STAFF BIO-FORM

Name of the Institution: SRI SAI RAM ENGINEERING COLLEGE

Name of the Department: M.TECH-Computer Science and Engineering   Staff ID: SECT23CJ02

1	Name (in Block Letter)with initials at the end	:	MR.G.YUVARAJ
2	Address for Communication	:	PLOT NO. 10, INDRA NAGAR, KOVILPATHAGAI, AVADI, CHENNAI – 62.
3	E-mail id (valid and functional)	:	yuvaraj.cj@sairam.edu.in
4	Mobile Number (valid and functional)	:	8098857554
5	Nationality	:	Indian
6	Community	:	BC
7	Gender	:	Male
8	Date of Birth	:	01/07/1991
8a	Designation	:	Assistant Professor
9	Qualification	:	B.E.(CSE),M.E.(CSE).

9a	Educational Qualification(s) :

Qualifications	Specialization	Board /University/ Institution	Yearof Passing	Percentage
SSLC	-	State Board Vivekananda Matriculation Higher Secondary School in Uthukottai.	2006	53

	Diploma	DCE	John Bosco Polytechnic college, Thiruvallur	2010	83
	*UG	B.E.CSE	Anna University-Indira Institute Engineering & Technology College, Thiruvallur	2013	7.05 (CGPA)
	*PG	M.E.CSE	Anna University- Sri Venkateswara Institute of Science and Technology	2016	7.5 (CGPA)

9b	Area of Specialization	NetworkSecurity with IoT

10	Experience in other Institutions/ Industry:

Name of the Organization	Designation	Period		Nature of work	Experience	
		From	To		Years	Month
Veltech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology (Deemed to be university)	Assistant Professor	22.6.2017	29.8.2019	Teaching	2	3
Narayana Engineering College	Assistant Professor	16.12.2019	13.8.2020	Teaching	0	8
Siddharth Institute of Engineering and Technology	Assistant Professor	17.8.2020	20.2.2021	Teaching	0	6
Velammal Institute of Technology	Assistant Professor	22.2.2021	8.6.2023	Teaching	2	4
Total Experience					5	9

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

- G Yuvaraj, Nithya M, Shiny A, LakshmiNarayanan S, Vinothini A, Selva vignesh S M "**Fuel Monitoring in Bike Vehicles Based on IoT**", 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS), DOI: 10.1109/ICCEBS58601.2023.10448685, March, 2024.

- N. Jagadish Kumar, G.Yuvaraj, A.Thariq Hameed, A.Mohamed Sheik Noor, E.Johindhan, P.Rudresh Vasanth **"A Novel Harris Hawk algorithm (HHA) to optimize Deep Autoencoder (DAE) method of Deep Learning for cancer diagnosis"**, 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS), DOI: 10.1109/ICCEBS58601.2023.10449072, March, 2024.

- Dr.R.Rajasree, Yuvaraj G, Vinothini A, K.Haritha **"Enhancing single image haze reduction with a simple additive model and incorporating smoothness for the haze component"**, Journal of Interdisciplinary Cycle Research, ISSN NO: 0022-1945, Volume XVI, Issue I, January 2024.

- G Yuvaraj, Shiny A, Ganesh R, Sivanesh K S, Vinothini A **"Enhancing Generator Efficiency: IoT-Based Distilled Water Monitoring System"**, 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), DOI: 10.1109/ICPECTS62210.2024.10780013, December, 2024.

- S.Lakshmi Narayanan, Anitha.G, K.Sachet, G.Yuvaraj, S.Arumai Shiney, M.Vaalarivan **"EFFICIENT TASK SCHEDULING IN APACHE MESOS USING HYBRID STOCHASTIC GRADIENT DESCENT GOLDEN EAGLE OPTIMIZED (HSGD-GEO) APACHE AURORA FRAMEWORK",** 2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS), DOI: 10.1109/ICKECS61492.2024.10616765, December, 2024.

- G Yuvaraj, D. Pujitha Sameera, "**Enhanced Protective Methods for Ddos Attack**", International Journal of Innovative Technology and Exploring Engineering (IJITEE),Volume-8 Issue-8, ISSN: 2278-3075, June, 2019.

- Siva Rama Lingham N, G. Yuvaraj, T. Senthil Murugan ,"**Emergency call receiving alert through mobile phones using to change the current profile**", International Journal of Engineering & Technology, Volume-7 Issue-2.20,ISSN: 2227-524X, 2018.

- G Yuvaraj, Siva Rama Lingham N, Rajkamal J, **"Covert Channels Detection with Supported Vector Machine and Hyperbolic Hopfield Neural Network"**, International Journal of Engineering & Technology, Volume-7 Issue-2.24,ISSN: 2227-524X, 2018.

