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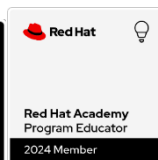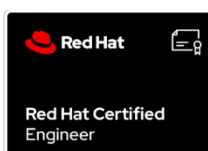
An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by **NBA** and **NAAC "A+"** | An **ISO 9001:2015** Certified and MHRD **NIRF** ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in

DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

Name of the Faculty	Mr.Ulaganathan.M.S
Gender	Male
DOB	29.07.1987
Qualification	B.E, M.E, $\overline{Ph.D}$
Designation	Associate Professor
Date of Joining	12.08.2021
UG Degree Completion	2008
UG- Name of the University	Anna University, Chennai
PG Degree Completion	2011
PG-Name of the University	Manonmaniam Sundaranar University, Tirunelveli
Area of Specialization	UG: B. E-CSE PG: M.E - CSE
PhD - Yet to be Registered	-
PhD Pursuing	Yes
PhD Completion	-

Phd– Name of the University		Anna University, Chennai
PhD Specialization		Data Mining
Research Interested area		Data Mining, Machine Learning, Deep Learning,
Courses Taught in UG / PG Level		❖ Artificial Intelligence ❖ Computer Graphics ❖ Data Structures and Algorithm ❖ Object Oriented Programming ❖ Operating System ❖ Mobile Computing ❖ Internet Programming ❖ Fundamentals of Computing ❖ Distributed Computing ❖ Internet & Java Programming ❖ C# & .Net Framework ❖ Theoretical Foundation of Computer Science ❖ Software Engineering ❖ Advanced Java Programming ❖ Graph Theory & Applications ❖ Theory of Computation ❖ Python Programming ❖ Java Lab ❖ Object Oriented Programming Lab ❖ Graphics Lab ❖ Microprocessor and Micro Controller Lab ❖ Data Structure lab ❖ Data Structure and object oriented programming with C++ lab ❖ Operating System Lab ❖ Internet Programming Lab ❖ Compiler Design Lab ❖ Mobile Application Development Laboratory
Experience	**Teaching**	**Total : 17 Years 6 Months** 12.08.2021 – Till now: Associate Professor at Sri Sairam Institute of Technology, Chennai 01.06.2012 – 06.08.2021: Assistant Professor at Einstein College of Engineering. 23.06.2008 – 11.05.2012: Lecturer at PSN College of Engineering and Technology
	Research	-
	Industry	NA
	Others	-

	Workshop	
	Conferences	
Attended	**FDP**	- Participated in Short Term Course on **"DATA STRUCTURES AND ALGORITHMS"** organized by PSN college of Engineering and Technology on **17-11-2008 to 22-11-2008** - Participated in Short Term Course on **"SOFTWARE ENGINEERING "** organized by PSN college of Engineering and Technology on **08-12-2008 to 14-12-2008** - Participated in One Day National Level Seminar on "**AN OVERVIEW OF J2EE**" organized by PSN College of Engineering and Technology on **05-02-2009 and 06-02-2009**. - Participated in Short Term Course on **"ADVANCED DATABASE SYSTEMS"** organized by PSN college of Engineering and Technology on **23-03-2009 to 28-03-2009** - Participated in Two Days National Seminar on "**New-Fangled Network Architecture – Spawning Network"** Organized by National Engineering College on **18-02-2011 to 19-02-2011** - Participated in One Week Faculty Development Programme on "**Fundamentals of Image Processing**" organized by Department of CSE , Einstein College of Engineering from **13.05.2013 to 17.05.2013** - Participated in Seven Days Faculty Development Programme on **"Advanced Java Programming"** organized by Anna University, Chennai at Einstein College of Engineering on **08-12-2014 to 14-12-2014** - Participated in Two Days Seminar on "**Research Towards Image Processing"** organized by Einstein College of Engineering on 08-06-2015 & 09-06-2015 - Participated in Department of Science and Technology (DST), New Delhi Sponsored Three Days National Workshop on "**Data Science Research**" organized by Department of CSE, Einstein College of Engineering, Tirunelveli from **01.12.2016 to 03.12.2016** - Participated in **Two Week Online Faculty Development Programme** on **"Python"** from **22.06.2020 to 04.07.2020** Jointly organized by Department of ECE, JSS Academy of Technical Education, Noida and Spoken Tutorial Project, Indian Institute of Technology, Bombay Funded by National Mission on Education through ICT, MHRD, Govt. of India - Participated and completed Successfully **AICTE Training and Learning (ATAL) Academy** Online FDP on "**Data Sciences**" from **02.11.2020 to 06.11.2020** at Francis Xavier Engineering College, Tirunelveli - Successfully completed the NPTEL course on Big Data Computing (Aug-Oct 2021) and obtained the Faculty Development Programme (FDP) certification. - Successfully completed the NPTEL course on Introduction to Database Systems (Jan-Apr 2023) and obtained the Faculty Development Programme

