




Sriram Engineering College

Department of Electrical and Electronics Engineering

Name & Photo :		Mr.P. DEEPAK FRANKLIN 
Designation:		Assistant Professor
Qualification:	UG(Specialization)	B.E (Electronics and Communication Engineering)
	PG(Specialization)	M.E (Embedded System Technologies)
	Ph.D.	Pursuing
Area of Specialization:		Embedded System Technologies
Experience:	Teaching	13 Years 2 Months
Journal Publication (Specify only Numbers)	National	
	International	9
Paper Presentation in Seminar/Conference /Workshop (Specify only numbers)	National	12
	International	6
Participation in (Specify only numbers)	Seminar/Conference /Workshop	58
	SDP/FDP	20

Subjects Handled	Microcontroller & Microprocessor, Circuit Theory, Biomedical Instrumentation, Real Time System, Communication Engineering, Real Time Operating System, Advanced Embedded System, Digital Logic Circuits, Microcontroller based System Design, Electrical Drives & Control, Basic Electrical & Electronics Engineering, Discrete Time and Signal Processing, C Programming & Data Structures, VLSI Design, Electric Circuit Analysis
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Experience Details:

Name and Address of the Institution	Designation	Total No. of Years / Months
Sriram Engineering College, Perumalpattu	Assistant Professor	12 Yrs 2 Months
Sriram Engineering College, Perumalpattu	Lecturer	1 Yrs

Paper Presentation in Conferences/FDP/Workshop/Seminar/Guest Lecture:

S.No	Date	Venue	Event	Title
1	23/2/12	SSN College Of Engineering, Kanchipuram	Workshop	Emerging Direction In Image Processing & Understanding
2	9/5/12	Prathyusha Institute of Technology and Management, Thiruvallur	Workshop	Implementation Of Embedded System Design Using Lab view
3	17/12/12	Prathyusha Institute of Technology and Management, Thiruvallur	Workshop	Recent Advancements In Microwave Engineering
4	1/11/12	Prathyusha Institute of Technology and Management, Thiruvallur	Workshop	Health Care Technology Of Recent Trends In E-Health And M-Health
5	8/2/13	S.A.Engineering College, Avadi	Workshop	RF & Microwave Design Using ADS
6	25/2/13	RMK Engineering College, Gummidipoondi	Conference	Recent Trends In Information Technology
7	18/3/11	K.S.R.College Of Engineering, Thiruchencode	Conference	National Conference On Emerging Trends In Electrical & Electronics Engineering
S.No	Date	Venue	Event	Title
8	24/2/11	Sriram Engineering College,	Conference	Emerging Trends In Biotelematics And Medical Imaging

9	25/10/13	Veltech High Tech Engineering College, Avadi	Workshop	Intelligent Controllers Application To Power System
10	11/4/15	Valliammai Engineering College, Kattankulathur	Conference	Emerging Technologies in Electrical Engineering
11	21/11/14	VIT, Chennai	Workshop	How to write research papers and get published in journals
12	21/04/14	Easwari Engineering College, Chennai	conference	Technological Advancements in power systems & Power Electronics Engineering
13	15/12/14 to 21/12/14	Prathyusha Institute of Technology and Management	FDP	Hands on Training in Labview and Cadence tools
14	4/3/16	Samuel Ginn College of Engineering	Conference	International conference on Global Innovations in Computing technology
15	29/7/16 To 30/7/16	Kongu Engineering College	Workshop	Image Processing and Algorithms and Advanced Intelligent Optimization technique
16	11/11/16 To 12/11/16	Prathyusha Engineering College	Workshop	LabVIEW Applications for Electrical Engineers
17	24/03/17	Sriram Engineering College	Conference	Developments in Automobile and Mechanical Engineering
18	28/4/17	Velrech Dr.RR & Dr.SR University	Conference	Smart GRID, Communication & Internet of Things.
19	4/4/17	RMD Engineering College	Conference	Green Energy

20	4/5/17 To 5/5/17	S.A. Engineering College	Workshop	Power system studies using ETAP & DIgSILENT
21	7/7/17 To 8/7/17	Kongu Engineering College	Workshop	Signal & Image Processing Algorithms using MATLAB for Project Development
22	6/10/17	AMET University	Conference	Innovations and Research in Marine Electrical and Electronics Engineering
23	27/11/17 To 29/11/17	S.A.Engineering College	Workshop	RF Circuits and Antennae Design Using ADS, CST & HFSS
24	4/12/17 To 5/12/17	Anna University, Chennai	Workshop	Introduction to robotics
25	22/1/18 To 23/1/18	SRM Institute of Science & Technology	Project Display	MTS Techathon Maritime Competition 2018
26	10/1/18	Sriram Engineering College	Conference	Cutting Edge technologies in Computing and Communications
27	22/2/18	SSN College of Engineering	Conference	Special focus on Technology and Innovation for SMART Environment
28	7/6/2018	Sri Venkateswara College of Engineering	FDP	Microprocessor and Microcontroller
29	24/8/2018	Kongu Engineering College	Workshop	Fundamental of Machine Learning for Image Processing using MATLAB and PYTHON
30	29/8/2018	S.A .Engineering College	Mini Colloquium	Advancements in photonics and optical networks