- G. Yuvaraj, M. Nizar Ahamed, N. Siva Rama Lingham, D. Jayaprakash, **"Optimizing best cloud service using the Bayesian personalized ranking framework"**, International Journal of Engineering & Technology, Volume-7 Issue-1.1,ISSN: 2227-524X, 2018.

- V. Usha, C. Saranya Jothi, G. Yuvaraj, Thanjaivadivel M, **"Unmanned fuel system using RFID tools"**, International Journal of Engineering & Technology, Volume-7 Issue-2.20, ISSN: 2227-524X, 2018.

- Published a Paper **"An Effective Covert Timing Channels Detection: Support Vector Machine & Hyperbolic Hopfield Neural Network"** in International Journal of Modern Trends in Engineering and Science IJMTES Journals

- Presented a Paper **"Monitorising The Distelle Water In Battery Using IoT"** in "International Conference on Recent Trends in Electronics, Computing and Communication Engineering2019"heldatSaveethaSchoolofEngineering Chennai,heldon25th&26th April 2019.

	• Presented a Paper **"Enhanced Protective Methods for DDos Attack"** in "National Conference on Emerging Computing Technologies and Applications (NCECTA 2019)" heldat Veltech Rangarajan Dr. Sagunthala R&D Institute of Sciene and Technology (Deemed to be university), Avadi, Chennai, held on 29th & 30th March2019. • Presented a Paper **"An Effective Covert Timing Channels Detection: Support Vector Machine & Hyperbolic Hopfield Neural Network"** in "National Level Conference on ComputingCommunicationandInformationTechnology(NCCIT)"heldatT.J.S Engineering College, Chennai
12	**Achievements/FDP/Workshop/Webinar Attended:**

- Attended CISCO Networks Training Program on **"CCNA Training"** organized by CISCO Networks Academy, held in Cisco Networking Academy, Instructor Training Centre, Amrita Vishwa Vidyapeetham, Amritanagar, Coimbatore, held on from 24th June to 06th July 2019.

- Completed the Online Certification Course in "**NPTEL**" in "**Internet of Things**" and award "**SILVER+ELITE**"

- Completed the Certification in SQL Server/ Oracle Engineer–(TOAD,SSMS, Data Migration) from Udemy.

- Completed the Certification training in Arduino Training offered by Spoken Tutorial Project, IIT Bombay.

- Attended the webinar on hands on experience on "IoT with Cisco Packet Tracer" Conducted by **SREE DATTHA Institute of Engineering and Science.**

- Attended the **"THE TRAINER PROGRAM on JAVA PROGRAMMING"** conducted by Infosys Limited from July 5 to July 9 2021.

- Attended Faculty Development Program on **"Introduction to Python Programming"** Organized by ICT Academy, held in online mode, held on from 26th to 30th April 2021.

- Attended the two weeks online FDP on **"Data Science using Python "** Conducted by Lakki Reddy Bali Reddy College of Engineering.

- Attended the six days **Online Short term Training Programme** Conducted at MIT Campus, sponsored by AICTE and organized by Anna University.

- Attended the Online FDP on "**Block Chain** " at National Institute of Technology , Warangal Conducted by AICTE Training and learning (ATAL).

- Attended the Online FDP on **Cyber Security** conducted by Vels Institute of Science, Technology and Advanced Studies in association with Indian Servers.

- Attended the webinar on **"IoT Challenges and Design Aspects for Sustainable Development**" Conducted by Narayana Engineering College .

- Attended an Online FDP on "**Machine Learning**" Organised by "SANTHIRAM ENGINEERING COLLEGE", in Collaboration with INDIAN SERVERS, Hyderabad &Vijayawada.

- Attended Faculty Development Program on **"Hands-on Training in IoT, Ethical Hacking and NS3"** organized by Department of Computer Science & Engineering in Association with CSI, held at Veltech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (Deemed to be university), Avadi, Chennai, held on from 05th to 11th January 2019.

- Attended Faculty Development Program on **"Artificial Intelligence, Deep Learning and Computer Vision Applications"** organized by Department of Computer Science & Engineering in Association with CSI, held at Veltech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (Deemed to be university), Avadi, Chennai, held on from 03rd to 09th December 2018

- Attended Faculty Development Programon **"Firewall Installation, Configuration and Management"** organized by ICT Academy, held in Bannari Amman Institute of Technology, Sathyamangalam, held on from 23rd to 27th April2018.

- Attended National workshop on **"Quantum Computation and Cryptography"** organized by S.A. Engineer ng College , Avadi, Chennai, held on 23rd& 24th January 2018.

- Attended workshop on **"Python programming and its applications"** organized by Veltech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology (Deemed to be university), Avadi, Chennai, held on20th & 21st December 2017.