


STAFF BIO – FORM

Name of the Institution : SRI SAIRAM INSTITUTE OF TECHNOLOGY

Name of the Department: Computer Science and Engineering Staff ID:SITT24CS02

1	Name (in Block Letter) with initials at the end	:	Mr.Somu C S		
2	Address for Communication	:	Plot No.6, Door No.12,Thirumurugan Salai, Chitlapakkam, Chennai-600 064		
3	E-mail id (valid and functional)	:	somu.cse@sairamit.edu.in		
4	Mobile Number (valid and functional)	:	9677293831		
5	Nationality	:	Indian		
6	Community	:	ST		
7	Gender	:	Male		
8	Date of Birth	:	23/08/1982		
9	Educational Qualification(s) :				
	Qualifications	Specialization	Board / University / Institution	Year of Passing	Percentage
	SSLC	T,E,M,S,SS	Saviour Jesus Matriculation Higher Secondary School	1998	68 (First Class)
	HSC	M,P,C,B	Saviour Jesus Matriculation Higher Secondary School	2000	60 (First Class)
	UG	B.E -ECE	S.R.M Engineering College, Kattankulathur,Chennai	2004	61 (First Class)
	PG	M.E- CCE	Tamilnadu College of Engineering, Coimbatore	2007	69 (First Class)
	Ph.D	Information and Communication Engineering	VIT University,Chennai campus	Pursuing	-

10	Professional Societies Membership : IEEE,CSI						
11	Experience in other Institutions / Industry :						
	Name of the Organization	Designation	Period		Nature of work	Experience	
			From	To		Years	Month
	Rajalakshmi Institute of Technology, Chennai	Assistant Professor(CSE)	8-08-2022	19-06-2024	Teaching	1	10
	DMI College of Engineering	Assistant Professor (CSE)	17-06-09	05-08-2022	Teaching	13	-
	Binary Consulting and Solution	Systems Support Engineer	02-05-07	29-05-09	Installation of PCs	2	
	Info soft	Graduate Engineer	02-07-04	01-8-05	Maintenance of Information flight systems	1	
	Total Experience (A)					17	10
12	Experience in our Institution:						
	Name of the Organization	Designation	Period		Nature of work	Experience	
			From	To		Years	Month
	Sri Sairam Institute of Technology	Assistant Professor (CSE)	20-06-2024	Till date	Teaching	1	6
	Total Experience (B)					1.6 Years	
	Grand Total (A+B)					19.4 Years	
13	National Conference and International Conference :						
	<ul style="list-style-type: none"> Presented a paper in the INTERNATIONAL CONFERENCE ‘ Design of M3FCM based Convolutional Neural Network for Prediction of Wheat Disease’ on International Journal of INTELLIGENT SYSTEMS ANDAPPLICATIONS IN ENGINEERING Presented a paper in the INTERNATIONAL CONFERENCE ‘Deep Learning Based Classification and Prediction on Vegetable Crop Leaf’ on 2024 4th International Conference on Mobile Networks and Wireless Communications (ICMNBC),Chennai. Presented a paper in the INTERNATIONAL CONFERENCE ‘Detection of Abnormal Human Behavior using YOLO and CNN for Enhanced Surveillance’ on 5th International Conference on Smart Electronics and Communication (ICOSEC 2024), Chennai. 						

- Presented a paper in the **INTERNATIONAL CONFERENCE 'EMAIL SPAM DETECTION USING MACHINE LEARNING', on 5th INTERNATIONAL CONFERENCE ON CONTEMPORARY COMPUTING AND INFORMATICS (IC3I), AMITY UNIVERSITY, Chennai.**
- Presented a paper in the **NATIONAL CONFERENCE 'ORGAN DONATION USING AADHAR CARD BASED ON MEDICAL ALTRUISTIC DONOR', on 31.03.2017, ARIGNAR ANNA INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai**
- Presented paper in the **NATIONAL CONFERENCE IN 'TRAFFIC SIGN DETECTION AND RECOGNITION FOR INTELLIGENT VEHICLE, on 23.03.2017, AGNI COLLEGE OF TECHNOLOGY, Chennai.**
- Presented paper in the **National Conference on , A MULTILEVEL APPROACH FOR GENERATING REPORT BASED ON INFORMATION FILTERING, NCICCT'16, ALPHA COLLEGE OF ENGINEERING, Chennai.**
- Presented paper in the **NATIONAL CONFERENCE IN VERIFIABLE CRYPTOGRAPHIC BASED DATA TRANSFORMATION SYSTEM IN NC3N'15, VALLIAMMAI ENGINEERING COLLEGE, Chennai.**
- Presented paper in the **NATIONAL CONFERENCE IN A SYSTEMATIC APPROACH FOR PREVENTING SESSION HIJACKING IN WEB APPLICATIONS IN ICETET'16, PANDIAN SARASWATHI YADHAV ENGINEERING COLLEGE.**
- Presented paper in the **NATIONAL CONFERENCE IN A CATEGORIZATION OF DRUGS BASE ON POLARITY OF TWITTER TWEETS IN ICEEOT'16, DMI COLLEGE OF ENGINEERING.**
- Presented paper in the **INTERNATIONAL CONFERENCE IN A Face recognition by three way Authentication, in ICNSCET-2020, Nadar Saraswathi College of Engineering and Technology.**
- Presented paper in the **INTERNATIONAL CONFERENCE IN A Creating Secure Clouds by Continuous Auditing using Ternary Hash Tree, in ICNSCET-2020, Nadar Saraswathi College of Engineering and Technology.**

14 International Journal:

Published a Paper entitled **'DESIGN OF M3FCM BASED CONVOLUTION NEURAL NETWORK FOR PREDICTION OF WHITE DISEASE'** INTERNATIONAL JOURNAL OF INTELLIGENT SYESTEMS AND APPLICATIONS IN ENGINEERING, VOL.NO.11(2s), NO.203-210, JANUARY 2023 , ISSN NO.2147-6799.

