


K.LAKSHMI JOSHITHA			
Designation:	PROFESSOR		
Qualification:	M.E, Ph. D		
Area of specialization:	WIRELESS SENSOR NETWORKS, VLSI DESIGN, ROBOTICS		
Experience : (As On May2014)	Industrial Experience	Teaching Experience	
	6 months -Seleicon Electronics	24 Yrs	
Number of workshop / FDP attended:	Number of Workshops	Number of FDPs	
	24	39	
Publications:	Conference	Journal	
	National & International	National	International
	44	-	14
-Patents:	National	International	
	02 (Published 01/01/2021 & 30-07-2021)	Nil	
Professional Body Membership:	Senior Member IEEE - 97507635, SIGNAL PROCESSING SOCIETY MEMBER IETE - AM229965 ISTE - LM 131449 FELLOW MEMBER IEI - F1280526 AICTE FACULTY ID 1-470499781 ATAL MENTOR OF CHANGE ID:121415552		
	International Association Of Engineers(IAENG) Membership no:223584		

Links to profile	https://vidwan.inflibnet.ac.in/profile/180167 http://www.orcid.org/0000-0001-9021-4608 http://www.scopus.com/authid/detail.url?authorId=56565651300 http://scholar.google.co.in/citations?user=4M5sXNIAAAAJ https://www.researchgate.net/profile/Lakshmi_Joshitha https://www.linkedin.com/in/lakshmi-joshitha-k/ https://publons.com/researcher/4911746/lakshmi-joshitha-k/ http://shodhganga.inflibnet.ac.in:8080/jspui/handle/10603/310179# Web of Science Researcher ID: AAB-2016-2022
Staff Achievements:	<ul style="list-style-type: none"> • Anna university Research Guide : Supervisor No:3440021 • UBA proposal selected for the year 2021 • Reviewer of reputed journals and IEEE conferences • Completed 25 online courses from course era, Udemy and simpli learn • Published international journals - Annexure 1
Roles and Responsibilities	<ul style="list-style-type: none"> • Controller of Internal Examination cell Dec-2022 , Chairman of valuation board 2021 • Propagator-NBA criterion 1 • Captain IIC Yukthi • Executive member START Team • Institution Innovation council coordinator-Innovation Ambassador • Certified ISO auditor, Internal auditor 2022 • Coordinator- AICTE Margadharshan scheme. • ATAL mentor of Change • Organizing Committee member Defense Industry connect 1.0
Schemes applied and Funded Projects	<ul style="list-style-type: none"> • Submitted Anna university 6 days FDP on transmission line and RF – October 2021 • Submitted DST funding proposal for the scheme of Advanced Manufacturing Technology (Oct 2021) • Submitted proposal for 5 Days ATAL /FDP on Data Sciences and Practicing Tools AICTE (Feb 2021) • RPS. TNSCST 2021 • Guided Funded project “Semi-Autonomous Rail Rift Revealer • Kalam Innovation Award • TNSI 2021 • NRDC 2021 • ISTE awards • UBA proposal 2021-2022 • Patent- AUGMENTED REALITY BASED RESTAURANT. Filing No:202041055464 (status-filed on 22/12/2020, published on 01-01-2021) • Patent –IMPLEMENTATION OF ANTI PILFERAGE AND ANTI LEAKAGE SYSTEM FOR FUEL TANKERS (status-published on 30-07-2021)
Guest Lectures & Juries	<ul style="list-style-type: none"> • Presented guest Lectures at Velammal Engineering College twice(11.9.2015 & 17.3.2015) • Presented guest Lectures at M. Kumarasamy College of Engineering Karur. • Presented a Guest Lecture at Sri Sairam Institute of Technology, Chennai on Communication Theory. • Presented an invited talk on the Hardware Description Language at SRM University 2021 • Acted as the jury for the Technovacion contest 2022,Hackathon 2022-SIT

- Acted as the jury for the internal Defence Hackathon 2021.
- Evaluator Naalaiya thiran 2022.

