


Name:	 N SHIVAANIVARSHA			
Designation:	ASSOCIATE PROFESSOR DEPARTMENT OF ECE SRI SAIRAM ENGINEERING COLLEGE			
Qualification:	B.E,M.E,(PhD)			
Area of specialization:	APPLIED ELECTRONICS			
Experience : (As On Dec 2020)	Industrial Experience		Teaching Experience	
	9 months		21.1	
Number of workshop / FDP attended:	Number of Workshops		Number of FDPs	
	19		26	
Publications:	Conference		Journal	
	National	International	National	International
	13	15	-	16
Patents:	National		International	
	03		-	
Professional Body Membership:	IETE – M 231947			
	ISTE – LM 131451			

	IEEE- M 98060050
	International Association of Engineers(IAENG)- M 271814
	Institute of Research Engineers and Doctors (IREC) – AM2020112805
	Institute for Engineering Research and Publication(IFERP)- PMIN25371649

**Staff
Achievements
:**

- Department Time Table Coordinator
- Certified ISO Auditor
- Department NBA Criteria 5 Coordinator
- **National Conference Coordinator** for the conference conducted in the year **2014**.
- Department **Symposium Coordinator** in the year **2015**.
- Entrepreneurship Awareness Camp Coordinator for the **EAC-2016**.
- Completed NPTEL Course on **Integrated Circuits, MOSFETS, Op-Amp and their Applications** with **ELITE** certification
- Completed NPTEL Course on **Fabrication Techniques for MEMS-based Sensors: Clinical Perspective** with **TOP 1% ELITE** certification
- Completed NPTEL Course on **Outcome Based Pedagogic Principles for Effective Teaching** with **ELITE** certification
- Completed NPTEL Course on **Electronic Systems for Cancer Diagnosis** with **ELITE** certification
- Completed NPTEL Course on **Introduction to Internet of Things** with **GOLD - ELITE** certification
- Completed NPTEL Course on **Cloud Computing**.
- Completed NPTEL Course on **NBA Accreditation and Teaching – Learning in Engineering**.
- Coordinator for the Workshop on **Sensor Network Platform and Tools** Conducted on 24.10.20
- Completed NPTEL Course on **Sensors and Actuators-April-2021**.
- Completed NITTTR Module 7 on **Creative problem solving ,innovation and meaningful R&D** - Sep-2021.
- Attended Faculty Industrial Training Program at **I.P.L.**

Workshop Details:	Sl. No.	Title	Venue	Month/Year
	1	Academic for excellence.	MNM Jain Engineering College	22 July 2006
	2	Recent Trends in Wireless Information Networks and System	Sri Sairam Engineering College	1 st February 2008
	3	High Speed Digital Design and Testing	MIT Campus	23 rd October 2009
	4	Research Methodologies in next generation wireless network using opnet	Sri Sairam Engineering College	19.08.2010 to 21.08.2010
	5	Next generation wireless networks	IE(I),Chennai	5 th March 2011
	6	Quality management System and Audit training	Sri Sairam Engineering College	11 th Oct & 12 th Oct -2011
	7	Wireless Communication and Radiating Systems	Sri Sairam Engineering College	21 st & 22 nd March 2011
	8	OPNET Simulator	Sri Sairam Engineering College	21 st March 2012
	9	MEMS technology and its Applications	Raja Lakshmi Engineering College	28 th and 29 th March 2012
	10	Entrepreneurship Summit	Sri Sairam Engineering College	8 th -10 th – January 2013
	11	Embedded system application using ARM	VIT,Chennai	13 th December, 2013

