



SYED AMMAL ENGINEERING COLLEGE

(Approved by the AICTE, New Delhi, Govt. of Tamilnadu and Affiliated to Anna University, Chennai)

NBA Accredited Courses: CSE & Mech

Dr. E.M.Abdullah Campus, Lanthai, Ramanathapuram – 623 502.


Phone: 04567-222234, 9487304000, 304222, 304101

Web: www.syedengg.ac.in E.mail: saec@syedengg.ac.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PROFILE

Name	: P.RAVIVARMA	
Designation	: ASSISTANT PROFESSOR	
Contact Address	: Department of ECE, Syed Ammal Engineering College, Ramanathapuram – 623 502.	
Contact Mobile No.	: 9843197344, 8838798643	
Email id	: ravi1987@syedengg.ac.in , ravivarmapadma@gmail.com	
Areas of Interest	: Wireless Communication, Embedded Systems	

Qualification

- B.E. (Electronics and Communication Engineering) – April 2008 – Anna University, Chennai
- M.E. (Communication Systems) – April 2012 – Hindustan Univer, Chennai
- Ph.D. (Information and Communication Engineering) – Pursuing – Area of Research: Antenna Design, Anna University, Chennai

Experience

- 18.06.2012 to till date : Assistant Professor – Syed Ammal Engineering College

Subjects handled:

- RF & Microwave Engineering
- Wireless Networks
- Cognitive Radio
- Multimedia Compression & Communication
- Communication Engineering(EEE & CSE)
- Satellite Communication
- Electronics Circuits - II
- Optical Communication and Networks



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Publications in Conferences:

- **P.RAVIVARMA**, Ramya M, Arunmani G, Mahendran G, Periyasamy M, and Murali Manoha Joshi, “Design and Implementaion of Karatsuba based IIR filtersfor Biological Signal Processing”, International Conference on Innovative Research in Applied Engineering and Computing Methodologies, Ramanathapuram, India, 13-14, August 2021.
- **P.RAVIVRMA**, G.R. KARTHIGA, “Programmable Circuit Design using Quantum Dot Cellular Automata(QCA)” in AICTE Sponsored International Conference on Nanotechnology: Ideas, Innovations & Initiatives, December 2019.
- **P.RAVIVRMA**, G.ARUNMANI, B.RAMASUBRAMANIAN, RAJASEKAR, “A novel approach for automated detection of exudates using retinal image processing” in International Conference on Communication and Signal Processing – ICCSP’ 16, Adhiparasakthi Engineering College, Melmaruvathur, March 2015
- **P.RAVIVARMA**, “Multiuser Interference Suppression in Polar Decoder for Low Power Applications” International Conference on advances in applied Engineering & Technology (ICAAET), May 2015
- **P.RAVIVARMA**, B.Ramasubramanian, G.ARUNMANI, B.BABU MOHAN “An Efficient System For The Detection Of Exudates In Color Fundus Images Using Image Processing Techniques” in the IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT),pp.No:1551 – 1553,May 2014.
- **P.RAVIVARMA** “Performance analysis of image fusion algorithm in second generation curvelet transformation”, in National Conference on Emerging Trends in Electrical Engineering, March 2013.

Books Published

- “Rudimentary Guidelines to Learn Management Principles”, B. Ramasubramanian, P.Ravivarma & S. Selvaperumal, LAP Lambert Academic Publishing, 2020, ISBN-10 : 6202671300 ISBN-13 : 978-6202671309

Book Chapters Published

- **P.RAVIVARMA**, ‘A Novel Dual Polarized Dual Band Antenna for Wireless Backscattering Applications’, in “A Handbook on ANTENNA DESIGN FOR NARROWBAND IOT – Design, Analysis & Applications”, 2022, pp 149-161, DOI: 10.4018/978-1-7998-9315-8.ch011

Details of Training Programmes/ workshops organized

- Two days National Level Workshop on “Importance of Switching and Routing In Computer Networks Using Cisco Packet Tracer” on 17th – 18th February 2017.
- Two Days Workshop on “PCB Design and PCB Assembly Processing Using Digital Technology” on 18-19.01.2019



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Details of Seminars/Conferences organized

- Co-ordinator for IETE Sponsored Technical events TechProbe'18 on 10.03.2018
- Co-ordinator for Alumni Technical Convention on 23-24.08.2019
- Co-ordinator for Alumni Technical Convention on 25.09.2021

Acted as a reviewer in the following international journals and conferences

- International Conference on Advanced Communication Control & Computing Technologies (ICACCCT '16)