● Ranger leader for our department ● Attended 2 Jumboree event in Tamilnadu and Chatishgarh ● Volunteer in organizing events ● Acting as a Course Moderator
<p>Achievements:</p>	<ul style="list-style-type: none"> ● Published Papers in reputed International Journals ● Presented a Papers in various National and International Conferences ● Organize event in Alumni Talk ● Producing 90 to 100% results ● Achievement as a Certified Entrepreneurship Educator in Wadhvani Foundation. ● Achieved as aCourse Coordinator in GUVI Geek Network(An HCL Group Company) ● Certificate of Appreciation for Sairam SDG Solvathon 4.0

Professional Experience:

Sl. No	College / Organization	Designation	Period	
			From	To
1.	Rajiv Gandhi College of Engineering	Lecturer	23.07.2008	18.12.2011
2.	Aalim Muhammed salegh College of Engineering	Assistant Professor	19.12.2011	31.01.2013
3.	Lokmanya Tilak College of Engineering	Assistant Professor	16.07.2013	16.06.2016
4.	MGM college of Engineering and Technology	Assistant Professor	04.01.2017	31.12.2020
5.	Dhaanish Ahmed college of Engineering	Assistant Professor	19.07.2021	24.06.2022
6.	Sri Sai Ram Engineering College	Assistant Professor	01-07-2022	31.07.2025
7	Sri Sai Ram Engineering College	Associate Professor	01.08.2025	Till Date

Patent Details:

1. Patent Grant on “**Cloud Based Water Usage Monitoring And Control Device**”,Patent Number : **469904-001 Filing Date-16/08/2025(3rd Author)**
2. Filed and Published Indian Patent on “**Deep Learning-Powered Intelligent Video Analytics System for Real-Time Surveillance and Threat Detection in Public Spaces**” (Application No.202441098831) on **20.12.2024.(7th Author)**
3. Filed and Published Indian Patent on “ **An Evolution over Internet of Things(IoT) Enabled Real Time weather Forecasting System using Arduino**” (Application No.202341015241A) on **17.03.2023.(3rd Author)**

PANEL MEMBER:

1. Acted as Panel Member for Hack Riot, Sri Sairam Engineering College on 24.04.2023 and 25.04.2023 by Code Club
2. Acted as a Jury Member for Field 2 Future, Organized by the Technoculture Club, Sri Sairam Engineering College on 06.02.2026

COORDINATOR:

1. Acted as a Staff Coordinator for “HACK-CCELERATE” conducted by Google Development Club on 28.03.2023 and 29.03.2023

Publications: National/ International Journals

1. Paper published in CiiT International Journal of Networking and Communication Engineering, Vol 6, No7, August 2014. **“Title: Implementation of TCP/IP using pSOS”**
2. M. Meena; Shyamala Varshini K; Monisha G **"Plant Diseases Detection Using Deep Learning"** Published in: 2022 1st International Conference on Computational Science and Technology (ICCST) Date of Conference: 09-10 November 2022 Date Added to IEEE *Xplore*: 14 February 2023
3. M Meena; V Sriabirami; Sri A R Divyaa **"Analysis and Prediction of Crime Using Machine Learning"** Published in: 2022 1st International Conference on Computational Science and Technology (ICCST) Date of Conference: 09-10 November 2022 Date Added to IEEE *Xplore*: 14 February 2023
4. Meena M; Prathyek. P; Shyam Sengol Augusttus A; Dineshkumar S; Rahul. R **"Signitic Translator: The Automated Sign Language Recognition"** Published in: 2022 1st International Conference on Computational Science and Technology (ICCST) Date of Conference: 09-10 November 2022 Date Added to IEEE *Xplore*: 14 February 2023
5. D Sathish Kumar, Ashwin Rajendra Kandiyam, Abishek Kumar, N Gopinath, M Meena . **"Hybridization of ML & DL for Detecting Depression"** 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) 8 August 2024
6. M Meena, M Boovin, S Samuel Karunakara Doss, K Ganesh, AV Sanjai. **"Distributed Machine Learning Based Intrusion Detection in IoT"** 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) 8 August 2024
7. D Sathish Kumar, P Tejaswini, S Abirame, N Gopinath, M Meena, S Gurusubramani. **"Analyze and Highlight the Abnormal Activities While Recording in CCTV "** 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) 8 August 2024
8. R Rohith, N Anbarasi, M Meena, S Vijayalakshmi **"Exploring an overview of machine learning techniques for identifying diabetes: A review"** 2025 International Conference on Artificial Intelligence and Data Engineering (AIDE) 6 February 2025.
9. U Hariharan, Devikanniga Devarajan, P Santhosh Kumar, K Rajkumar, M Meena, T Akilan **"Recognition of American sign language using modified deep residual CNN with modified canny edge segmentation"** Multimedia Tools and Applications 22 February 2025
10. R Rohith, M Joshua Dayalan, M Meena, P Varalakshmi **" Exploring Deep Learning Techniques for MRI Brain Tumor Image Segmentation: A Survey"** 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI).
11. M Meena, Sharika M, Padmaja S **"BILLBOT- A Solution for Billing Systems"** 2025 Journal of Research and Review in Quantum Computing, HBRP Publication, Volume 1 Issue 2.