Workshop Details/Online courses	Sl. No.	Title	Venue	Month/Year
	1.	INNOVATION AMBASSADOR TRAINING (ADVANCED LEVEL)	MOE'S INNOVATION CELL & AICTE-ONLINE	OCTOBER 2022
2.	HANDS ON WORKSHOP ON UNDERSTANDING THE ROUTING AND SWITCHING CONCEPTS IN DATA COMMUNICATION AND NETWORKING USING CISCO PACKET TRACES	SRI SAI RAM ENGINEERING COLLEGE/ IEEE COMSOCIETY	01-12-2022 TO 02-12-2022	
3.	MODULE 7 NITTT-20201101002	CREATIVE PROBLEM SOLVING, INNOVATION AND MEANINGFUL R&D	JULY 2022	
4.	MODULE 3 NITTT	COMMUNICATION SKILLS MODES AND KNOWLEDGE DISSEMINATION	JULY 2022	
5.	MODULE 2 NITTT	PROFESSIONAL ETHICS AND SUSTAINABILITY	FEB 2022	
6.	MODULE 6 NITTT	STUDENT ASSESSMENT AND EVALUATION	FEB 2022	
7.	MODULE 5 NITTT	TECHNOLOGY ENABLED LEARNING AND LIFE LONG SELF LEARNING	SEP 2021	
8.	MODULE 1 NITTT	ORIENTATION TOWARDS TECHNICAL EDUCATION AND CURRICULUM ASPECTS	FEB 2021	
9.	WORKSHOP ON DATA SCIENCE USING R PROGRAMMING	DEPT OF EIE SRI SAI RAM ENGINEERING COLLEGE	24 TH AUG 2021	
10.	3-DAY ONLINE WORKSHOP ON LAB-VIEW	IEEE COMMUNICATION SOCIETY-MADRAS SECTION	9 TH AUGUST TO 11 TH AUGUST, 2021.	
11.	INNOVATION AMBASSADOR TRAINING (FOUNDATION LEVEL)	MOE'S INNOVATION CELL & AICTE-ONLINE	30-06-2021 TO 30-07-2021 (1 MONTH)	
12.	TRAINING ON PATENT SEARCH WITH ESPACENET	TURNIP INNOVATION PVT LTD MUMBAI	31 ST JULY 2021	
13.	TINKER YOUR IDEA TO NEXT LEVEL	DEPT OF ECE, SRI SAIRAM ENGINEERING COLLEGE	22 ND MAY 2021	
14.	ONE DAY WORKSHOP ON ORANGE DATA MINING TOOL	SRI SAIRAM ENGINEERING COLLEGE	15 TH MAY 2021	
15.	IIRS COURSE -REMOTE SENSING APPLICATION IN AGRICULTURE WATER MANAGEMENT	INDIAN INSTITUTE OF REMOTE SENSING DEHRADUN	03-08-2020 TO 07-08-2020	
16.	NATIONAL IP LITERACY WEEK, KALAM PROGRAM FOR IP LITERACY AND AWARENESS	ONLINE INSTITUTION INNOVATION COUNCIL	OCT 15 TH TO OCT 22 ND 2020	
17.	SENSOR NETWORK AND IoT IMPLEMENTATION USING OPEN SOURCE SIMULATOR	KONGU ENGG COLLEGE, ERODE	AUG 16 TH AND 17 TH 2019	
18.	DEVELOPING AND DEPLOYING MACHINE LEARNING AND DEEP LEARNING ALGORITHMS USING MATLAB & SIMULINK	SRI SAIRAM ENGINEERING COLLEGE	03-08-2019	
19.	THREE DAYS WORKSHOP ON INTERNET OF THINGS, DIGITAL SHARK TECHNOLOGY	SRI SAIRAM ENGINEERING COLLEGE	NOV 12 TH TO 14 TH 2018	

