

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 initi at the end	ials	:	Mrs. G	.Saratha Devi			
2	Address for Communication :			NO. 404,K2,T12,Shriram Sankari Apartments, Thangappapuram, Guduvachery, CHENNAI – 202.				0.0
3	E-mail id (valid a functional)	and	•	sarathadevi.cj@sairam.edu.in				
4	Mobile Number (valid and functional)		:	962910	5564			
5	Nationality		:	Indian				
6	Community		:	BC				
7	Gender		:	Female				
8	Date of Birth : 01/05/19			01/05/1	988			
8a	Designation	ignation : Assistan			nt Professor			
9	Qualification : B.E.(IT			B.E.(IT	"),M.E.(CSE).,PhD(pursuing)			
9a	Educational Qualification(s) :							
	Qualifications	Specialization MATRIC		lization			r of Percentage	
	SSLC			FRIC	TMHNU.Matriculation Higher Secondary School, Theni.	2004		88



		TMHNU.M	atriculation								
HSLC	Bio- Maths	Bio- Higher Secondary		2006	81						
*UG	B.E. IT	Avinashilingam University- Coimbatore Karpagam University,Coimbatore		2010	70 9 (CGPA)						
*PG	M.E. CSE			2012							
Area of Specialization	Data Science, Wireless networks with deep learning										
Experience in other Institutions / Industry :											
Name of the Organization	Designation	Pe	riod	Nature of work	Experience						
		From	То		Years	Month					
Karpagam Colleg Engineering, Coimbatore		04.6.2012	19.7.2019	Teaching	8	1					
Annapoorna Engineering College,	Assistant Professor	02.12.2019 21.1.2021		Teaching	1	1					
Salem		•			0						
National/Internati		A			9	2					
 Interoperability Biotechnology Published a present of the problem of	ity in Perspective to respective to respect to the second second second second paper entitled "Encry Journal of Bioscience BER-2 MARCH (2019) paper entitled "WI International Journal of paper entitled "An en- al Journal of Enginee paper entitled "A SU MUNICATION IN	 User Service ations SPECIA pting Text M Biotechnolog RELESS SE of Pure and A hanced voice ring & Techn RVEY ON D INTERNET 	ces" in Inter AL ISSUE VOI (essages Using gy Research C CNSOR NE' ppliedMathen e based chatb ology 7 (Spec INFORMAT) G OF THIN	national Journ 12 NUMBER DNA Cryptog ommunication TWORK AP natics 118 (11) ot using artifi ial issue 3), 1 ION CENTR	nal of B i R-2 MARC graphic M s SPECIAI , 385-389(icial intell 18-120(20 IC NETV	oscience H (2019) odel" in L ISSUE CONS:A (2018) ligence" 18) VORKS					
	*UG *PG Area of Specialization Name of the Organization Karpagam College Engineering, Coimbatore Annapoorna Engineering College, Salem National/Internati • Published a Interoperabil Biotechnologg • Published a International VOL 12 NUM • Published a FOR COM	Maths *UG B.E. IT *PG M.E. CSE Area of Specialization Experience i Name of the Organization Designation Karpagam College of Engineering, Coimbatore Assistant Professor Annapoorna Engineering College, Salem Assistant Professor Total Ex National/International - Conference(s)/ • Published a paper entitled "An Interoperability in Perspective to Biotechnology Research Communic • Published a paper entitled "Encry International Journal of Bioscience VOL 12 NUMBER-2 MARCH (2019) • Published a paper entitled "An en in International Journal of Enginee • Published a paper entitled "An en in International Journal of Enginee • Published a paper entitled "An en in International Journal of Enginee • Published a paper entitled "An en in International Journal of Enginee • Published a paper entitled "An en in International Journal of Enginee • Published a paper entitled "An en in International Journal of Enginee • Published a paper entitled "A SU FOR COMMUNICATION IN	HSLC Bio- Maths Higher S. School, School, *UG B.E. IT Avinaa University, Coim *PG M.E. CSE Karp University, M.E. CSE Area of Specialization Data netv Xarea of Specialization Data netv Karpagam College of Engineering, Coimbatore Designation Karpagam College of Engineering, Coimbatore Assistant Professor 04.6.2012 Annapoorna Engineering College, Salem Assistant Professor 02.12.2019 Valional/International - Conference(s)/Journals: 02.12.2019 • Published a paper entitled "An Efficient An Interoperability in Perspective to User Servis Biotechnology Research Communications SPECI/ Published a paper entitled "Encrypting Text M International Journal of Bioscience Biotechnolog VOL 12 NUMBER-2 MARCH (2019) • Published a paper entitled "An enhanced voice in International Journal of Engineering & Techn • Published a paper entitled "An enhanced voice in International Journal of Engineering & Techn • Published a paper entitled "An enhanced voice in International Journal of Engineering & Techn • Published a paper entitled "An enhanced voice in International