FDP, WORKSHOP, SEMINARS			
S.NO	Name of the Program	Organized by	Date
	FDP		
1	Participated in Object oriented Analysis and Design using VML with Essential of Rotational Software Architect	IBM Software Education	08.05.2012 to 11.05.2012
2	Participated in Faculty development program on XML & WEB SERVICES	Jerusalem College of Engineering, Chennai.	25.11.2010 to 26.11.2010
3	Participated in Faculty development program "EFFECTIVE PEDOGOGIES IN TEACHING AND LEARNING"	Dhaanish Ahmed College of Engineering	23.02.2022 to 25.02.2022
4	Insights and open challenges in computing technologies	Sri sairam Engineering College	11.07.2022 to 15.07.2022
5	Participated Faculty Development Program On "Amazon Web Services"	SRI KRISHNA COLLEGE OF ENGINEERING & TECHNOLOGY	22.08.2022 to 27.08.2022
6	Participated Faculty Development Program On "Research Advancements in Intelligent Computing Technologies"	SRI KRISHNA COLLEGE OF ENGINEERING & TECHNOLOGY	19.12.2022 to 23.12.2022
7	FDP on "NO CODE AND LOW CODE MACHINE LEARNING TECHNIQUES"	Sri sairam Engineering College	19.12.2022 to 23.12.2022
8	participated in Six Days Faculty Development Program on Communication and Computation	Dr.M.G.R Educational and Research Institute	13.12.2022 to 19.12.2022
9	5-day online UHV-I FDP	All India Council for Technical Education (AICTE)	19.09.2022 to 23.09.22

10	6-day Online UHV-II FDP	All India Council for Technical Education (AICTE)	13.02.2023 to 18.02.2023
11	Augmented reality and Virtual reality- Applications and reaserch opportunities	Sri sairam Engineering College	12.07.2023 to 14.07.2023
12	On CHATGPT and AI tools	ASET	27.11.2023 to 01.12.2023
13	Modern Reaserch Convergence in next generation computing	Sri Krishna College of Engineering and Technology	18.12.2023 to 21.12.2023
14	Pre-conference Tutorials	MIT campus	17.08.2024 to 19.08.2024
15	ICT for Teaching and Learning	NITTTR	10.06.2024 to 14.06.2024
16	Emerging Trends in AI:Innovations and Applications	Sri sairam Engineering College	16.12.2024 to 21.12.2024
17	Bootcamp on Learning Experience Design	Sri sairam Engineering College	20.06.2024 to 21.06.2024
18	Participated in Faculty Development Program on Generative AI and Agentic AI	ICFAI Hyderabad, Telangana.	10.11.2025 to 14.11.25
19	Participated in National level one-week FDP on “Art of Journal Paper Writing: From Research to SCI / Scopus Publication”	D. Y. Patil College of Engineering and Technology, Kolhapur, Maharashtra	01.12.2025 to 06.12.2025
20	Participated “FACULTY DEVELOPMENT PROGRAM ON OFFENSIVE SECURITY”	Sri sairam Engineering College	30.06.2025 to 05.07.2025
21	Computer Netwroks and Internet Protocol	NPTEL	Jan-Apr-2023
22	Deep Learning	NPTEL	Jan-Apr-2025
23	Introduction to Internet of Things	NPTEL	Jul-Oct-2023
24	Introduction to Machine Learning	NPTEL	Jul-Oct-2025
STTP			

