


Sri Sai Ram Engineering College

Department of Computer Science and Engineering

Name & Photo:	<p style="text-align: center;">Dr.A. SHALI</p> 
Designation:	Assistnat Professor
Qualification:	M.E,Ph.D
Area of Specialization:	Machine Learning, IOT
Year of Experience: :	Teaching : 14 yrs UG 3 years PG 11 years Industry: Nil
Publications: Membership in Professional Bodies	<p style="text-align: center;">Journal International : 5 National : - Conference International : 4 National: 1</p> <ul style="list-style-type: none"> ● IEEE Membership ● Member, International Association of Engineers member, IAENG ● ISTE Membership ● Research and Publication (IFERP)
Responsibilities	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Certified Big Data and Data Analytics Trainer from ICTACT <ul style="list-style-type: none"> ● 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 algorithms 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
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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 27.06.2022 - ENGINEERING COLLEGE 02.07.2022
4 Weeks Women Entrepreneurship Development Program (WEDP) AICTE- STTP on Deep Learning applications and challenges in big data analytics	IITM HTIC MedTech Incubator 01.3.2021 - 27.3.2021 Velalar College of Engineering and Technology 17.08.2020-22.08.2020
ATAL FDP on Internet of Things (IoT) ATAL FDP on Augmented Reality(AR)/Virtual Reality (VR)	Government Engineering College Rajkot 2.11.2020 – 6.11.2020 Gandhi Institute Of Technology 23.11.2020 -27.11.2020 And Management Gitam Off Campus Bengaluru
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
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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 5/12/2017 associated with Advantage pro, Redhat Linux
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 17/2/2016 –20/2/2016 College Dept of CSE
Workshop on Network Simulator NS2	Dept of CSE,Sri Sai 9/07/2013 –13/07/2013 Ram Engineering College
FDP on Open Source Lab	S.K.R.Engg.College 13.8.12 & 14.8.12