




# Sri 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](http://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.,(Ph.D)
Designation	ASSOCIATE 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	-

<b>PhD Pursuing</b>	Yes
<b>PhD Completion</b>	-
<b>Phd– Name of the University</b>	Anna University
<b>PhD Specialization</b>	Machine Learning
<b>Research Interested area</b>	Data Mining, Data Science, Machine Learning
<b>Courses Taught in UG / PG Level</b>	<ul style="list-style-type: none"> <li>❖ Problem Solving and Python Programming</li> <li>❖ Foundations of Data Science</li> <li>❖ Database Management Systems</li> <li>❖ Data Warehousing and Data Mining</li> <li>❖ Data Structures and Algorithms</li> <li>❖ Operating Systems</li> <li>❖ Programming in C</li> <li>❖ Object Oriented Programming</li> <li>❖ Cryptography and Network Security</li> <li>❖ Computer Networks</li> <li>❖ Computer Graphics and Multimedia</li> <li>❖ User Interface Design</li> <li>❖ Software Engineering</li> <li>❖ Object Oriented and Analysis Design</li> <li>❖ Software Testing</li> <li>❖ C# and .NET Framework</li> </ul>

<b>Experience</b>	<b>Teaching</b>	<b>15 Years 4 Months</b> 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]
	<b>Research</b>	1.5 years
	<b>Industry</b>	-
	<b>Others</b>	-
<b>No. of Books published</b>		0
<b>No.of UG Students Guided</b>		20
<b>No.of PG Students Guided</b>		-
<b>No.of Ph.D's Guided</b>		0
<b>Research Funded Projects</b>		NIL
<b>Patents</b>		04
<b>Technology Transfer</b>		Attending FDP and Online courses related to the handling Subject for better and confident delivery of lectures.
<b>Achievements</b>		Recognized as NPTEL Domain Scholar Oct 2025 Recognized as NPTEL Motivated Learner Star Jul -Oct 2025 Recognized as NPTEL Discipline Star Jan -Apr 2025 Recognized as NPTEL ENTHUSIAST JUL-DEC 2024

	<p>Awarded as “Bronze level” Partner faculty of Infosys campus connect</p> <p>Achieved Instructor level credential for completing CCNAv7: Introduction to Networks course</p>
<b>Professional Membership</b>	<p>ISTE(LM 66696)</p> <p>IEEE (99448969)</p> <p>IAENG(344416)</p>
<b>No. of workshop / Conferences / FDP attended</b>	<p>Workshops &amp; FDP : 12</p> <p>International Conference :- 2</p> <p>National Conference : 02</p>
<b>No. of workshop / Conferences / FDP organized</b>	<p>Workshops: 1 FDP: 0</p> <p>International Conferences: 0</p> <p>National Conferences :0</p>
<b>No.of Funded Projects applied</b>	NIL
<b>Publications/ Research Guidance</b> / <b>Research Funded Projects</b> / Patents / <b>Technology Transfer</b>	<p>No. of papers published in National Journals / Conferences :2</p> <p>No. of papers published in International Journals / Conferences:5</p> <p>No. of Books published :0</p>
<b>Programs Organized</b>	<ul style="list-style-type: none"> <li>• <b>Technical Symposium Coordinator for COCOENZ’24</b> at Sri Sairam Institute of Technology</li> <li>• <b>Technical Symposium Coordinator for MEEMICC’2016</b> at Coimbatore Institute of Engineering and Technology.</li> </ul>