	20.	TWO DAYS NATIONAL WORKSHOP ON R & D ISSUES	ADHIPARASAKTHI COLLEGE OF ENGINEERING,MELMARUVATH UR	20 TH &21 ST NOV 2013
	21.	TWO DAYS WORKSHOP ON WSN AND GREEN COMPUTING	VELAMMAL ENGINEERING COLLEGE	12 ST &13 TH NOV 2013
	22.	2 DAYS WORKSHOP ON NS2	MIT CAMPUS ANNA UNIVERSITY	29 TH & 30 TH JAN 2013
	23.	RESEARCH CHALLENGES IN MIMO OFDM WIRELESS SYSTEMS	ADHIPARASAKTHI COLLEGE OF ENGINEERING,MELMARUVATH UR	9 TH FEB2012
	24.	WIRELESS SENSOR NETWORKS APPLICATIONS AND CHALLENGES	PRATHYUSHA INSTITUTE OF TECHNOLOGY & MANAGEMENT	11 TH &12 TH OF NOVEMBER 2011
	25.	RFID & SENSOR NETWORKS APPLICATIONS	VELAMMAL ENGINEERING COLLEGE,CHENNAI	4 TH &5 TH JULY 2011
	26.	NATIONAL WORKSHOP ON WIRELESS COMMUNICATION AND RADIATING SYSTEMS	SRI SAIRAM ENGINEERING COLLEGE	21 ST &22 ND MARCH 2011
	27.	EDA TOOLS FOR VLSI AND SIGNAL PROCESSING	SSN COLLEGE OF ENGINEERING	15 TH NOV TO 18 TH NOV 2010
	28.	CURRENT TRENDS IN SIGNAL /IMAGE PROCESSING	SARANATHAN COLLEGE OF ENGINEERING,TRICHIRAPALLI.	17 TH ,18 TH JUNE 2010
	29.	FPGA BASED EMBEDDED PROCESSOR OVERVIEW	CEG CAMPUS ANNA UNIVERSITY	7 TH MAY 2008
	30.	NATIONAL WORKSHOP ON 'RECENT TRENDS IN WIRELESS INFORMATION NETWORK AND SYSTEM'	SRI SAIRAM ENGINEERING COLLEGE	1 ST FEBRUARY 2008
	31.	WORKSHOP ON MATLAB AND ITS APPLICATIONS	SRISAIRAM ENGINEERING COLLEGE	26 TH TO 29 TH JUNE 2007
	32.	WORKSHOP ON NETWORKS & SECURITY	SRISAIRAM ENGINEERING COLLEGE	22 ND SEPTEMBER 2006
	33.	RECENT TRENDS IN COMMUNICATION ENGINEERING (SSRTCE)	SHANMUGHA COLLEGE OF ENGINEERING-TRICHY	8 TH MAY TO 21 ST MAY 2000
FDP Details:	Sl. No.	Title	Venue	Month/Year
	1.	LATEST TEST IN VLSI DEVICES,CIRCUIT AND TOOLS	NATIONAL INSTITUTE OF TECHNOLOGY DELHI	19-09-2022 TO 24-09-2022
	2.	ANTENNA DESIGN USING SOFT COMPUTING ALGORITHM	NITTTR CHANDIGARH	25-07-2022 TO 29-07-2022
	3.	DEEP LEARNING AND ITS APPLICATION	SRI SAIRAM ENGINEERING COLLEGE/AI&DS	11-07-2022 TO 15-07-2022
	4.	PRINCIPLES OF SIGNAL ESTIMATION FOR MIMO OFDM WIRELESS COMMUNICATION	NPTTEL ONLINE	JULY TO OCT 2022

5.	5 DAYS ATAL FDP ON 6G WIRELESS COMMUNICATION	IIT DHARWAD	20-12-2021 to 24-12-2021
6.	5 DAYS ATAL FDP ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	IIT RAIPUR	4-10-2021 TO 8-10-2021
7.	5DAYS ATAL FDP ON PREDICTIVE MODELLING USING DATA –SCIENCE TECHNIQUES	IIT GUWAHATI	06-09-2021 TO 10-09-2021
8.	5 DAYS FDP ON RECENT ADVANCES IN ANTENNAS FOR WIRELESS COMMUNICATIONS	BAPATLA ENGINEERING COLLEGE,ANDHRA PRADESH	27-07-2021 TO 31-07-2021
9.	WEBINAR ON INTRODUCTION TO DEEP LEARNING FOR PROCESSING AND ANALYSIS OF X-RAY IMAGING DATA	SCIENCE & HUMANITIES /SRI SAI RAM ENGINEERING COLLEGE CHENNAI	14-07-2021
10.	INTERNATIONAL WORKSHOP ON "NATURAL INSPIRED COMPUTING APPLIED TO ENGINEERING"	IEEE CIS MADRAS CHAPTER IN ASSOCIATION WITH SRI SAIRAM ENGINEERING COLLEGE	23-07-2021 to 26-07-2021
11.	INNOVATION AMBASSADOR (IA) TRAINING PROGRAM	MINISTRY OF EDUCATION'S INNOVATION CELL AND AICTE	30-06-2021 TO 31-07-2021
12.	5 DAYS VIRTUAL FDP ON RESEARCH PERSPECTIVES ON DATA SCIENCE	DEPT OF IT / SRI SAI RAM ENGINEERING COLLEGE	28-06-2021 TO 02-07-2021
13.	FDP on "DSP Builder, AI, FPGA Accelerator using Intel FPGA	VIT CHENNAI	25-06-2021 TO 26-06-2021
14.	TWO-DAY FDP ON ADVANCES IN PHOTONICS AND FIBER OPTICS TECHNOLOGIES	IETE PHOTONIC SOCIETY MADRAS	21-06-2021 TO 22-06-2021
15.	6 DAYS FDP ON MACHINE LEARNING TECHNIQUES.	SRI SAI RAM ENGINEERING COLLEGE/ECE	07-06-2021 TO 12-06-2021
16.	5 DAYS FDP ON OPEN SOURCE TOOL; FOR DATA ANALYTICS	SRI SAI RAM ENGINEERING COLLEGE/CSE	24-05 2021 TO 28-05-2021
17.	5 DAYS AICTE WORKSHOP ON INCULCATING UNIVERSAL HUMAN VALUES ON TECHNICAL EDUCATION	AICTE ONLINE	17-05-2021 TO 21-05-2021
18.	TWO WEEKS STTP ON EMERGING TRENDS AND CHALLENGES IN VLSI MIXED SIGNAL PROCESSING FOR FOURTH INDUSTRIAL REVOLUTION	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	01.03.2021 TO 13.03.2021
19.	SSTP ON AUV & SMART SYSTEMS	DEPT OF ECE/SSN COLLEGE OF ENGINEERING	29-01-2021 TO 30-01-2021

