STAFF BIO-FORM

Name of the Institution : SRI SAIRAM ENGINERING COLLEGE

Name of the Department: M.TECH-CSE   **Staff ID: SECT24CJ03**

1	Name (in Block Letter) with initials at the end	:	Mrs. G.Saratha Devi	
2	Address for Communication	:	NO. 404,K2,T12,Shriram Sankari Apartments, Thangappapuram, Guduvachery, CHENNAI – 202.	
3	E-mail id (valid and functional)	:	sarathadevi.cj@sairam.edu.in	
4	Mobile Number (valid and functional)	:	9629105564	
5	Nationality	:	Indian	
6	Community	:	BC	
7	Gender	:	Female	
8	Date of Birth	:	01/05/1988	
8a	Designation	:	Assistant Professor	
9	Qualification	:	B.E.(IT),M.E.(CSE).,PhD(pursuing)	
9a	Educational Qualification(s) :			

Qualifications	Specialization	Board / University / Institution	Year of Passing	Percentage
SSLC	MATRIC	TMHNU.Matriculation Higher Secondary School, Theni.	2004	88

HSLC	**Bio-Maths**	**TMHNU.Matriculation Higher Secondary School, Theni.**	**2006**	**81**	
***UG**	**B.E. IT**	**Avinashilingam University- Coimbatore**	**2010**	**70**	
***PG**	**M.E. CSE**	**Karpagam University,Coimbatore**	**2012**	**9 (CGPA)**	

9b	**Area of Specialization**	**Data Science, Wireless networks with deep learning**

10	**Experience in other Institutions / Industry :**

Name of the Organization	**Designation**	**Period**		**Nature of work**	**Experience**	
		From	**To**		**Years**	**Month**
Karpagam College of Engineering, Coimbatore	**Assistant Professor**	**04.6.2012**	**19.7.2019**	**Teaching**	**8**	**1**
Annapoorna Engineering College, Salem	**Assistant Professor**	**02.12.2019**	**21.1.2021**	**Teaching**	**1**	**1**
Total Experience					**9**	**2**

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

- Published a paper entitled "**An Efficient Architecture of Internet of Things for Data Interoperability in Perspective to User Services**" in International Journal of **Bioscience Biotechnology Research Communications** SPECIAL ISSUE VOL 12 NUMBER-2 MARCH (2019)
- Published a paper entitled "**Encrypting Text Messages Using DNA Cryptographic Model**" in International Journal of **Bioscience Biotechnology Research Communications** SPECIAL ISSUE VOL 12 NUMBER-2 MARCH (2019)
- Published a paper entitled "**WIRELESS SENSOR NETWORK APPLICATIONS:A STUDY**" in International Journal of Pure and AppliedMathematics 118 (11), 385-389(2018)
- Published a paper entitled **"An enhanced voice based chatbot using artificial intelligence**" in International Journal of Engineering & Technology 7 (Special issue 3), 118-120(2018)
- Published a paper entitled "**A SURVEY ON INFORMATION CENTRIC NETWORKS FOR COMMUNICATION IN INTERNET OF THINGS**" in International Journal of Pure and Applied Mathematics 118 (11), 379-384(2018)
- Published a paper entitled **"E-Shopping Community Structure Analysis Using Data Clustering**" in the International Journal of Engineering and Computer science(March 2017)
- Published a paper entitled" **Robust based Resource provisioning**" in theInternational Journal

of Engineering and Computer science (March 2017)

- Published a paper entitled" **E Shopping Community structure analysis using Data clustering**" in the International Journal of Engineering and Computer science (February 2017)
- Published a paper entitled" **Parsing –based Machine Translation using an OpenSource Toolkit: Joshua for Tamil Language**" in the International Journal of Innovative Research in Technology (2015)
- Published a paper entitled" **Enabling Workload Allocation for Macro Cells and RRH in H-CRAN"** in the International Journal of Innovative Research in Science, Engineering and Technology (2015)
- Published a paper entitled "**Enabling Enhanced Relay Station Grouping In Iee802.16j For Handoff Minimization**" in the International Journal of Engineering Research & Technology (November 2013)
- Published a paper entitled "**Color Constancy using Standard Deviation of ColorChannels**" in the International Journal of Engineering Research & Technology (November 2013)
- Published a paper entitled "**Enhanced Throughput using BWDN for WirelessSensor Networks**" in the International Journal of Engineering Research & Technology (Febrauary 2013)
- Presented a paper on "**Enabling Efficient Relay station grouping and schedulingin IEEE 802.16j for handoff minimization**" at Karpagam University.
- Presented a paper on "**An Enhanced Co-Operative Detection System based on Protocol Analysis and Decision Trees**" at Bannari Amman Institute of Technology.
- Presented a paper on "**MRI and PET Image Fusion by Combining IHS andRetina Inspired Model**" at Vellalar College of Engineering and Technology.
- Presented a paper on "**Image Fusion of PET and MRI Image using R^2I^2HS Algorithm**" at RVS College of Engineering and Technology.

12	**Achievements/FDP/Workshop/Webinar Attended:**
	● Attended the Infosys Campus Connect trainings and conducted the Foundation Program 3.1 and 4.1 Classes for both circuit and non-circuit branch Students.
	● Attended the Infosys Campus Connect soft skills trainings and conducted the Soft skills Classes for both circuit branch Students.
	● Participated in various programmes organized by N.S.S and completed two years ofservice in the National Service Scheme.
	● Life member of ISTE
	● Guided a project titled "A System to filter unwanted messages "which is presented at13th ISTE Tamilnadu Annual Convention for Engineering students -2014. Received BEST Project Award from "ISTE" 2013
	● Awarded with "Best Faculty of Department of IT" for the academic year 2012-2013 and 2013-2014
	● Awarded with Bronze Infosys Partnership Level Certification by Infosys Inspire forthe academic year 2017-18
	● Successfully completed NPTEL -AICTE FDP Courses such as Introduction

	toInternet of Things and Programming, Data Structures and Algorithms ● Attended FDP201X Foundation Program in Information and Communication Technology(ICT) for Education |IIT Bombay ● Attended FDP101X Pedagogy for Online and Blended Teaching-Learning Process |IIT Bombay ● Participated in Faculty Development Programme on "Mobile Computing" organized by Anna University Chennai ● Participated in Faculty Development Program on "**Cloud Infrastructure and its services**" organized by EMC2 at Vellamal College of Engineering, Madurai. ● Participated in Five days Faculty Development Program on "**Outcome based Education**" organized NITTTR ,Chennai. ● Membership in IEEE and its five computer science societies from 2025 to 2026.
13	**Programs Organized** ● Coordinated the Convocation for the Batch of 2015,2016,2017 ● Coordinated the events for the AZIMO"13, AZIMO"14, and AZIMO "15,DHRUVA 17(National level Technical Symposium). ● Coordinated the International Conference ICECS"14 held on Feb 13th -14th 2014. ● Coordinated the International Conference on Systems and Control ,2016. ● Attended the Infosys Campus Connect trainings and conducted the Foundation Program 3.1 and 4.1 Classes for both circuit and non-circuit branch Students. ● Attended the Infosys Campus Connect soft skills trainings and conducted the Soft skills Classes for both circuit branch Students. ● Organized a National level Workshops on "Internet of Things using Rasberry pi" during Febrauary 2016 ● Organized a National level Workshops on "Bigdata Analytics" on December 2017 ● Organized Train the trainer workshop on JEE Framework on October 2024, Sri Sairam Engineering College. ● Organized ISTE sponsored FDP on Data Journey: Discovering Science for Visualization" for six days on December 2024 at Sri Sairam Engineering College.