31	27/2/2019	Sriram engineering College	Conference	Cutting Edge technologies in Computing & Communications
32	6/7/2019	National Institute of Technical Teachers Training and Research, Chennai	Workshop	Socially Relevant Technical Education: Exploring Cooperation oriented Action
33	4/1/2020	Prathyusha Engineering College	Seminar	Recent trends in Renewable Energy and Grid Integration.
34	6/3/2020	Sriram Engineering College	Conference	Cutting Edge Technologies in Computing & Communication
35	2/5/2020	JK Business School	Webinar	Accessing Research output & its Enhancement
36	16/6/2020	Kumaraguru College of Technology	Webinar	Future Technology tools for Process Automation Tools
37	8/6/2020 to 12/6/2020	NITTTR, Chandigarh	FDP	Programming in MATLAB

38	27/4/2020 to 1/5/2020	NITTTR, Chandigarh	FDP	8051 Microcontroller & its Application
39	1/6/2020 to 5/6/2020	NITTTR, Chandigarh	FDP	Outcome Based Curriculum design
40	21/12/2020 to 25/12/2020	ATAL Academy	FDP	Internet of Things
41	7/12/2020 to 11/12/2020	ATAL Academy	FDP	Machine Learning
42	4/1/2021 to 8/1/2021	ATAL Academy	FDP	Wearable Devices
43	14/6/2021 to 18/6/2021	ATAL Academy	FDP	Robotics and Control
44	28/6/2021 to 2/7/2021	ATAL Academy	FDP	Electric Vehicle Technology
45	17/1/2022 to 21/1/2022	Inderprastha Engineering College, Ghaziabad	FDP	Challenges and Opportunities in Electric Vehicle
46	24/1/2022 to 4/2/2022	NITTTR, Chennai	FDP	MATLAB and LabView Programming for Engineering Applications
47	7/2/2022 to 11/2/2022	NITTTR, Chennai	FDP	Applications in PLC
48	7/3/2022 to 11/3/2022	NITTTR, Chennai	FDP	Solar Power Electronics and Alternate Energy Sources
49	24/2/2022 to 28/2/2022	Poornima College of Engineering, Jaipur	FDP	Artificial Intelligence- N Dimensions: AI Ethics
50	23/2/2022	SSN College of Engineering, Chennai	Conference	A Mesh Networking Based Solution on Power Management

Journal Publication:L

Title	Journal	Vol, No &Pg No.
Survey on Methods of Obtaining Biomedical Parameters from PPG Signal	Turkish Journal of Computer and Mathematics Education	Vol.12 No.10 (2021), 2684-2692
A flexible Dual Winding Impedance Source Inverter for Renewable Energy Systems and Electric Vehicles	International Journal of Innovative Research in Management, Engineering and Technology	Vol.6, issue 4, April 2021
Methods used for Extraction of Vital Parameters	International Journal of Innovative Research in Science, Engineering and technology	Vol 11, Issue2, Feb 2022 1646-1654
Effective power Management in Smart Cities	International Journal of Innovative Research in Science, Engineering and technology	Vol 11, Issue2, Feb 2022 1639-1645
Spectro-Temporal Incorporated Deep Neural Network with Residual Connections for Heart Rate-Based Classification of Photoplethysmogram Signal	NeuroQuantology (Annexure)	Vol 20, Issue No. 8, Pg 449-458, July 2022.
A High-Performance Infrastructure for Remote Sensing Data Applications Using HPC Paradigms	International Journal of Electrical and Electronics Research (Scopus)	Vol 10, Issue No. 2, pg no.394-398, June 2022

Patent:

Academic Year	Description	Authors	Patent Type
EVEN SEM (2022-2023)	A System for Climate Control of Interior Space of a Building Published on 28/3/2023	A.Rajiv/AP/ECE Dr.P.Saravanan/Prof-EEE P.Deepak Franklin/AP/EEE	Copyright (Diary No: 13048/2022-CO/L)

Awards and Achievements:

1. Secured Several Prize for Acquiring 100% result in University examinations
2. Appointed as placement officer and was provided with certificate of appreciation for exemplary work in getting placement opportunities.
3. Secured Elite Certification in NPTEL Online Certification Course on “Digital Circuits” during Jul – Oct 2019 12 weeks course.
4. Secured Runner in Interdepartmental sports event – Cricket.
5. Received Best Faculty Award during the Year 2016-2017.