20.	ATAL FDP ON ARTIFICIAL INTELLIGENCE FOR ROBOTICS	K. RAMAKRISHNAN COLLEGE OF ENGINEERING, TRICHY	18-01-2021 TO 22-01-2021
21.	STTP ON AUGMENTED REALITY AND VIRTUAL REALITY	IFET COLLEGE OF ENGINEERING VILLUPURAM	14-12-2020 TO 30-12-2020
22.	AICTE SPONSORED STTP ON COOJA NETWORK SIMULATOR	IFET COLLEGE OF ENGINEERING VILLUPURAM	7-12-2020 TO 12-12-2020
23.	ATAL FDP ON ARTIFICIAL INTELLIGENCE FOR ROBOTICS	SRISAIRAM ENGINEERING COLLEGE	7-12-2020 TO 11-12-2020
24.	PERSPECTIVE IN MACHINE INTELLIGENCE AND COMPUTING	SAIRAM INSTITUTE OF ENGINEERING	27-10-2020 TO 31-10-2020
25.	ATAL FDP ON ARTIFICIAL INTELLIGENCE	INDIAN INSTITUTE OF TECHNOLOGY,PATNA	19-10-2020 TO 23-10-2020
26.	ATAL FDP ON ELECTRICAL AND COMPUTER ENGINEERING – MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,KOTTAYAM	4-11-2020 TO 8-11-2020
27.	MATLAB AND OPTIMIZATION TECHNIQUES FOR RESEARCHERS	CHRIST UNIVERSITY,BANGALORE	28-11-2020
28.	REMOTE SENSING APPLICATIONS IN AGRICULTURAL WATER MANAGEMENT	Indian Institute of Remote Sensing, Dehradun	03-08-2020 to 07-08-2020
29.	AICTE RECOGNIZED FACULTY DEVELOPMENT PROGRAMME	LOW POWER VLSI DESIGN	20-04-2020 TO 24-04-2020
30.	IPR, ENTREPRENEURSHIP, AND START-UPS AMONG HEIS	IIC ONLINE SESSION	28 TH APRIL TO 22 ND MAY 2020
31.	AICTE RECOGNIZED FACULTY DEVELOPMENT PROGRAMME	WELLNESS AND STRESS MANAGEMENT DURING THE PANDEMIC	27-04-20 TO 01-05-20
32.	AICTE RECOGNIZED FACULTY DEVELOPMENT PROGRAMME	COMMUNICATION AND PRESENTATION SKILLS	18-05-20 TO 22-05-20
33.	AICTE RECOGNIZED FACULTY DEVELOPMENT PROGRAMME	RESEARCH TRENDS IN VLSI DESIGN	25-05-20 TO 29-05-20
34.	AICTE RECOGNIZED FACULTY DEVELOPMENT PROGRAMME	IMAGE AND EMBEDDED PROCESSING	11-05-20 TO 15-05-20
35.	SMART PERSPECTIVE OF IOT ON 5G COMMUNICATION-PRACTICAL APPROACH	PANIMALAR ENGINEERING COLLEGE	8-11-19 TO 21-11-2019
36.	FDP ON MACHINE LEARNING AND DATA MANIPULATION USING R AND SQL	SRI SAIRAM ENGINEERING COLLEGE CHENNAI	30.10.2019 to 06.11.2019
37.	FDP ON ENGINEERING TEACHING PEDAGOGY AND EFFECTIVE LEARNING PROCESS	SRI SAIRAM ENGINEERING COLLEGE CHENNAI	3 rd to 7 th Dec 2018
38.	NATIONAL LEVEL FDP ON ROLE OF ACADEMIC EXCELLENCE IN DEVELOPMENT WORLD	SRI SAIRAM ENGINEERING COLLEGE CHENNAI	12 TH DECEMBER 2012