	12	Training on Quality Management System and Audit training	Sri Sairam Engineering College	8 th June 2018
	13	Rapid Prototyping -IOT and Embedded System Design	Sri Sairam Engineering College	12 th to 14 th November 2018
	14	Leadership Talk-Series	MHRD's Innovation Cell	16 th may 2020
	15	Micro Fluidic Technology and its application for Viral Diagnosis	Rajalakshmi Engineering College	21 st May 2020
	16	Accelerating Industry 4.0 - A Post Covid Paradigm	ICT Academy	27 th May 2020
	17	Leadership Talk-Series	MHRD's Innovation Cell	30 th May 2020
	18	Leadership Talk-Series	MHRD's Innovation Cell	13 th June 2020
	19	Leadership Talk-Series	MHRD's Innovation Cell	20 th June 2020
FDP Details:	Sl. No.	Title	Venue	Month/Year
	1	VHDL Programming	Sri Sairam Engineering College	6 th march 2010
	2	Work Life Balance for Engineering and Management Faculty	Sri Sairam Engineering College	16 th February 2012 to 22 nd February 2012
	3	MAT LAB Applications in Electrical Engineering	Sri Sairam Engineering College	7 th March 2012

	4	World class Higher learning Institutions and Faculties	Sri Sairam Engineering College	12 th December 2012
	5	Embedded systems with ARM 7 microcontrollers	Pantech Proed Pvt ltd	25 th & 26 th June,2015
	6	Internal faculty training program on Python programming	Sri Sairam Engineering College	30.10.17 to 06.11.17
	7	Entrepreneurship Career Development Program	Sri Sairam Engineering College	08.04.19-12.04.19
	8	FDP on Fabrication Techniques for MEMS based Sensors: Clinical Perspective	NPTEL	Jul – Oct 2018
	9	FDP on Outcome Based Pedagogic Principles for Effective Teaching	NPTEL	Aug- Sep 2018
	10	IIC Online Sessions	MHRD's Innovation Cell	28 th April-22 nd May-2020
	11	9 Hours FDP on Digital Marketing	ICT Academy	6 th May to 12 th May - 2020
	12	ATAL FDP on Cybersecurity	NITTR, Chandigarh	28 th may – 1 st June 2020
	13	STTP on Deep Learning Applications	SVCE,Sriperu mbudur	19 th to 23 rd Oct - 2020
	14	ATAL FDP on Wearable Devices	College of Engineering Pune.	21 st Sep to 25 th Sep
	15	STTP on Recent Trends in wireless communication using IOT	Vidya Jyothi Institute of technology, Hyderabad	9 th Nov to 16 th Nov -2020

	16	ATAL FDP on Artificial Intelligence	CSIR-Advanced Materials and Processes research Institute, Bhopal.	16 th Nov-20 to 20 th Nov-20
	17	ATAL FDP on IOT	IIIT,Kottayam	7 th Dec-20 to 11 th Dec-20
	18	STTP on Evolution of RF electromagnetics from microwave to MM wave technologies	VJTI,Mumbai	19 th Dec '20 to 23 rd Dec'20
	19	ATAL FDP on Sensor Technology	SRMIST,Chennai	4 th Jan -21 to 8 th Jan -21
	20	ATAL FDP on Bio medical and health care applications	Gautam buddha University, Noida	21st Jun -21 to 25 th Jun 21
	21	ATAL FDP on AI and IOT	KGiSL Institute of Tech, Coimbatore	7th Jun-21 to 11th Jun -21
	22	ATAL FDP on Medical Image processing and 3d applications	University college of Engineering, Pune	5th Jul-21 to 9th Jul -21
	23	FDP on Deep learning foundations and applications	VIT,Chennai	5th -July-21to 14th Jul -21
	24	Faculty Development Programme on Artificial Intelligence for Real Time Applications	Mepco Schlenk Engineering College	25 - 29 April, 2022.
	25	Faculty Development Programme on Exploring AR/VR tools using unity tool.	Sri Sai ram Institute of technology	11-15 july-2022

