SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by **NBA** and **NAAC "A+"** | An **ISO** 9001:2015 Certified and MHRD **NIRF** ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in

DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

Name of the Faculty	Mrs LEKHA P
Gender	Female
DOB	02.10.1985
Qualification	B.Tech., M.Tech.,
Designation	ASSISTANT PROFESSOR
Date of Joining	15-06-2023
UG Degree Completion	April-2008
UG- Name of the University	Anna University
PG Degree Completion	June-2011
PG-Name of the University	Anna University
Area of Specialization	UG: B.Tech Information Technology PG: M.Tech Information Technology
PhD - Yet to be Registered	-

PhD Pursuing	-
PhD Completion	-
Phd– Name of the University	-
PhD Specialization	-
Research Interested area	Data Mining, Data Science, Machine Learning
Courses Taught in UG / PG Level	❖ Problem Solving and Python Programming ❖ Foundations of Data Science ❖ Database Management Systems ❖ Data Warehousing and Data Mining ❖ Data Structures and Algorithms ❖ Operating Systems ❖ Programming in C ❖ Object Oriented Programming ❖ Cryptography and Network Security ❖ Computer Networks ❖ Computer Graphics and Multimedia ❖ User Interface Design ❖ Software Engineering ❖ Object Oriented and Analysis Design ❖ Software Testing ❖ C# and .NET Framework

Experience	**Teaching**	**14 Years** 1.Sri Sairam Institute of Technology, Dept of CCE [15.06.2023-Till Date] 2.Peri Institute of Technology, Dept of CSE [11.07.2018 – 30.05.2023] 3.Coimbatore Institute of Engineering and Technology, Dept of IT [01.07.2008 – 15.12.2016]
	Research	-
	Industry	-
	Others	-
No. of Books published		0
No.of UG Students Guided		20
No.of PG Students Guided		-
No.of Ph.D's Guided		0
Research Funded Projects		NIL
Patents		02
Technology Transfer		Attending FDP and Online courses related to the handling Subject for better and confident delivery of lectures.
Achievements		Awarded as "Bronze level" Partner faculty of Infosys campus connect Achieved Instructor level credential for completing CCNAv7: Introduction to Networks course

Professional Membership	ISTE IEEE IAENG
No. of workshop / Conferences / FDP attended	Workshops & FDP : 9 International Conference :- National Conference : 02
No. of workshop / Conferences / FDP organized	Workshops: 0 FDP: 0 International Conferences: 0 National Conferences :0
No.of Funded Projects applied	NIL
Publications/ Research Guidance / **Research Funded Projects /Patents /** **Technology Transfer**	No. of papers published in National Journals / Conferences :2 No. of papers published in International Journals / Conferences: No. of Books published :0
Programs Organized	**Technical Symposium Coordinator for MEEMICC'2016** at Coimbatore Institute of Engineering and Technology.

Events attended **WORKSHOP/FDP**	1. **One week National Level FDP on "Cloud Infrastructure (AWS) conducted by Dhanalakshmi College of Engineering in collaboration with Brainovision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE) from 21.08.23 to 25.08.23** 2. **Three days Industry Collaborated FDP on "Deep Learning Toolkits and their diverse uses"** held from 05.07.23 to 07.07.23 conducted by **Sairam Engineering College in association with LTIMindtree.** 3. **Two Weeks International FDP** on **Data Science Tools** conducted by **Easwari Engineering** College from **03.07.2023 to 14.07.2023**. 4. .**Instructor level credential** for completing **CCNAv7: Introduction to Networks course** conducted by **CISCO Networking Academy**. 5. **One Week FDP** on "**Hands-on Training on Data Science tools**" held from 23.01.23 to 28.01.23 conducted by **Sairam Engineering College**. 6. **Two days National level FDP** on "**ICT Tools and Innovative Teaching Techniques**" held on **29th and 30th December,2022** conducted by **IOT Academy.** 7. **Two Weeks International FDP** on **Data Science Tools** conducted by **Easwari Engineering** College from **07.10.2022 to 20.10.2022**. 8. **Two-Weeks ISTE STTP on Technical Communication for Scientists and Engineers** conducted by **Indian Institute of Technology Bombay** from **30th November 2015 to 5th December 2015** at Coimbatore Institute of Engineering and Technology.

	9. **Two-Weeks ISTE STTP on Introduction to Design of Algorithms** conducted by **Indian Institute of Technology Kharagpur** from **27th April 2015 to 30th May 2015** at Coimbatore Institute of Engineering and Technology 10. **Deep Drive Faculty Enablement Program on Foundation program 3.0** conducted by **Infosys Private Limited, Mysore** from **27.01.2014 to 31.01.2014**

| PATENTS | Filed | Facial Manipulation Detection using U-NET

Real time Facial recognition Based Student Proctoring System using KNN |
|---|---|---|
| JOURNALS / SCI/SCIE/WOS | - | |
| **Publications** | **SCOPUS/UGC/ others** | ● Published a paper entitled "Hiro Card Marker Detection in Augmented Reality" in Journal of Science, Computing and Engineering Research (JSCER) Volume-6, Issue- 3, March 2023.

● Published a paper entitled "Extraction And Plotting Of Spectral And Temporal Features Of EEG Rhythms" in Journal of Science, Computing and Engineering Research (JSCER) Volume-6, Issue- 3, March 2023.

● Presented a paper entitled "An Efficient Enhanced Minimum Spanning Tree Based Clustering for High Dimensional Datasets " in National conference on Advanced Computer Networking (NCACN'11) at KGiSL Institute of Technology-KiTE Coimbatore

● Presented a paper titled "A Performance Evaluation on Enhanced Minimum Spanning Tree Based Clustering for High Dimensional Datasets " National conference on Advanced Computer Science (NCACS'11) at Ranganathan Engineering College Coimbatore |
| **email ID** | | lekha.cce@sairamit.edu.in |
| **Father Name** | | Mr. Perumal C |

Mother Name	Mrs. Thangam P
Phone Number	9952361180
Communication Address	GF1, Block 9, Kumaran Sukrataa Apartment, Mannivakkam , Chennai-600048
Permanent Address	85/C 80 A, Cheran Nagar, G.N.Mills (post),Coimbatore-641029