		CLASS HIGHER LEARNING INSTITUTION AND FACULTIES		
	39.	STAFF DEVELOPMENT PROGRAM RECENT DEVELOPMENTS IN COMPUTING	SRI SAIRAM ENGINEERING COLLEGE	26 TH APRIL 2010
	40.	RESEARCH CHALLENGES IN WIRELESS SENSOR NETWORKS (RCWSN)	ANNA UNIVERSITY ,MIT CAMPUS	3 RD MARCH 2010
	41.	ART OF JOURNAL AND THESIS WRITING	SRI SAIRAM ENGINEERING COLLEGE	19 TH JANUARY 2012
	42.	STAFF DEVELOPMENT PROGRAMME ON INSTRUCTIONAL DESIGN & DELIVERY	SRI SAIRAM ENGINEERING COLLEGE	12 TH MAY 2008
	43.	INDUCTION TRAINING PROGRAM FOR YOUNG TEACHERS	SHANMUGHA COLLEGE OF ENGINEERING-TRICHY	1 ST NOVEMBER TO 17 TH NOVEMBER 2000
Conference Details: International & National conference	Sl. No.	Title	Venue	Month/Year
	1.	RASPBERRY PI BASED AUTOMATED AUTHENTICATION AND MONITORING SYSTEM FOR THE EXAMINATION CENTERS	INTERNATIONAL CONFERENCE ON POWER, ENERGY, CONTROL AND TRANSMISSION SYSTEMS-2022 (ICPECTS- 2022)	DEC 8 th & 9 th 2022 Selected as best paper
	2.	AUTONOMOUS GUIDED VEHICLE FOR INDUSTRIAL AUTOMATION	INTERNATIONAL CONFERENCE ON BIO NEURO INFORMATICS MODELS AND ALGORITHMS 2022- ICBNA 2022 –SYMBIOSIS STAE UNIVERSITY	JUNE 20 ,21 2022
	3.	A SURVEY ON DETECTION OF DIABETIC RETINOPATHY LESIONS USING DEEP LEARNING	IC3IOT 2022 SRI SAI RAM ENGG COLLEGE,DEPT OF ECE,CHENNAI	10,11 MARCH 2022 https://ieeexplore.ieee.org/document/9767907
	4.	A COMPREHENSIVE REVIEW OF EARLY DETECTION OF ORAL CANCER USING DEEP LEARNING	IC3IOT 2022 SRI SAI RAM ENGG COLLEGE,DEPT OF ECE,CHENNAI	10,11 MARCH 2022 https://ieeexplore.ieee.org/document/9767966
	5.	RASPBERRY PI BASED CROP AND WEED CLASSIFICATION USING MACHINE LEARNING ALGORITHM	4 TH ICOFA INTERNATIONAL CONFERENCE ON FOOD AND AGRICULTURE POLITEKNIK NEGERI JEMBER INDONESIA.	6 TH 7 TH NOVEMBER 2021 https://iopscience.iop.org/issue/1755-1315/980/1
	6.	INSTALLATION OF AUTOMATED SERICULTURE FUNCTIONAL UNIT IN RURAL AREA	4 TH INTERNATIONAL CONFERENCE ON COMPUTING AND COMMUNICATION TECHNOLOGIES (ICCT'21) , DEPARTMENT OF IT SRI SAI RAM ENGINEERING COLLEGE CHENNAI	16 TH ,17 TH DEC 2021 https://ieeexplore.ieee.org/document/9711911
	7.	INTELLIGENT FARMING USING DELTA ROBOT	ICPECT 2020, DEPARTMENT OF EEE, SRI SAI RAM ENGINEERING COLLEGE	DEC 10-11 2020- IEEE – DIGITAL LIBRARY- SCOPUS https://ieeexplore.ieee.org/document/9337002
	8.	IMPLEMENTATION OF ANTI PILFERAGE AND ANTI LEAKAGE SYSTEM FOR FUEL TANKERS DOI: 10.1109/ICDCS48716.2020.243553	5 th IEEE International Conference on Devices, Circuits and Systems (ICDCS'2020) Karunya Institute of Technology and Sciences	March 5 th and 6 th 2020- IEEE –DIGITAL LIBRARY- SCOPUS

