


FACULTY PROFILE							
Name		Dr. R.Nagarajan					
Qualification		M.E., Ph.D					
Department		Electrical and Electronics Engineering					
Designation		Professor					
Date of Joining		02.07.2001					
Mobile Number		9943845367					
E - Mail		nagarajansr@gmail.com					
Experience in Years		Teaching	Industry				
		22.7	5.0				
Area of Specialization		Embedded Systems, Wireless Sensor Networks, Industrial Automation					
Publications	National Conference		International Conference		International Journals		
	--		4		12		
Conference Paper Presented	Patents Filed		Patents Published		Copy Rights Registered		
12	--		2		1		
FDP, Conference, Workshop & Seminars	FDP / STTP		Conference / Symposium		Workshop		
	Organized / Coordinated		Organized / Coordinated		Organized / Coordinated		
	2		9		1		
	Attended		Attended		Attended		
	18		3		10		
Research / Consultancy Projects	Grants		Projects		Consultancy		
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Membership in Professional Societies			Resource Person / Guest Lecture		Reviewer	Chair Person	
ISTE (LM)	IETE (LM)	EMC (LM)	20		4	Editor	
Project & Research Guidance		UG Level		PG Level		Ph.d Level	
		10		10		Completed	Guiding
						--	8
Institutional Contribution							
Parent – Teacher Association – Convener (2003 – 2004)			SAEC Alumni Association – Vice-President (2003 – 2004)				
ICT Academy – Convener (2009 – 2011)			Annual Magazine Convener - (2004 – 2005)				
Indian Society for Technical Education (ISTE) – Convener (2003 – 2005)			Training & Placement Officer (2001-2005) & (2011-2013)				
Computer Society of India – Convener (2007 – 2011)			ISO – Coordinator (2003 - 2005) & (2022 - Till Date)				
NBA – Coordinator (2008 – 2010) & (2023 - Till Date)			NAAC – Coordinator (2023 - Till Date)				
Head of the Department – Computer Science Engineering (2007 – 2011)			Head of the Department – Electrical & Electronics Engineering (2023 – Till Date)				

Professional Profile

- Accomplished career demonstrating consistent success as an administrator and educator at under graduation & Post Graduation in engineering levels. Outstanding track record in assuring student success.
- Developed competencies in grant writing and administration, Project and Program Management and Staff Development & Empowerment.
- Extensive background of developing and implementing special program for students.
- Effective communicator with excellent planning, organizational and negotiation strengths as well as the ability to lead, reach consensus, establish goals and results.

Education & Credentials

- **Ph.D** in the faculty of Electrical Engineering – Anna University, Chennai, July, 2016.
Title of Thesis: Certain Investigations on feasibility and performance analysis of wireless industrial automation
- **M.E** – Master of Engineering in Embedded System Technology, Arulmigu Kalasalingam College of Engineering, Anna University, Chennai, 2007, First Class – 74%.
- **B.Tech**– Bachelor of Technology in Instrumentation Engineering, Madras Institute of Technology, Anna University, Chennai, 1994, First Class – 63%.

Additional Qualifications

- **M.B.A** – Master of Business Administration, Madurai Kamaraj University, 2004, Second Class – 53%.
- **PGDHRM** – Post Graduate Diploma in Human Resource Management, Pondicherry University, First Class, 2000 – 62.8 %
- **B.Sc** – Bachelor of Science in Chemistry, Alagappa Govt. Arts College, Madurai Kamaraj University, 1991, First Class – 77.7%.

Academic/ Teaching Experience

- **Total Work Experience:** 27 Years & 7 Months
- **Total Teaching Experience:** 22 Years & 7 Months

Job Profile: Imparted Undergraduate Engineering, Post Graduate Engineering, Management Science Subjects & Administrated Department – July 2001 to Present

- **Professor**, Department of EEE Syed Ammal Engineering College, Ramanathapuram, August 2019 – Till Date.
Courses Taught: Advanced Digital System Design, Embedded Product Development & Principles of Management.