Journal of Engineering & Techn • Published a paper entitled "A SURVEY ON I FOR COMMUNICATION IN INTERNET	Maths School, Theni. *UG B.E. IT Avinashilingam University- Coimbatore *PG M.E. CSE Karpagam University,Coimbatore Area of Specialization Data Science, Wirr networks with de learning Experience in other Institutions / Indu Name of the Organization Designation From To Karpagam College of Engineering, Coimbatore Assistant Professor O4.6.2012 19.7.2019 Karpagam College of Engineering Coimbatore Assistant Professor Outelege, Salem Assistant Professor 02.12.2019 Z1.1.2021 College, Salem Data Experience National/International - Conference(s)/Journals: Interoperability in Perspective to User Services" in Inter Biotechnology Research Communications SPECIAL ISSUE VOI Published a paper entitled "An Efficient Architecture of Internotional Journal of Bioscience Biotechnology Research C VOL 12 NUMBER-2 MARCH (2019) Published a paper entitled "An enhanced voice based chabb in International Journal of Engineering & Technology 7 (Spec Published a paper entitled "A SURVEY ON INFORMATI FOR COMMUNICATION IN INTERNET OF THIN	HSLC Bio- Maths Higher Secondary School, Theni. 2006 *UG B.E. IT Avinashilingam University- Coimbatore 2010 *PG M.E. CSE Karpagam University.Combatore 2012 Area of Specialization Data Science, Wireless networks with deep learning 2012 Area of Specialization Data Science, Wireless networks with deep learning 2012 Karpagam College of Engineering, Coimbatore Assistant Professor Period Nature of work Annapoorna Engineering College, Salem Assistant Professor 04.6.2012 19.7.2019 Teaching National/International - Conference(s)/Journals: Total Experience Teaching Journal of Bioscience Biotechnology Research Communications SPECIAL ISSUE VOL 12 NUMBEF Published a paper entitled "Encrypting Text Messages Using DNA Cryptog International Journal of Bioscience Biotechnology Research Communications VOL 12 NUMBER-2 MARCH (2019) Published a paper entitled "Encrypting Text Messages Using DNA Cryptog International Journal of Bioscience Biotechnology Research Communications VOL 12 NUMBER-2 MARCH (2019) Published a paper entitled "An enhanced voice based chatbot using artiff in International Journal of Pure and AppliedMathematics 118 (11) Published a paper entitled "A SURVEY ON INFORMATION CENTRK FOR COMMUNICATION IN INTERNET OF THINGS" in International Journal of Engineering & Technology 7 (Special issue 3), 1	HSLC Bio- Maths Higher Secondary School, Theni. 2006 81 *UG B.E. IT Avinashilingam University. Coimbatore 2010 70 *PG M.E. CSE Karpagam University.Coimbatore 2012 9 (CGP. Area of Specialization Data Science, Wireless networks with deep learning 2012 9 (CGP. Area of Specialization Data Science, Wireless networks with deep learning 8 Karpagam College of Engineering, Coimbatore Assistant Professor Period Nature of work Experimed Science, Wireless Karpagam College of Engineering, Coimbatore Assistant Professor 04.6.2012 19.7.2019 Teaching 8 Mational/International - Conference(s)/Journals: 02.12.2019 21.1.2021 Teaching 1 • Published a paper entitled "An Efficient Architecture of Internet of Things for Interoperability in Perspective to User Services" in International Journal of Bis Biotechnology Research Communications SPECIAL ISSUE Vol. 12 NUMBER-2 MARCH • Published a paper entitled "Encrypting Text Messages Using DNA Cryptographic M International Journal of Discience Biotechnology Research Communications SPECIAL VOL 12 NUMBER-2 MARCH (2019) Published a paper entitled "WIRELESS SENSOR NETWORK APPLICATT STUDY" in International Journal of Pure and AppliedMathematics 118 (11), 385-3890 • Published a paper entitled "An enhanced voic					

• 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 and Retina Inspired
	Model" at Vellalar College of Engineering and Technology.
	• Presented a paper on "Image Fusion of PET and MRI Image using R ² I ² HS Algorithm" at
	RVS College of Engineering and Technology.
	KVS Conege of Engineering and Technology.
12	Achievements/FDP/Workshop/Webinar Attended:
14	
	• 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
	at13 th 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 Pronze Inferre Dorthorship Level Contification by Inferre Inspire
	 Awarded with Bronze Infosys Partnership Level Certification by Infosys Inspire for the academic year 2017, 18
	forthe academic year 2017-18
1	• Successfully completed NPTEL -AICTE FDP Courses such as Introduction
	• Successfully completed NPTEL - AICTE EDP 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.
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.

