STAFF BIO-FORM

Name of the Institution:SRI SAI RAM ENGINERING COLLEGE

Name of the Department: M.TECH-Computer Science and Engineering   **Staff ID: SECT25CJ04**

1	Name (in Block Letter)with initials at the end	:	Mrs.SARANYA.V	
2	Address for Communication	:	Plot No 1-B,Block A/B,F1-SAI LANDMARK,MURUGESAN STREET,IRUMPULIYUR,OLD GST ROAD,EAST TAMBARAM,CHENNAI-600059	
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4	MobileNumber (valid and functional)	:	9629019412	
5	Nationality	:	Indian	
6	Community	:	BC	
7	Gender	:	Female	
8	Date of Birth	:	25/3/1988	
8a	Designation	:	Assistant Professor	
9	Qualification	:	B.E(CSE),M.Tech(CSE),PhD(Pursuing)	
9a	Educational Qualification(s) :			

Qualifications	Specialization	Board/University / Institution	Yearof Passing	Percentage
*UG	B.E(CSE)	Anna University – Idhaya Engineering college for women,Villupuram	2009	71(FirstClass)

	*PG	M.Tech-CSE	PRIST UNIVERSITY,Thanjavur	2012	8.6 CGPA (FirstClass with Distinction)
	*PhD(Pursuing)	Deep Learning	Anna University	Reg-Jan 2022	

9b	Area of Specialization	Deep Learning				

10	Experience in other Institutions/Industry:						

Name of the Organization	Designation	Period		Nature of work	Experience	
		From	**To**		**Years**	**Month**
KCGCOLLEGE OF TECHNOLOGY	Asst.Profe ssor	10.08.2022	30.5.2025	Teaching	2	9
MOHAMED SATHAK AJ COLLEGE OF ENGINEERING	Asst.Professor	18/03/2021	26/7/2022	Teaching	1	4
SMK FOMRA INSTITUTEOF TECHNOLOGY	Asst.Professor	25/06/2012	23/05/2016	Teaching	3	11
MEENAKSHI RAMASWAMY ENGINEERING COLLEGE	Asst.Professor	7/09/2009	6/09/2010	Teaching	1	
Total Experience					**9**	**4**

11	National/International-Conference(s)/Journals:

- "Effective Deep Learning Based Fire Detection Using Hybrid Model "in the 2nd International Conference on Integration of Advanced Technologies For Industry 4.0 On 23 June at Kcg college of Technology.
- "Efficient Robust Group Key Agreement Protocol" in a national conference on Networks, Information, Knowledge, Computing and Ontology at AVC College of Engineering on 16 March 2012.
- "Distributed Hospital System Using WPAN" in a national conference on advanced Intelligent computing and application at Meenakshi Ramaswamy Engineering College.
- "Towards safer environment: CNN-LSTM Framework for accurate fire detection "in a IEEE international conference on smart Technologies for sustainable Development Goals organized by S.A Engineering college on Nov 6 th 2024.
- "Efficient Route Prediction using ML Algorithm "In the international conference on computing and data science at Rajalakshmi Engineering College on 26 th April 2024.

Journals

- "Artificial Intelligence and Machine Learning" is a book published in 2023 by Good Writers Publications. The ISBN Number is ASIN: BOBICGSUB7.

- "Efficient Route Prediction Using ML Algorithm" was presented at the 2024 International Conference on Computing and Data Science (ICCDS) in Chennai, India. It was published in IEEE in 2024, on pages 1-6. The DOI for this publication is 10.1109/ICCDS60734.2024.10560450.

- "Artificial Intelligence-Driven Prediction of Health Issues in Infants - A Review" was published in *ECTI-CIT Transactions*, vol. 18, no. 4, pages 602–613, in October 2024. The DOI is https://doi.org/10.37936/ecti-cit.2024184.255767.

- "Machine Learning-Driven Multispectral Fusion for Enhanced Object Detection in Remote Sensing Images" has been published as a patent with the application number 202341074580.

- "Application of Education" is a book chapter published in 2024, authored by Taylors Francis, in volume 43.

12	**Achievements/FDP/Workshop/Webinar Attended:**
	- Attended Faculty development program on "Effective teaching and learning "program in Anna University,GUINDY. - Attended Faculty development program on "Advanced Techniques in Computing Sciences and Applications" organised by Department of Computer Science and Applications SAVEETHA UNIVERSITY from 19.11.2022 to 23.11.2022. - Attended International webinar series on emerging trends on computer science and Technology at SRM UNIVESITY From 20.02.2023 to 24.02.2023 - Attended Faculty Development program on "Ethics in Teaching Learning Process" in SMK FOMRA Institute of Technology, Chennai. - Attended one week Faculty Development Program on Microsoft Azure AI Engineer Associate conducted by ICT Academy. - Attended one week Faculty Development Program on Cloud Practitioner(AWS) conducted by ICT Academy. - Attended Faculty Development program on "Recent Trends In Industrial Automation" in SMK FOMRA Institute of Technology, Chennai. - Attended One week FDP on "Artificial Intelligence and Neural Networks" conducted by MOHAMED SATHAK AJ COLLEGE OF ENGINEERING, Chennai. - Attended Online Elementary FDP on "Semantic Intelligence conducted by AICTE Training And Learning (ATAL) Academy. - Attended short-time training Program On "Applied Data Science and Machine Learning "Conducted by St.Joseph's college of engineering, Chennai.