		(FDP) certification
		• Successfully completed the NPTEL course on Accreditation And Outcome Based Learning (Aug-Oct 2023) and obtained the Faculty Development Programme (FDP) certification
		• Successfully completed the NPTEL course on Programming, Data Structures And Algorithms Using Python (Jan-Apr 2024) and obtained the Faculty Development Programme (FDP) certification
		• Successfully completed the NPTEL course on Programming in Java (Jul-Oct 2024) and obtained the Faculty Development Programme (FDP) certification
		• Title: Bio-Inspired Computing and Intelligent Optimization: Bridging Nature and AI, Organized by: Department of Information Technology, Sri Sai Ram Institute of Technology. Duration: 21 – 26 July 2025
Organized	**Guest Lecture**	5
	Conferences	
	FDP	**1**
Professional Membership	**IEEE- membership in 6 societies**	
No. of papers published in National Journals / Conferences	5 • Presented a paper entitled "**A set based Intrusion Detection System in mobile Ad-hoc Network"** in the *National conference on "Information science & engineering" (NCISE-2011)* held on 8th April 2011. • Presented a paper entitled "**A set based Intrusion Detection System in mobile Ad-hoc Network"** in the *National conference on "Advanced trends in computing" (NCATC-2011)* held on 6th April 2011. • Presented a paper entitled "**Query Processing in Peer-to-Peer Networks"** in the *National conference on "Advanced trends in computing" (NCATC-2010)* held on 13th April 2010. • Presented a paper entitled "**Isolated word Speech Recognition in Biomimetic Pattern Recognition"** in the *National conference on "Advances in Computing, Information & Communication Technology" (ACICT-2009)* held on 21st October 2009. • Presented a Paper entitled "*An Efficient Technique for Detecting Crime using Multilayer Approach"* in the National Conference (NACIPAN'14) held on 06th & 07th March 2014	
No. of papers published in International Journals / Conferences	5	
No. of Books published	1	
No.of UG Students Guided	22	

No.of PG Students Guided	0
No.of PhD's Guided	0
Research Funded Projects	3 **1. Smart Town** **Funding Agency:** Tamil Nadu State Government – NIRAL Thiruvizha | Rs.10,000 **Status:** Completed | **Year:** 2024 **2. Lightmindz – Mental Health Wellness Web Application** **Funding Agency:** Tamil Nadu State Council for Science and Technology (TNSCST) | Rs.7500 **Status:** Completed | **Year:** 2025 **3. Enhancing Navigation for Railway Station Facilities and Locations** **Funding Agency:** Ministry of Micro, Small & Medium Enterprises (MSME) | Rs.15,00,000 **Status:** Ongoing | **Year:** 2025 – Present
Patents	**1. Smart Street Light** **Patent No.:** 367894-001 **Field:** Engineering and Technology **Status:** Granted **Filed:** 17 July 2022 | **Published:** 19 January 2023 **2. Augmented Reality Glasses for Skin Cancer Classification** **Patent No.:** 432002-001 **Field:** Engineering and Technology **Status:** Published **Filed:** 27 September 2024 | **Published:** 19 March 2025 **3. Enhancing the Security of Copyrights through Blockchain** **Status:** Published **Filed:** 13 November 2024 | **Published:** 22 November 2024

Technology Transfer	**Certifications:** • Red Hat Certified System Administrator (RHCSA) • Red Hat Certified Engineer (RHCE) • Wipro Certified Faculty – Java Full Stack Development • Microsoft Certified: Azure Fundamentals
Achievements	• Received the ***Best Mentor Award*** in recognition of outstanding guidance, student support, and academic mentoring excellence. • Secured ₹15 Lakhs in funding from the ***Ministry of Micro, Small and Medium Enterprises (MSME)*** for an innovative research and development project.
email ID	Ulaganathan.cce@sairamit.edu.in
Father Name	K.Mohana Sundaram
Mother Name	M.Shenbagadevi
Phone Number	9944215419
Communication Address	A3, Sri Karumari amman Nagar, Kuthanoor, Guduvancherry - 603202
Permanent Address	A3, Sri Karumari amman Nagar, Kuthanoor, Guduvancherry - 603202