25	Participated in the short term training program on ROBOTICS AND ROBOT APPLICATIONS	IIT Madras Department of Engineering Design	21.06.2010 to 26.06.2010
26	Short Term Training Programme through ICT Mode on Machine Learning with Python	NITTTR-KOLKATA, ICT	21.02.2022 to 26.02.2022
WEBINAR /WORKSHOP/PRE-CONFERENCE			
27	Participated National level Webinar on" CYBER SECURITY AWARENESS	S.S.C College of Arts and Commerce	23.09.22
28	Participated two days workshop on "VIRTUAL REALITY DEVELOPMENT WITH UNITY 3D	Anna University CEG Campus	05.01.2024 to 06.01.2024
29	Participated Pre-Conference Tutorials on "Unfold the future with Unreal Engine" of 12th IEEE International Conference on Advanced Computing	Anna University, MIT Campus	17.08.2023 to 19.08.2023
30	Paper Presented in IEEE Technically Sponsored First International Conference on Computational Science & Technology(ICCST 2022)	Sri Sairam Engineering College	09.11.2022 to 10.11.2022

COURSES COMPLETED:

S.No	Name of the Course	Certified by	Date
1	Apple Teacher	Apple	Nov 2025
2	Social Emotional Education: knowledge to Practice (SEEK)	UNESCO MGIEP	Nov 2025
3	Panchayat Administration and Rural Development Schemes	State Institute of Rural Development and Panchayat Raj(SIRD)	Sep 2025
4	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTT, All India Council for Technical Education (AICTE)	Feb 2024
5	Module 2: Professional Ethics and Sustainability	NITTT, All India Council for Technical Education (AICTE)	Feb 2024

6	Module 3: Communication Skills, Modes and Knowledge Dissemination	NITTT, All India Council for Technical Education (AICTE)	Feb 2024
7	Module 4: Instructional Planning and Delivery	NITTT, All India Council for Technical Education (AICTE)	Feb 2024
8	Module 5: Technology for Technical Teachers Training	NITTT, All India Council for Technical Education (AICTE)	Feb 2024
9	Module 6: Student Assessment and Evaluation	NITTT, All India Council for Technical Education (AICTE)	Feb 2024
10	Module 7: Creative Problem Solving, Innovation and Meaningful R&D	NITTT, All India Council for Technical Education (AICTE)	Feb 2024
11	Module 8: Institutional Management and Administrative Procedures	NITTT, All India Council for Technical Education (AICTE)	Feb 2024
12	Computer Networks and Internet Protocol	NPTEL	Jan-Apr-2023
13	Deep Learning	NPTEL	Jan-Apr-2025
14	Introduction to Internet of Things	NPTEL	Jul-Oct-2023
15	Introduction to Machine Learning	NPTEL	Jul-Oct-2025
16	Cloud Computing	NPTEL	Jul-Oct-2024
17	Compiler Design	NPTEL	Jan-Apr-2024
18	Operating System Fundamentals	NPTEL	Jul-Oct-2024
19	NPTEL DISCIPLINE STAR	NPTEL	Jan-Apr-2025

OTHER EVENTS:

S.No	Name of the Course	Certified by	Date
1	BASIC RANGER LEADER COURSE	BHARAT SCOUTS AND GUIDES	26.07.2024 to 01.08.2024
2	JUMBOREE - GLOBAL DEVELOPMENT VILLAGE	Govt. of Tamil Nadu	28.01.25 to 04.02.2025
3	LEADER TRAINER at JUMBOREE	Govt of Chatisgharh	09.01.2026 to 13.01.2026

