

Kings College of Engineering

Department of Electrical and Electronics Engineering

Name: Mrs.P.THIRUMAGAL	
Designation :	ASSISTANT PROFESSOR
Qualification :	BE.M.Tech
Area of Specialization :	Electromagnetic Interference,Communication system
Experience :	Teaching :16 Yrs
	Industry:-Nil
No. of workshop/Conferences/ FDP attended :	55
Publication :	Journal National: -01 International:03
	Conference National: 02 International:03
Membership :	The Indian Society for Technical Education (ISTE)
Achievements :	

CONFERENCE PUBLICATIONS

1. **P.Thirumagal, "Design and Implementation of border security system in military field"** International conference on Innovations in Innovative research in power and Energy Engineering (IRPEE-21) at Arasu Engineering College , on 26th March 2021.
2. **P.Thirumagal, "A home environment monitoring design on ARDUINO"** International conference on Intellectual Research in science, Engineering and management (ICIRSEM-2020) at St. Joseph's college of Engineering and technology, on 09th March 2020.
3. **P.Thirumagal "Smart Intelligent security system fo women"** National conference on Emerging Trends in Electronics and Communication Engineering (NCETECE-2019) at Kings College of Engineering, on 15th March 2019.
4. **P.Thirumagal, "Intelligent helmet for under ground mining based on IOT"** National conference on Advanced communication, computing and power systems (NCACCPS 2K'19) at St. Joseph's college of Engineering and technology, on 09th March 2019.
5. **P.Thirumagal, "Smart phone based photoplethysmography for physiotherapy"** National conference on Advanced communication, computing and power systems (NCACCPS 2K'19) at St. Joseph's college of Engineering and technology, on 09th March 2019.
6. **P.Thirumagal "Wheel Inflation maintance device for enabling safety driving"** National conference on Advanced communication, computing and power systems (NCACCPS 2K'18) at St. Joseph's college of Engineering and technology, on 23rd March 2018.
7. **P.Thirumagal "Wheel Inflation maintance device for enabling safety driving"** International conference on Innovations in Engineering (ICIETS 2K'18) at K.Ramakrishna college of Engineering and technology, on 13 and 14 March 2018.
8. **P.Thirumagal "Vision based read and walk aid for visuality impaired people"** International conference on Innovations in Engineering (ICIEST 2K'17) at Christian college of Engineering and technology, on 15 March 2018.
9. **P.Thirumagal "Resource allocation on wireless multicast routing"** National conference on signal processing and VLSI design (NCSPVD 2K'16) at Kings college of Engineering and technology, on 28 March 2016.
10. **P.Thirumagal "Channel reassignment algorithm using wireless networks"** National conference on innovations in electronics,communication & network technology (NCIECNT 2K'14) at Sasurie college of Engineering and technology, on 28 March 2016.

11. **P.Thirumagal “FPGA based SPWM generator for high switching frequency DC\AC Inverters”**International conference on Recent trends in Engineering and management at Indra Ganesan college of Engineering and technology, on 12 April 2014.
12. **P.Thirumagal “FPGA based SPWM generator for high switching frequency DC\AC Inverters”**National conference on Recent trends in Communication and Networking at A.R.J college of Engineering and technology, on 8TH March 2014.
13. **P.Thirumagal “Channel reassignment algorithm using wireless networks”**National conference on Emerging Technologies in Advanced Communication System at Sasurie college of Engineering and technology, on 12th April 2012.