9.	AUGUMENTED REALITY BASED RESTAURANTS	IC3IOT 2020 Sri Sairam Engineering College	Feb 20-22, 2020-
10.	PEST AND WEED REMOVAL USING DELTA ROBOT	IC3IOT 2020 Sri Sairam Engineering College	Feb 20-22, 2020
11.	AUTOMATIC SHOPPING TROLLEY	IC3IOT 2020 Sri Sairam Engineering College	Feb 20-22, 2020
12.	LOCO LOAD TEST REUSER	IC3IOT 2020 Sri Sairam Engineering College	Feb 20-22, 2020
13.	ANTIPIRFERAGE AND ANTI LEAKAGE SYSTEM FOR FUEL TANKER	IC3IOT 2020 Sri Sairam Engineering College	Feb 20-22, 2020
14.	ANTIPIRFERAGE AND ANTI LEAKAGE SYSTEM FOR FUEL TANKER	Sri Sairam Engineering College, IETE zonal seminar	September 28 th and 29 th 2019
15.	PLASTIC WASTE MANAGEMENT	St. Joseph college of Engineering 2 nd International conference on Information, Embedded and Communication systems ICIECS-2019	22 nd March 2019
16.	SMALL SCALE FARMING USING AI	National Conference on Smart Innovations in Communication and Computing NCSICC'19, Sri Sai Ram Engineering College, Chennai	5 th March 2019
17.	AUTOMATIC CHARGING OF MULTIPLE SMART PHONES USING LIGHT BEAM	Manakula Vinayagar Institute of Technology, Puducherry International conference on systems, Computation, Automation and Networking.	6 th and 7 th July 2018- IEEE –DIGITAL LIBRARY-SCOPUS
18.	SEMI-AUTONOMOUS RAIL RIFT REVEALER	Karpagam College of Engineering, Coimbatore	22 nd March 2018
19.	A MEDICATION SELF-MANAGEMENT SYSTEM WITH REAL-TIME HEALTH MONITORING	Sri SaiRam Engineering College, Chennai National Conference on Smart Innovations in Communications and Computing(NCSICC '18)	27 th March 2018
20.	AUTOMATIC GAS CONTROLLER	Sri SaiRam Engineering College, Chennai, (ICBWT 2018)	15 th to 17 th Feb 2018- IEEE –DIGITAL LIBRARY-SCOPUS
21.	ON AN EFFORT TO ENHANCE LIFETIME OF A REGRESSION BASED CLUSTERED NETWORK USING CANDIDATE SELECTION	International Conference on Trends in Electronics and Informatics, ICEI 2017 SCAD College of Engineering and Technology, Tirunelveli	11 th May 2017- IEEE – DIGITAL LIBRARY-SCOPUS