	26	Faculty Development Programme on Signal processing ,AI and ML in biomedical engineering	SSN,Chennai	16-18 Nov 2022
International Conference Details:	Sl. No.	Title	Venue	Month/Year
	1	Performance Analysis of Adaptive switching between STBC and SFBC for MIMO-OFDM system	International Conference-Sun College of Engineering and Technology	March 2011
	2	A low power OFDM system based on Memory less FFT/IFFT Processor	International Conference - Maria College of Engg	8 th & 9 th Mar 2012
	3	Wireless Tele monitoring of Wearable device for recording bio potentials using Embedded systems	International Conference - Adhiparasakthi College of Engineering	3 rd to 5 th April 2013
	4	Robotic ARM Controller	International Conference-JKK Nataraja College of Engg	7-8 Mar 2014
	5	Real time Monitoring of Respiratory parameters using wireless portable system	International Conference-Jawahar engineering college	5 th April 2015
	6	Design and Implementation of Home brew Ham radio	International Conference-AdhiParasakthi College of Engineering.	20 th -21 st April 2016

	7	A Design Of Firefighting And Supervising Self-Sufficient Robots	International Conference - Jeppiaar Engineering College.	23 rd – 24 th March 2017
	8	Fabrication of E-Nose Sensor for detection of Butane Gas using Nano Porous silicon	International Conference - Sri Sairam Engineering College	21 st -22 nd Feb 2019
	9	A Novel Approach for Monitoring RoadWay Surface using CNN Classifier	International Conference - Sri Sairam Engineering College	10 th to 11 th Dec '20
	10	Computational Theory based non invasive biometric finger vein pattern extraction and authentication for electoral system.	International Conference ,SRM Valliammai Engineering College	10th April - 2021
	11	Block chain in Food Supply chain	International Conference ,IETE Chennai	4th - 5th Jun - 2021
	12	A deep learning neural network model for predicting and forecasting the Cryptocurrency -Dogecoin using LSTM algorithm	Virtual International Conference on Futuristic technologies VICFCNT 2021, Chennai,VIT	10-11-Dec 2021
	13	Interactive Chatbot for space science using Augmented reality - an educational Resource.	VICFCNT 2021, Chennai,VIT	10-11-Dec 2021

	14	An Efficient Design and implementation of High-speed Booth Multiplier using Shift Opt Algorithm	International Conference ,ICCST 22 ,Sri Sairam Engg Collge	9-10 Nov 2022
	15	Design of High Energy Efficient Eco-Friendly Low-Cost Hybrid Auto	International Conference - Sri Sairam Engineering College	8-9 Dec 2022
National Conference Details:	Sl. No.	Title	Venue	Month/Year
	1	Inter vehicular critical message assist using an integrated embedded system through Zigbee	NCRAEEA'12 -IRTT,Erode	29 th Feb & 1 st Mar 2012
	2	Integrated Embedded System for inter vehicular communication.	NCETCIT-Sri Sairam Engineering College	2 nd March 2012
	3	Next Generation E-voting System Haptic Touch Screen Interface	NCETCIT-Sri Sairam Engineering College	1 st & 2 nd March 2012
	4	Integrated Embedded System for inter vehicular communication.	NCCT'12-Mepco Schlenk Engineering College	2 nd March 2012
	5	A low power OFDM system based on Memory less FFT/IFFT Processor	NCVLSI'12-Velammal Engineering College	16 th March 2012
	6	Wireless Tele monitoring of Wearable device for recording bio potentials using Embedded systems	SDIP'13-PSNA College of Engg and Tech	22nd Mar 2013

	7	Real time Monitoring of Respiratory parameters using wireless portable system	St. Joseph College of Engineering	20 th March 2015
	8	Multipower Generation from Railway Traction System with energy conservation	MNM engineering College	28 th -29 th April 2017
	9	Smart Voting using Finger Vein Extraction and Authentication	Sri Sairam Engineering College	27 th March 2018
	10	Smart Voting	RMD Engineering College	2 nd April-2018
	11	Secured Food delivery and Monitoring Using Blockchain Algorithm	RMD Engineering College	2 nd April 2019
	12	Interactive chatbot for space science using augmented reality an educational resource	VIT,Chennai	13th Dec 2021
	13	Computer -aided detection of Anti microbial disorders in Solanum lycopersicum leaf and recommendation of Corp using Convnet.	Kumaraguru college of Technology,C oimbatore	21st May 2022

