




Sri SAI RAM ENGINEERING COLLEGE

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.sairam.edu.in



Founder Chairman : MJF. Ln. Leo Muthu

<p>Name: CHITHRAKKANNAN R</p>		
<p>Designation</p>	<p>Associate Professor</p>	
<p>Area of Specialization</p>	<p>UG</p>	<p>B. E (Instrumentation & Control) (2000)</p>
	<p>PG</p>	<p>M.Tech., (Control Systems & Instrumentation) 2004</p>
	<p>Ph.D.</p>	<p>Pursuing (Deep Learning)</p>
<p>Experience</p>	<p>Machine Learning, Deep Learning, Advanced Control System, Process control, Power Plant Instrumentation, Digital Signal Processing, IOT, and Image Processing.</p>	
<p>Experience</p>	<p>Teaching- 20.4Years</p>	
<p>Number of Workshops/ Conferences/ FDP Attended</p>	<p>FDP</p>	<p>19</p>
	<p>Workshops</p>	<p>13</p>
	<p>Conferences</p>	<p>05</p>
<p>Publication</p>	<p>International Journal</p>	<p>10</p>
	<p>National Journal</p>	<p>02</p>
	<p>Internl. Conference</p>	<p>03</p>
	<p>National Conference:</p>	<p>02</p>
<p>Membership</p>	<p>LM ISTE, IEEE</p>	
<p>Research Guidance:</p>	<p>UG Projects – 41</p>	
<p>Patent Published</p>	<p>05</p>	
<p>Staff Achievement</p>	<p>Received Best Teacher Award from Lions club, Chennai.</p>	

Experience:

Teaching Experience: (22 years)

S. No	Name of the Institution	Designation	Department	Period of Experience
1.	Sri Sairam Engineering College, Chennai	Associate Professor	Instrumentation and Control Engineering	20 years 1 months (Till date)
2.	Bharath Nikethan Engineering College	Lecturer	Electronics and Instrumentation	2 year 3 months

ONLINE CERTIFICATION

- 1. Artificial Intelligence and Deep Learning Techniques, Dept. of IT, BSAR Crescent Institute of science & Technology.**
- 2. Introduction to AI from simple learn**
- 3. AI for Everyone: Master the Basics, from IBM**
- 4. Beyond the Sustainable Development Goals (SDGs): Addressing Sustainability and Development**
From University of MICHIGAN (COURSERA)
- 5. Machine Learning A-Z, Hands on Python & R In Data Science from udemy**
- 6. Introduction to IOT and Embedded Systems, University of California, Irvine.**
- 7. Introduction to Programming with MATLAB, University of Vanderbilt.**
- 8. The Arduino platform and C Programming, University of California, Irvine.**

JOURNALS PUBLISHED

- 1. "Implementation of GUI for Class Attendance Using Face Detection and Recognition System" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-1, November 2019**
- 2. "Breast Cancer Detection using Machine Learning" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-11, September 2019**
- 3. "Smart Warehouse Monitoring Using Iot" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019**

4. "PULMONARY FISSURE DETECTION AND CLASSIFICATION OF LUNG CT IMAGES USING SVM CLASSIFIER", JOURNAL OF CRITICAL REVIEWS, ISSN-2394-5125VOL 7, ISSUE 14, 2020
5. Aircraft Tracking Using Automatic Dependence Surveillance – Broadcast, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887 Volume 5 Issue XI November 2017
6. Pattern Knowledge Discovery Based Lung Cancer Classification System T. Mangayarkarasi, R. Chithrakkannan R. Karthikeyan Journal Cardiometry Issue 26, Pages 623-628
7. Modeling & Analysis Of Boiler Drum Control System Using Petri Nets R Chithrakkannan, T Mangayarkarsi, R Karthikeyan, 2020, Ilkogretim Online, Journal Volume 19, Issue 4, Pages 6780-6787
8. Technology Enhanced Mobility Orthosis For Elderly People, R Karthikeyan T Mangayarkarasi, R Chithrakkannan, Journal of the Gujarat Research Society, volume 21, issue 17, page 2106-2115

INTERNATIONAL CONFERENCES PRESENTED

1. HEALTH MONITORING OF AIR COMPRESSOR USING IOT, IC7-2018, Sri sairam college of engineering, Bangalore.
2. PULMONARY FISSURE DETECTION AND CLASSIFICATION OF LUNG CT IMAGES USING SVM CLASSIFIER", International conference on ICC- Sri Sairam Engineering College, Chennai.
3. "DC motor control using Neurofuzzy, "international conference on computing, control 2012 At 2012, Dr.M.G.R engineering college, Chennai.

SPECIAL LECTURES DELIVERED

1. Resource person for AICTE sponsored Two weeks FDP on “Machine learning techniques for imaging and health care with python” on 28.03.2021 at Sri Sairam Engineering College, Chennai, titled “Breast Cancer Detection using Machine Learning”.
2. **DST** sponsored Seminar on Control Strategy Prediction between Conventional & Intelligent Controllers, Neuro Fuzzy Control on 20.04.2018
3. Resource person for Valliammai Engineering College, FDP on Process control on 28.11.2018.
4. Resource person for ATAL mentor Change for Omega International School, Pallavaram.
5. **DST SERB SPONSORED** National Seminar on Control Strategy Prediction between Conventional and Intelligent Controller at Saveetha Engineering College

Patent Published :

1. NON INVASIVE THERMAL IMAGE ANALYSIS OF PETROL FOR ADULTERATION DETECTION
2. METHOD FOR PREPARING ALOE FEROX BANANA FIBER COMPOSITE
3. HYBRID TRICYCLE WITH TO AND FRO ACTION OF STEERING MECHANISM
4. AN INTELLIGENT SMART STREET LIGHT SYSTEM WITH SAFETY TECHNOLOGY AND ENVIRONMENT MONITORING.
5. WIND TURBINE DESIGN PATENT.
6. THE EFFICACY OF ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS MODELS FOR SOIL MONITORING AND CROP MANAGEMENT