22.	ADAPTIVE CLUSTERING FOR ENHANCEMENT OF THROUGHPUT IN A DISTRIBUTED WIRELESS SENSOR NETWORK	Karpagam College of Engineering, Coimbatore	18 th March,2017
23.	COVERAGE ENHANCEMENT USING FUZZY LOGIC IN A DISTRIBUTED WIRELESS SENSOR NETWORK	Sri SaiRam Engineering College, Chennai	24 th February 2017 IEEE –DIGITAL LIBRARY-SCOPUS
24.	REGRESSION BASED CLUSTER FORMATION FOR ENHANCEMENT OF LIFETIME OF WSN	Sri SaiRam Engineering College, Chennai	24 th February 2017, IEEE –DIGITAL LIBRARY-SCOPUS
25.	PERFORMANCE IMPROVEMENT OF CLUSTERED NETWORK THROUGH DATA REPLICATION AND SECONDARY CLUSTER HEAD SELECTION	Karpagam College of Engineering, Coimbatore	18 th March,2017
26.	LOCATION FREE APPROACH FOR COVERAGE VERIFICATION IN DISTRIBUTED WIRELESS SENSOR NETWORK.	KARPAGAM COLLEGE OF ENGINEERING,COIMBATORE	19 TH MARCH 2015
27.	MODIFIED COVERAGE HOLE DETECTION ALGORITHM FOR DISTRIBUTED WIRELESS SENSOR NETWORK “ON.	INTERNATIONAL CONFERENCE ON ADVANCES IN RECENT TECHNOLOGIES IN ELECTRICAL AND ELECTRONICS ARTEE 2013	SEP 20 TH 2013 BANGALORE ,INDIA - SCOPUS
28.	DESIGN AND IMPLEMENTATION OF AN USER FRIENDLY ROBOT FOR INDUSTRIAL APPLICATION	INTERNATIONAL CONFERENCE ON BROADBAND AND WIRELESS COMMUNICATION	JUNE 23 RD – 24 TH , 2016.
29.	AUTOMATIC LED SOLAR POWERED STREET LIGHT CONTROL BASED ON CLIMATIC CONDITIONS ANDVEHICULAR MOVEMENT	INTERNATIONAL CONFERENCE ONCOMPUTER AND COMMUNICATIONSYSTEMS-2016(ICCCS-2016) SRI VENKATESWARAA COLLEGE OF TECHNOLOGY, SRIPERUMBUDUR, CHENNAI	4 th 5 th March 2016
30.	DESIGN AND IMPLEMENTATION OF APPLICATION SOFTWARE FOR USER FRIENDLY OPERATION OF INDUSTRIAL ROBOT	INTERNATIONAL CONFERENCE ONCOMPUTER AND COMMUNICATIONSYSTEMS-2016(ICCCS-2016) SRI VENKATESWARAA COLLEGE OF TECHNOLOGY, SRIPERUMBUDUR, CHENNAI	4 th ,5 th March 2016
31.	A SOLUTION TO ENERGY HOLE PROBLEM IN WIRELESS SENSOR NETWORKS USING WITRICITY	INTERNATIONAL CONFERENCE ON INFORMATION & COMMUNICATION & EMBEDDED SYSTEMS (ICICES 2014),ISBN. NO.978-1-4799-3834-6/14/\$31.00©2014 IEEE	27 TH AND 28 TH FEBRUARY 2014 - IEEE –DIGITAL LIBRARY-SCOPUS

32.	VISION BASED POSITIONING SYSTEM FOR COVERAGE CONTROL IN MIXED WSN	NATIONAL CONFERENCE ON ADVANCED COMMUNICATION AND COMPUTING TECHNIQUES – NCACCT'14 SRI SAIRAM ENGINEERING COLLEGE,CHENNAI.	17 th April 2014.
33.	VISION BASED POSITIONING SYSTEM FOR COVERAGE CONTROL IN MIXED WSN	NATIONAL CONFERENCE ON VLSI, EMBEDDED, COMMUNICATION AND NETWORKS, VECAN`2014	2014
34.	A Solution to Energy Hole Problem In Wireless Sensor Networks Using WITRICITY	NATIONAL CONFERENCE ON ADVANCED COMMUNICATION AND COMPUTING TECHNIQUES SRI SAIRAM ENGINEERING COLLEGE'	18 th and 19 th March 2013
35.	INTELLIGENT SYSTEM MANAGEMENT USING POWER LINE CARRIER COMMUNICATION TECHNOLOGY),	NATIONAL CONFERENCE ON ADVANCED TELECOMMUNICATION AND TECHNOLOGIES(NCATT'12)K.S.R COLLEGE OF ENGINEERING ,TIRUCHENGODE.	2012
36.	MICROBIAL FUEL CELLS POWERED ADAPTIVE WIRELESS SENSOR NETWORK FOR WASTEWATER TREATMENT PLANTS"	ICISC'13 AT SRI SAIRAM ENGINEERING COLLEGE .	4 TH OF JANUARY 2013.
37.	SECURED WIRELESS MONITORING SYSTEM FOR INDUSTRIAL AUTOMATION AND CONTROL"	RECENT ADVANCEMENT AND CHALLENGES IN ELECTRICAL ENGINEERING AND APPLICATIONS "AT IRTT ERODE	29 TH FEBRUARY 2012
38.	SECURED WIRELESS MONITORING SYSTEM FOR INDUSTRIAL AUTOMATION AND CONTROL"	MEPCO SCHLENK ENGINEERING COLLEGE ,SIVAKASI	2 ND MARCH 2012.
39.	SECURED WIRELESS MONITORING SYSTEM FOR INDUSTRIAL AUTOMATION AND CONTROL"	NCETICIT'12 SRI SAIRAM ENGINEERING COLLEGE.	1 ST & 2 ND OF MARCH 2012
40.	APPROACHES TO ITERATIVE SPEECH FEATURE ENHANCEMENT AND RECOGNITION USING HMM AND MODIFIED HMM-	NATIONAL CONFERENCE 'ITECH 2011' AT SONA COLLEGE OF TECHNOLOGY, SALEM.	2011
41.	APPROACHES TO ITERATIVE SPEECH FEATURE ENHANCEMENT AND RECOGNITION USING HMM AND MODIFIED HMM	NATIONAL CONFERENCE NCERET'11 AT BHAJARANG ENGINEERING COLLEGE ,TIRUVALLUR.	2011
42.	QUADRATIC WEIGHTED MEDIAN FILTER FOR EDGE ENHANCEMENT OF NOISY IMAGES 4 TH NATIONAL CONFERENCE ON SIGNALS SYSTEM AND COMMUNICATION(NCSSC'08)	CEG CAMPUS ANNA UNIVERSITY	8 TH AND 9 TH MAY 2008