2. Short term Courses / Seminars /FDP/Workshop/Conference Attended:

Sl.No	Title of the event	Organized by	Date	
			From	To
1.	Short term training programme on “Revolutionizing Industrial Digital Transformation through connected Technologies”	Sidharth Institute of Technology.	28.02.2022	04.03.2022
2.	Short term training programme on “Artificial intelligence”	NITTR, Kolkata	14.02.22	18.02.22
3.	Short term training programme on “Refresher course on Design of Analog and Digital Electronics”	NITTR, Kolkata	20.12.21	24.12.21
4.	Short term training programme on “PLC and LABVIEW Programming”	NITTR, Kolkata	06.12.21	10.12.21
5.	Short term training programme on “Solar Photovoltaic System”	NITTR, Kolkata	22.11.21	26.11.21
6.	Short term training programme on “ Microprocessor 8085 & 8086”	NITTR, Kolkata	08.11.21	12.11.21

7.	Short term training programme on “Electrical and Electronic systems for wind and solar”	NITTR, chennai	04.10.21	08.10.21
8.	Short term training programme on “Design thinking and creativity for educators”	ATAL	27.09.21	01.10.21
9.	Short term training programme on “Additive Manufacturing, programming, operation & applications”	ATAL	20.09.21	24.09.21
10.	Short term training programme on “Basic of electrical vehicles”	ATAL	10.09.21	14.09.21
11.	Moodle Learning management system (3 days FDP Spoken tutorial. IIT BOMBAY)	Kaypeeyes College of Engg and Technology	29.04.2020	01.05.2020
12.	Attended Webinar on “University Industry Linkage Different Mechanism”	Audisankara College of Engg and Technology	02.05.2020	
13.	5 days FDP Spoken tutorial.	Dr.N.G.P Institute of Technology	02.05.2020	04.05.2020
14.	5 days FDP Spoken tutorial. IIT BOMBAY	Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engg and Technology	29.04.2020	03.05.2020
15.	Attended online FDP on “Recent Technology 2020” organized by	SRM Institute of Science and Technology, Kattangulathur.	15-05-2020	17-05-2020
16.	Attended webinar on “Emerging opportunities in civil engineering”	Sri venkateshwara college of Technology.	20-05-2020	

17.	Attended webinar on "Regulated and Deregulated energy markets"	Arasu Engineering College.	18-05-2020	
18.	Attended webinar on "Career opportunities and challenges to be faced by Engineering Students post Covid"	St.Joseph's college of Engineering and Technology.	17-05-2020	
19.	Attended webinar on "PLC'S in the world of automation "	PSNA college of Engineering, Dindigul.	15-05-2020	
20.	Attended webinar on "Success secrets and combating nervousness"	RAAK college of Engineering and Technology, Puducherry.	12-05-2020	
21.	Attended "Covid-19 awareness quiz "	Karpaga vinayaka college of Engineering and Technology.	10-05-2020	
22.	Attended webinar on "How to build your personal brand on LinkedIn"	SNS college of Technology.	08-05-2020	
23.	Attended 2 days webinar on "IIOT"	PSNA college of Engineering with Bluetronics, Dindigul	06-05-2020	08-05-2020
24.	Attended webinar on "Green Energy"	Excel Engineering College, Komarapalayam.	06-05-2020	
25.	Attended One Week National Workshop on "Perspectives of Teaching and Learning of Engineering Sciences for Outcome Based Education"	National Institute of Technology, Tiruchirapalli.	15-06-2020	20-06-2020
26.	Attended webinar on "Antennas for Health Care Application"	Kings College of Engineering.	10.06.2020	
27.	Attended webinar on "Modern Antenna Design Challenges"	Kings College of Engineering.	06.06.2020	
28.	Attended STTP through ICT mode on "Indian Electricity Rule	NITTTR, Kolkata	16.12.2019	20.12.2019

