Sri Sai Ram Engineering College

Department of Computer Science and Engineering

Name & Photo:	A. SHALI
Designation:	Assistnat Professor
Qualification:	M.E,(PhD)
Area of Specialization:	Machine Learning, IOT
Year of Experience: :	Teaching : 14 yrs UG 3 years PG 11 years Industry: Nil
Publications:	Journal International : 5 National : - Conference International : 4 National: 1
Membership in Professional Bodies	● IEEE Membership ● Member, International Association of Engineers member, IAENG ● ISTE Membership ● Research and Publication (IFERP)
Responsibilities	● ISTE Department Level Coordinator ● Acted as Symposium Coordinator ● Acted as Class Coordinator ● Department Library Coordinator ● Acted as Project & Mini-project Coordinator ● Department Internship Coordinator
Achievements	● Certified Big Data and Data Analytics Trainer from ICTACT ● Certified in NPTEL course(Big Data, Cloud Computing,IoT, Programming in C) ● Published paper in reputed International and National Journals. ● Presented papers in various National and International Conferences.

Professional Experience:

Sl. No	College / Organization	Designation	Period	
			From	**To**
1	Mohamed Sathak Engineering College, Kilakarai	Lecturer	01.07.2006	25.11.2009
2	Sri Sai Ram Engineering College, Chennai	Assistant Professor	11.06.2012	Till Date

PATENT DETAILS:

1. Filed and Published Indian patent on the innovation titled "**IOT BASED SMART E-METER**" (Application No.202141018332 A) on 07/05/2021
2. Filed and Published Indian patent on the innovation titled "**ARTIFICIAL INTELLIGENCE BASED SMART ROAD CLEANING ROBOT**" (Application No.202241057430 A) on 14/10/2022

APPRECIATION CERTIFICATE:

1. Acted as Reviewer in IEEE Technically sponsored First International Conference Computational Science and Technology ICCST 2022 on Nov 9th and 10th 2022 organized by CSE Dept, Sri Sai Ram Engineering College.
2. Given Guest Lecture on "Data Structure & Algorithm" at Meenakshi Sundarajan Engineering College on 05.11.2022

JOURNAL PUBLICATIONS

1. Published paper titled "Smart System for Efficient Monitoring of Food Grains" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1S, October 2019 DOI:10.35940/ijeat.A1020.1091S19
2. Published paper titled "A Smart Driver Assistance System for Accident Forestalling "International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1S, October 2019 DOI:10.35940/ijeat.A1022.1091S19
3. Published paper titled "Biometric Based Vehicle Protection System Using an Internet Of Things"(IJET) ISBN No. 978-81-923607-3-7
4. Published an article in Journal of Physics Conference Series "Agricultural Farming Survey Using Iot" doi:10.1088/1742-6596/1724/1/012047

5. Published an article in Journal of Physics Conference Series "Safety Monitoring System in Mining Environment Using Iot" DOI: 10.1088/1742-6596/1724/1/012022

6. Published an article in Journal of Physics Conference Series "Any Where Vote: ATM as Evm   " doi:10.1088/1742-6596/1724/1/012021

CONFERENCE PUBLICATION

- Published paper titled "Biometric Based Vehicle Protection System using an IOT", International Conference on Contemporary Engineering and Technology Organized by Organization of Science and Innovative Engineering & Technology in association with Prince Shri Venkateshwara Padmavathy Engineering College, Prince Dr K.Vasudevan college of engineering, Chennai on 10th & 11th March 2018.

- Published paper titled "Human Detection To Prevent Theft Using Capacitive Sensors" National Conference on Smart Innovations in Communications and Computing (NCSICC'18) – Organized by Dept of CSE, Sri Sai Ram Engineering College, Chennai on 27th March 2018.

- Published paper titled "An Intelligent Vehicle Security System Using An IOT and Biometric", National Conference on Smart Innovations in Communications and Computing (NCSICC'18) – Organized by Dept of CSE, Sri Sai Ram Engineering College, Chennai on 27th March 2018.

- Published paper titled " Wearable Monitoring Device with Privacy Preserving for Mental and Physical Well-being based on IOT", National Conference on Smart Innovations in Communications and Computing (NCSICC 2021) – Organized by Dept of CSE, Sri Sai Ram Engineering College, Chennai on 24th March 2021.

- Published paper titled " Food safety ensuring mechanism based on blockchain technology", National Conference on Smart Innovations in Communications and Computing (NCSICC 2021) – Organized by Dept of CSE, Sri Sai Ram Engineering College, Chennai on 24th March 2021.

- Presented a paper titled "Comparison study on scheduling algortihms in Operating Systems" National Conference on Emerging Trends: A Road to DIET conducted by Karnavati University, Gujarat on 7.4.23 & 8.4.23

- Presented a paper titled " Application of Deep Learning concept in Dermoscopic images for Hair Segmentation and removal" in the 10 th International Conference on Contemporary Engineering and Technology 2022 (ICCET), published in International Journal of Science and Innovative Engineering & Technology

FDP, WORKSHOP, SEMINARS

Name of the Programme	Organized by	Date
FDP on "NO CODE AND LOW CODE MACHINE LEARNING TECHNIQUES"	Sri Sai Ram Engineering College	19-12-2022 -23-12-2022
FDP on Data Science Tools by Department of Artificial Intelligence and Data Science	Easwari Engineering College	07.10.2022 to 20.10.2022
6 DAYS FDP ON "FUNDAMENTALS OF DATA SCIENCE"	MEENAKSHI SUNDARAJAN ENGINEERING COLLEGE	27.06.2022 - 02.07.2022
4 Weeks Women Entrepreneurship Development Program (WEDP)	IITM HTIC MedTech Incubator	01.3.2021 - 27.3.2021
AICTE- STTP on Deep Learning applications and challenges in big data analytics	Velalar College of Engineering and Technology	17.08.2020-22.08.2020
ATAL FDP on Internet of Things (IoT)	Government Engineering College Rajkot	2.11.2020 – 6.11.2020
ATAL FDP on Augmented Reality (AR)/Virtual Reality (VR)	Gandhi Institute Of Technology And Management Gitam Off Campus Bengaluru	23.11.2020 -27.11.2020
ATAL FDP on Data Sciences	Erode Sengunthar Engineering College (Autonomous).	07.09.2020-11.09.2020
FDP on Data Science	Rajalakshmi Institute of Technology	24.08.2020-28.08.2020
FDP on Machine Learning and Cloud Infrastructure	Jeppiar Engineering College	06.07.2020-10.07.2020
FDP on Redefining The Role of Teachers	Sri Kanyaka Parameswari arts and science college for women	13.12.2020
FDP on NextGen TechStack	Dept of CSE(SSEC)	08/04/2019 -12/04/2019
FDP on Big Data Computing	NPTEL-AICTE	FEB-APR-2019
FDP on Introduction to R Programming	Conducted by ICT ACADEMY at	18.01.2018

FDP on Data Science and Big Data	Conducted by ICT ACADEMY at	11/09/2017
Tech Workshop on Redhat (open source) Technology and industry Adaptation	Sri Sairam engineering college associated with Advantage pro, Redhat Linux	5/12/2017
FDP on Grid and Cloud Computing	Sri Sai Ram Engineering college	08/08/2016-09/08/2016
Workshop on Mobile Application Development	Sri Sai Ram Engineering College Dept of CSE	17/2/2016 –20/2/2016
Workshop on Network Simulator NS2	Dept of CSE,Sri Sai Ram Engineering College	9/07/2013 –13/07/2013
FDP on Open Source Lab	S.K.R.Engg.College	13.8.12 & 14.8.12