	43.	NATIONAL CONFERENCE ON BIO MEDICAL ELECTRONICS & BIO MEDICAL INFORMATICS(NCBEBI09)	SRI SAIRAM ENGINEERING COLLEGE	5 th & 6 th FEBRUARY 2008
	44.	ATTENDED 5 TH ANNUAL CONVENTION OF ISTE E-GOVERNANCE IN EDUCATIONAL PERSPECTIVE	PERIYAR MANIYAMMAI COLLEGE OF ENGINEERING	12 TH OCTOBER 2002
	45.	INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING, INFORMATION AND COMMUNICATION TECHNOLOGY(ICICT 09)	SRI SAIRAM ENGINEERING COLLEGE	16 th to 18 th DEC,2009

Journal Details:	Sl. No.	Title	Journal Name	Volume/ Date	Indexing
	1.	Location Free Approach for Coverage verification in Distributed Wireless Sensor Network.	International Journal of Applied Engineering Research	ISSN 0973-4562 Vol. 10 No.20 (2015)	Scopus
	2.	“Modified Coverage Hole Detection Algorithm for Distributed Wireless Sensor Network	Book series-Lecture Series in Computer Science,Elseviers - https://www.springer.com/gp/computer-science/lncs	ISSN NO.2214-1464,IDES,03.L SCS.2013.5.32	Scopus
	3.	Microbial Fuel Cells Powered Adaptive Wireless Sensor Network for Wastewater Treatment Plants”	International Journal of Emerging Technology and Advanced Engineering	ISSN 2250–2459,Online, An ISO 9001:2008 Certified Journal,IJETAE /Certificate/Volume3/SII/ ICISC-2013/90	Google Scholar
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	8.	Performance Improvement of Clustered network through data replication and secondary cluster head selection	Pak. J. Biotechnol	vol. 14 issue II, pp. 134-138.	Scopus, Google Scholar
	9.	Adaptive Clustering For Enhancement of throughput in a Distributed Wireless Sensor Network	Pak. J. Biotechnol	vol. 14 issue II, pp. 142-145	Scopus, Google Scholar
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	13.	Plastic Waste Management	International Journal Of Scientific Research and Review.	Vol 8- Issue-3-2019.ISSN No: 2279-543X	UGC, Google scholar
	14.	A MEDICATION SELF-MANAGEMENT SYSTEM WITH REAL-TIME HEALTH MONITORING	International Journal of Engineering & Technology	Vol 7, No 2.33 (2018) Special Issue 33- DOI: 10.14419/ijet.v7i2.33.14201	Scopus, Google scholar, DRJI

Doctoral scholars

Sl.No	NAME OF THE SCHOLAR	REGISTER NO.	UNIVERSITY	TITLE OF THE RESEARCH WORK
1.	Ms S Premalatha	21224991265 & Jan 2021	Anna University, Chennai	Classification of oral cancer using Hybrid Classifier
2.	Ms K Srividya	21244991321 & Jan 2021	Anna University, Chennai	A Hybrid Algorithm for Detection of Diabetic Retinopathy using CNN

3.	Ms S Saranya	22244991402 & Jan 2022	Anna University, Chennai	Design And Performance Analysis Of Fpga Based Accelerator For CNN In Image Processing Application
4.	Mr Ulaganathan	222941153 & Jan 2022	Anna University, Chennai	Critical Cardiovascular Disease Prediction - Binary and Multiple class using Integrated Machine and Deep Learning Algorithms
5.	Ms Akilandasowmya	July 2022	Anna university Chennai	Facial Micro Emotion Detection and Classification Using Swarm Intelligence Based Modified Convolutional Network