

KINGS COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : Mr.S.RAMARAJAN	
Designation:	Assistant Professor
Qualification:	M.E., (Ph.D)
Area of Specialization:	Communication Systems
Experience:	Teaching: 17.3 Years
No. of Programme attended:	Workshop: 05 Seminar: 03 FDP: 03
Publication:	Journal National:-NIL International:01
	Conference National: 03 International: 02
Membership	• ISTE

JOURNAL PUBLICATIONS

1. Bharathi.V Giri.G Hallur , **Ramarajan.S** , Vinoth Kumar K **“Enhancing Cooperative Spectrum Sensing Efficiency in CBRS-based CRN for Unmanned Mobile Robot Applications”**in Journal of MEASUREMENT SCIENCE REVIEW, 24, (2024), No. 6, 260-264. ISSN 1335-8871, DOI: 10.2478/msr-2024-0035. (**Annexure – I**)

CONFERENCE PUBLICATIONS: International Conferences/National Conference:

1. Presented a paper titled, **“Coin Operated Charge Recharge Machine For Prepaid Cellular Phones”**, International Journal of Engineering Research and Science &Technology (IJERST-2017), Organized by Institute of Engineering Research, Salem.Vol. 6, No.1, February 2017 Vol.3, pp.171-177.

2. Presented a paper titled **“Wireless data logging and adaptive multichannel power control using industrial measuring instruments”**, International conference on Engineering and applied science-(ICEAS 2015), Organized by Institute of Engineering Research, Salem .

3. Presented a Paper Titled by **“Design and Implementation of Fully Automated Plant For TNCSC”**on Innovations in Engineering and Management (NCIEM-2018), Info Institute of Engineering, Coimbatore on 17th March 2018.

4. Presented a Paper Titled by **“Bit-Parallel Architectures for FIR Filtering with Symmetric Signal Extension”**on Signal Processing and VLSI Design (NCSPVD-2016), Kings College of Engineering, Punalkulam, 978-93-85057-05-2. 28th December 2016

5. Presented a Paper Titled by **“Fault Detection and Fault Diagnosis in SRAM Based FPGA Using BIST”**on Technical Conference in communication systems, PAVENDAR BHARATHIDASAN College of Engineering & Technology, Tiruchirapalli on 05th March 2011.

SEMINARS AND WORKSHOP ATTENDED

1. Participated in a Five days DST Sponsored India-Sri Lanka Joint workshop on **“Development and Exchange of Knowledge on Robotics and Automation Applied to Fisheries and Aquaculture”** Department of Electrical and Electronics Engineering, Sona College of Technology, Salem on 4th to 8th December 2018.

2. Participated in a One day National workshop on **“Mathematical Modeling and Computational Techniques”** Department of Mathematics, National Institute Technology, Puducherry on 15th July 2017.

3. Participated in a Two days Faculty Development program on **“Recent Trends in Medical Image Processing & Robotic Vision through Machine Learning Perspectives”** Department of Electronics and communication Engineering , Bannari Amman Institute of Technology, Sathiyamangalam on 04 & 05th November 2016.

4. Attended the One day workshop on **“Calibration of Electro Technical Instruments”**, SAKTHI POWER SOLUTIONS PVT.LTD, Coimbatore on 30th March 2016.

5. Participated in a Three days Workshop on **“Networking in MNC”** Department of Electronics and Communication Engineering, Kings College of Engineering, Punalkulam on 22nd -24th July 2015.

6. Participated in a One day workshop on **“Artificial Intelligence and Expert Systems”** Department of Electronics and Communication Engineering, Kings College of Engineering, Punalkulam on 4th September 2014.

7. Participated in a One day Seventh National Seminar on **“Research Issues in Digital Image Processing”** Department of Computer Applications, Mepco Schlenk Engineering College, Sivakasi on 15th March 2014.

8. Participated in a two day foundation course on **“FPGA DESIGN and VHDL PROGRAMMING”** Department of Electronics and Communication Engineering, Kings College of Engineering, Punalkulam on 7&8th March 2014.

9. Participated in a two days **“Faculty Development Program”** Knowledge and Consulting Chennai at Kings College of Engineering, Punalkulam, 22nd and 23rd December 2011.

10. Attended in a Two days AICTE Sponsored National Seminar on **“Emerging Trends in RFID Technology”** (ETRFID-2009), Mookambigai College of Engineering, Kalamavur, 25th to 26th September 2009.

11. Participated in a Two days DRDO Sponsored National Seminar on **“Futuristic Approach in Nano Technology for Electronics Engineering”** Sethu Institute of Technology, Kariapatti, 8th & 9th October 2009.

PROGRAMME ORGANIZED

1. Organized the Technical Events in Symposium on **“National Level Technical Symposium’ e-blast’17”** Kings College of Engineering, Punalkulam on 02nd September 2017.

2. Organized the Technical Events in Symposium on **“National Level Technical Symposium’ e-blast’15”** Kings College of Engineering, Punalkulam on 02nd September 2015.