Journal Details:	Sl. No.	Title	Journal Name	Volume/Date
	1	Inter-Vehicular Critical Message Assist Using An Integrated Embedded System Through Zig bee	Embedded systems ,i-manager	Vol.No;02 ,May-July-2012,ISSN-2278-7895
	2	Real time Monitoring of respiratory Parameters using a wireless Portable system.	International journal of Engineering development and research(IJERD).	2014- ISSN: 2321-9939

	3	Robotic Arm Control using Bluetooth Device with an Android Application	International Journal of Engineering Research & Technology (IJERT)	ISSN: 2278-0181 - 2014
	4	Wireless Tele Monitoring of Wearable Device for Recording Bio potentials Using Embedded Terminal Platform	International Journal of System Design and Information Processing	ISSN 2321-0591-2017
	5	To develop an efficient solution for the problem of sharing confidential data in public cloud.	International journal of engineering science Invention research & development.	Vol:III,Issue XII June 2017 e- ISSN:2349-6185
	6	Design & Construction of Supervising and firefighting self-Governing Robots.	Middle East journal of scientific research journal.	Vol:25(4) ISSN:1990-9233-2017
	7	Secured Food Delivery and Monitoring using Block chain Algorithm	Journal of Test Engineering and Management	ISSN: 0193 - 4120 Page No. 14343 – 14349-2020
	8	Smart Relay for Monitoring and Controlling the Systems	International Journal of Engineering Research & Technology	ISSN: 2278-0181 Volume 9, Issue 5
	9	Study and Analysis of the Effective Geometries for the Piezoresistive Pressure Sensors	Turkish Journal of Computer and Mathematics Education	Vol.12 No.6(April - 2021), 281-288

	10	Design Of Iot Based Smart Ration Dispensing System Using Load Cell Feedback To Prevent Ration Fraudulence	International journal of creative research thoughts	Vol.9.issue 6. June 2021
	11	Fully Automated Segmentation and Classification of Breast Cancer using Machine Learning Techniques	International Journal Of Scientific Research In Engineering And Management (Ijsrem)	Vol.5.issue 6. June 2021
	12	Design of iot based low cost rodent repelling device using ultrasonic frequency	International Journal Of Scientific Research In Engineering And Management (Ijsrem)	Vol.5.issue 7. July 2021
	13	Computational Theory based non invasive biometric finger vein pattern extraction and authentication for electoral system.	imanager's journal	Vol.8.No.2 July 2021
	14	Autonomous on-site segregation of metals and non metals using a scrap collecting robot.	IEEE Explorer	DOI: 10.1109/IC3IO T53935.2022. 9767861 June 2022
	15	A ConvNet based Real-time Detection and Interpretation of Bovine Disorders	IEEE Explorer	DOI: 10.1109/IC3I OT53935.20 22.9767880 June 2022

	16	Ai Based Web Application for Disease Identification	International Journal of All Research Education and Scientific Methods (IJARESM)	ISSN: 2455-6211 Volume 10, Issue 6, June-2022
Patent Details:	Sl. No.	Title	Journal Name	Appln. No
	1	A Device to peel Fodders Skin	Indian Patent Journal - Published	Nov-2020-202041048978
	2	Floating Bot for monitoring human existence in hydrometeorological disasters	Indian Patent Journal - Published	Dec- 2021-202141054392
	3	Smart Safety Helmet with Face Mask	Indian Patent Journal- Filed	July 2022-367224-001

Additional Details:

GOOGLE SCHOLAR LINK:

<https://scholar.google.com/citations?user=4r0NIqoAAAAJ&hl=en&scioq=shivaanivarscha>