<p><b>Events attended</b></p> <p><b>WORKSHOP/FDP</b></p>	<ol style="list-style-type: none"> <li>1. <b>Faculty Development Programme on Modern Web Development &amp; AI Integration</b> under the Next Gen Employability Program from <b>24 November 2025 – 28 November 2025</b>.</li> <li>2. <b>Faculty Development Programme on Prompt Engineering and Generative AI</b> organized by Sri Sai Ram Institute of Technology from <b>18.08.25 to 23.08.25</b>.</li> <li>3. <b>Faculty Development Programme on Quantum Technologies &amp; Applications</b> (Feb 28 - Mar 22, 2025) – <b>Completed a 40-hour</b> (3-credit equivalent) FDP by Electronics &amp; ICT Academies (MNIT Jaipur, NITs, IITs), funded by MeitY and endorsed by DST-NQM/AICTE/UGC.</li> <li>4. <b>One Week Faculty Industrial Training and Internship on AR &amp;VR with emphasis in Unreal Engine</b> from <b>27.5.24 to 31.5.24</b> at Monolith Technologies.</li> <li>5. <b>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</b></li> <li>6. <b>Three days Industry Collaborated FDP on “Deep Learning Toolkits and their diverse uses”</b> held from 05.07.23 to 07.07.23 conducted by <b>Sairam Engineering College</b> in association with <b>LTIMindtree</b>.</li> <li>7. <b>Two Weeks International FDP on Data Science Tools</b> conducted by <b>Easwari Engineering College</b> from <b>03.07.2023 to 14.07.2023</b>.</li> </ol>
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	<p>8. <b>Instructor level credential</b> for completing <b>CCNAv7: Introduction to Networks</b> course conducted by <b>CISCO Networking Academy</b>.</p> <p>9. <b>One Week FDP</b> on “<b>Hands-on Training on Data Science tools</b>” held from 23.01.23 to 28.01.23 conducted by <b>Sairam Engineering College</b>.</p> <p>10. <b>Two days National level FDP</b> on “<b>ICT Tools and Innovative Teaching Techniques</b>” held on <b>29<sup>th</sup> and 30<sup>th</sup> December,2022</b> conducted by <b>IOT Academy</b>.</p> <p>11. <b>Two Weeks International FDP</b> on <b>Data Science Tools</b> conducted by <b>Easwari Engineering College</b> from <b>07.10.2022 to 20.10.2022</b>.</p> <p>12. <b>Two-Weeks ISTE STTP on Technical Communication for Scientists and Engineers</b> conducted by <b>Indian Institute of Technology Bombay</b> from <b>30<sup>th</sup> November 2015 to 5<sup>th</sup> December 2015</b> at <b>Coimbatore Institute of Engineering and Technology</b>.</p> <p>13. <b>Two-Weeks ISTE STTP on Introduction to Design of Algorithms</b> conducted by <b>Indian Institute of Technology Kharagpur</b> from <b>27<sup>th</sup> April 2015 to 30<sup>th</sup> May 2015</b> at <b>Coimbatore Institute of Engineering and Technology</b></p> <p>14. <b>Deep Drive Faculty Enablement Program on Foundation program 3.0</b> conducted by <b>Infosys Private Limited, Mysore</b> from <b>27.01.2014 to 31.01.2014</b></p>
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PATENTS	Filed	<p>Facial Manipulation Detection using U-NET</p> <p>Real time Facial recognition Based Student Proctoring System using KNN</p> <p>An Intelligent Framework for Deep Learning based Water Prediction in Smart Water Distribution System.</p> <p>Wearable Smartwatch For Heart Rate Tracking</p>
JOURNALS / SCI/SCIE/WOS	-	
Publications	SCOPUS/UGC/ others	<p>Published a paper entitled <b>Breast Cancer Prediction Using Supervised Learning Algorithms</b>” in International Journal of Novel Research And Development 10 (3), e372 -e376.</p> <p>Published a paper entitled <b>“Developed a Machine Learning and Deep Learning Model for 5G MIMO Data Based Beam Selection and Intelligent Network Analytics</b>” in SN Computer Science 6 (3), 1-21.</p> <p>Published a paper entitled <b>“Building Helplines For Missing Children</b>” in International Journal Of Novel Research And Development 9 (7), e339-e343.</p> <p>Published a paper entitled <b>“Hiro Card Marker Detection in Augmented Reality</b>” in Journal of Science, Computing and Engineering Research (JSCER) Volume-6, Issue- 3, March 2023.</p> <p>Published a paper entitled <b>“Extraction And Plotting Of Spectral And Temporal Features Of EEG Rhythms</b>” in</p>

		<p>Journal of Science, Computing and Engineering Research (JSCER) Volume-6, Issue- 3, March 2023.</p> <p>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</p> <p>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.</p>
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<b>Father Name</b>		Mr. Perumal C
<b>Mother Name</b>		Mrs. Thangam P
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<b>Permanent Address</b>		85/C 80 A, Cheran Nagar, G.N.Mills (post),Coimbatore-641029