	and code of Practices”			
29.	Attended AICTE recognized FDP on “5G Communication”	NITTTR, Chandigarh	18.11.2019	22.11.2019
30.	Attended STTP through ICT mode on “Water Pollution and Health”	NITTTR, Kolkata	21.10.2019	25.10.2019
31.	Attended AICTE recognized FDP on “Embedded system and IoTs”	NITTTR, Chandigarh	23.09.2019	27.09.2019
32.	Attended two day FDP on “ Research Issues and Solutions in sustainable energy conversion and Renewable Energy Sources”	Kings College of Engineering.	01.11.2019	02.11.2019
33.	Attended one day Workshop on “IOT using Raspberry Pi”	Kings College of Engineering.	19.07.2019	
34.	Attended STTP through ICT mode on “ NBA Accreditation”	NITTTR, Kolkata	22.04.2019	26. 04.2019
35.	Attended FDP on “ Robotics and Automation”	Kings College of Engineering	22.02.2019	23.02.2019
36.	Attended STTP on “ Development of Laboratory Instruction and Manual”	NITTTR, Kolkata	04.02.2019	08.02.2019
37.	Attended one day workshop on “ Printed circuit board Design”	Kings College of Engineering	12.01.2019	
38.	Attended seminar on “Art of Writing a paper” organized by	R&D section and IEEE student branch at Kings College of Engineering	29-01-2018.	
39.	Attended National level seminar on “Digital filter design for DSP Applications using MATLAB”	K.Ramakrishna college of Technology, Tiruchirapalli.	28-09-2017	

40.	Attended workshop on "What we don't teach about Research at colleges"	ISME & IEEE at Kings College of Engineering	08-08-2017.	
41.	Attended 3 days National level seminar on "Bio informatics and computational genomics: Intelligent tools and methods to prevent Epidemic diseases using Big data "	PSNA college of Engineering and Technology, Dindigul	07-11-2016	09-11-2016
42.	Attended 1 day workshop on "Calibration of Electro technical Instruments".	Sakthi Power Solutions	30-03-2016	
43.	Attended 3 days workshop on ""Networking in MNC" by MAGNUS Solution	Kings College of Engineering	22-07-2015	24-07-2015.
44.	Participated in the three days Workshop on "Reconfigurable Antennas"	Kings College of Engineering.		
45.	Participated in two days workshop on FPGA Design and VLSI Programming.	Kings College of Engineering, Punalkulam.	07-03-2014	08-03-2014
46.	Attended a Workshop on "E-Resources for Teaching, Learning and Research"	Kings College of Engineering, Punalkulam.	31-12-2013	
47.	Participated in the two days workshop on "Art of Counseling"	Kings College of Engineering, Punalkulam.	27-12-13	28-12-2013
48.	Attended a seminar entitled "Intellectual Property Rights Awareness"	Kings College of Engineering, Punalkulam.	30-08-2013	
49.	Attended a Workshop on "Research Methodologies"	Kings College of Engineering, Punalkulam.	16-08-2013	
50.	Participated in the two days workshop on	Kings College of Engineering, Punalkulam.	12-07-2012	13-07-2012

	"Expert System Design & Modeling with Numerical Solutions for Real Time Engineering Problems"			
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3. Short term Courses / Seminars /FDP/Workshop/Conference organized:

Sl.No	Title of the event	Organized by	Date	
			From	To
1.	Technical Symposium "enigma - 2k21"	Kings College of Engineering	28.10.21	-
2.	Webinar on "Modern Antenna Design Challenges"	Kings College of Engineering	06.06.20	-
3.	Organized a Webinar on "overview of machine learning, deep learning and natural language processing using python".	Kings College of Engineering	27.05.2020	
4.	Organized three days Webinar for Engineering and Polytechnic Students on "Embedded and Real Time Systems Using Arduino" at Kings College of Engineering, from (08-06-2020 to 10-06-2020)	Kings College of Engineering	08-06-2020	10-06-2020
5.	National Level Conference on Emerging Trends in Communication	Kings College of Engineering	11-03-2019	

4. Online Courses

Sl.No	Course title	University	Date
1.	CAD/CAM Computer Aided Design / Computer Aided Manufacturing	Indira Gandhi National Open University	01.02.2022 to 15.03.2022
2.	Electric Vehicles	IIT Delhi	21.02.2022 to 18.03.2022
3.	Fundamentals of Electronic Device fabrication	NPTEL	14.09.2020 to 09.10.2020
4.	Big Data Analytics using Smart Grid	ARPIT	01.10.2019 to 31.11.2019