Published a Paper entitled **'INTEGRATED SECURE MEDICAL IMAGE TRANSFER FRAMEWOR',** INTERNATIONAL JOURNAL OF PRINTING, PACKAGING & ALLIED SCIENCES, VOL.NO.5, NO.1, FEBRUARY 2017 , ISSN NO.2320-4387 (ANNEXURE 1).

15 Programs Attended :

- Participated in the Six Days Faculty Development Program on “**Empowering the Digital Era Through advances In Artificial Intelligence, Data Science and Automation**”at Sri Sairam Engineering College, *held from 28th November 2025 to 4th December2025*
- Participated in the Six Days Online ATAL Faculty Development Program on “**GENERATIVE AI TECHNIQUES, TOOLS, AND APPLICATIONS**” at National Institute of Technology, Delhi held from **03/02/2025 to 08/02/2025**.
- Participated in the ATAL Faculty Development Program on “**Cyber Security in AI** ” at CMR University, held from **02/12/2024 to 07/12/2024**.
- Participated in the ATAL Faculty Development Program on “**AI and Quantum Computing :Glimpsing the Near Future** ” at Sri Sairam Engineerinmg College held from **20/01/2025 to 25/01/2025**.
- Participated in the Five Days Faculty Development Program on “**Frontiers of Intelligence :Next-Gen Technologies Shaping the Future research**” at Sri Sairam Engineering College, *held from 20/06/2025 to 30/06/2025*.
- Participated in the ATAL Faculty Development Program on “**AI Driven Network Security : Advanced Techniques for Intrusion detection** ” at Rajalakshmi Engineerinmg College held from **09/12/2024 to 14/12/2024**.
- Participated in the Five Days Faculty Development Program on “**Quantum Cryptography and Cyber Security-A Symbolic Evolution**” at Sri Sairam Institute of Technology , *held from 02/01/2025 to 7/01/2025*.
- Participated in the Six Days Faculty Development Program on “**Next Gen Educators : Harnessing the power of Machine Learning** ” at Jeppiar Institute of Technology , *held from 25/09/2024 to 01/10/2024*.
- Participated in the One Week Faculty Development Program on “**Salesforce Administrator** ” at Sri Sairam Institute of Technology , *held from 08/07/2024 to 12/07/2024*.
- Participated in the Five Days Faculty Development Program on “**Integrated Software Designed Radio with Machine Learning** ” at DMI College of Engineering , *held from 08/01/2025 to 13/01/2025*.
- Participated in the One Week Virtual Faculty Development Program on “**Applied AIML: From Concept to Real World Applications in Teaching** ” at Dr. M.G.R Educational and Research Institute , *held from 26/05/2025 to 30/05/2025*.
- Participated in the Five Days Virtual Faculty Development Program on “**Deep Learning Techniques using Python and Tensor flow**” at Sri Sairam Institute of Technology , *held from 01/07/2025 to 05/07/2025*.

	<ul style="list-style-type: none"> ● Participated in the Faculty Development Program on “Generative AI ” at Sri Sairam Engineering College, <i>held from 04/08/2025 to 08/08/2025.</i> ● Participated in the Five Days Virtual Faculty Development Program on “Next Generation AI: Exploring the Power of Generative Models and Transformers ” at Dr. M.G.R Educational and Research Institute , <i>held from 01/05/2025 to 05/05/2025.</i> ● Participated in the ATAL Faculty Development Program on “Next-Gen Intelligence: AI Applications in Industry, Academia and Beyond ” at St.Joseph’s Institute of Technology, <i>held from 08/09/2025 to 13/09/2025.</i> ● Participated in the ATAL Faculty Development Program on “Next-Gen AI for Fog and Edge Computing: Building Intelligent, Decentralized IoT Networks” at Kongu engineering College, <i>held from 15/12/2025 to 20/12/2025.</i> ● Participated in the One Week Online Faculty Development Program on “Prompt Engineering and Generative AI ” at Sri Sairam Institute of Technology, <i>held from 08/08/2025 to 23/08/2025.</i> ● Participated in the One Week Faculty Development Program on Artificial Intelligence, Machine Learning, and Data Science with Research Applications ” at MLRIT, <i>held from 21/07/2025 to 26/07/2025.</i> ● Participated in the One Week National Level Faculty Development Program on Artificial Intelligence Tools ” at Brainovision Solutions India Pvt. Ltd., <i>held from 17/02/2025 to 21/02/2025.</i> ● Participated in the One Day Online Faculty Development Program on Artificial Intelligence Tools for Teaching ” at Star International Foundation for Research and Education <i>held from 22/06/2024.</i>
16	<p>Certificate Courses:</p> <ul style="list-style-type: none"> ● Successfully completed the course on ”Advanced Certification program in Cyber Security and Ethical Hacking conducted by iHUB DivyaSamparkat Indian Institute of Technology Roorkee in association with Intellipat on 4th December 2025. ● NPTEL course on “Ethical hacking” in Cyber Security Domain. ● NPTEL course on “Operating Systems Fundamentals” in Cyber Security Domain ● SIRD&PR Course conducted by Rural Development & Panchayat Raj Department, completed on Oct 2025. ● Successfully completed the course on ”Social Emotional Education: Knowledge to Practice (SEEK) on 5th December 2025.