- **Associate Professor**, Department of EEE Syed Ammal Engineering College, Ramanathapuram, July 2013 – July 2019.
Courses Taught: Computer Networks, Digital Logic Circuits, Advanced Digital System Design & Real Time Operating Systems, Embedded Automotive Networking with CAN, Electrical Machines, Electrical Energy Generation & Utilization.
- **Associate Professor**, Department of EEE & Placement Officer, Syed Ammal Engineering College, Ramanathapuram, July 2011 – June 2013.
Courses Taught: Computer Networks, Advanced Digital System Design & Organised Training programs to students, On & Off Campus Interviews.
- **Assistant Professor & Head**, Syed Ammal Engineering College, Ramanathapuram, July 2007 – June 2011.
Courses Taught: Computer Networks, Computer Architecture, Software Engineering, Software Quality management, Wireless Communication & Professional Ethics.
- **Lecturer**, Syed Ammal Engineering College, Ramanathapuram, July 2001 – June 2007.
Courses Taught: Digital System Design, Electronics Devices & Circuits, Principles of Management, Total Quality Management & Engineering Economics & Resource Management

Industrial Exposure

- **Total Industrial Experience:** 5 Years
- **Senior Instrumentation Engineer**, SOA Instruments (P) Limited, Chennai, April 1997– June 1999.
Job Profile: Involved in Erection & Commissioning of Field & Panel Instruments
Provided Detailed Engineering Services
- **Project Engineer**, Ballarpur Industries Limited, Karwar, Karnataka, February 1996– March 1997.
Job Profile: Project Documentation, Erection & Commissioning Imparted training to workmen.
- **Instrumentation Engineer**, SOA Instruments (P) Limited, Chennai, June 1994– Feb 1996.
Job Profile: Involved in Preparation of Loop Diagram, Termination Diagram, and Specification Sheet Preparation & Design of flow Elements.

Publications in International Journals

- G.S.Naganathan, S.Selvaperumal, **R.Nagarajan** & P.Nedumal Pugazhenthithi 2022, 'Electric Bike Range Estimation Using Fuzzy Logic Controller', Journal of Electronics and Informatics, vol. 4, no. 4, pp. 225-236, DOI: 10.36548/jei.2022.4.002, ISSN:2582-3825.
- P.Veeramanikandan, S.Lakshmi Kanthan Bharathi & **R.Nagarajan** 2022, 'Improvement of Robustness in Grid Connected Solar System Using Artificial Neural Network based Sliding Mode Controller', Neuro Quantology, vol. 20, no. 7, pp. 398-407, DOI: 10.14704/nq.2022.20.7.NQ33050, IF –1.58.

- Ramasubramanian, B & **Nagarajan, R**, Selvaperumal, S 2020, 'Performance Evaluation of Various Segmentation Methods for Brain Tumour Images using Raspberrypi Processor', Tierarztliche Praxis, vol.40, pp.2241-2245. ISSN: 0303-6286.
- **Nagarajan, R** & Dhanasekaran, R, 2018, 'Energy Efficient Data Transmission Approaches for Wireless Industrial Automation', Current Signal Transduction Therapy, vol.13, pp.37-43. IF – 0.55.DOI: 10.2174/1574362413666180306114548.
- **Nagarajan, R** & Dhanasekaran, R, 2017, 'Maximization of Length and Lifetime of Clustered Industrial Automation Network', Technical Gazette, vol. 24, Suppl.1 (2017) pp. 163-168, ISSN: 1848-6339 (Online), DOI: 10.17559/TV-20150910151641 IF –0.46.
- **Nagarajan, R** & Dhanasekaran, R, 2016, 'Fault-Tolerant Wireless Communication System for Process Control in Wind Power Stations', Journal of Scientific & Industrial Research, vol. 75, pp. 51-55, ISSN: 0022-4456, IF – 0.50.
- **Nagarajan, R** & Dhanasekaran, R, 2015, 'Wire free Relay Model based Industrial Monitoring and Control', International Journal of Applied Engineering Research, vol. 10, no. 5, pp. 4360-4364, ISSN: 0973-4562. IF – 0.1.
- **Nagarajan, R** & Dhanasekaran, R, 2015, 'Wireless Industrial Monitoring and Control Network for Process Control Applications', International Journal of Applied Engineering Research, vol. 10, no. 17, pp. 13383-13388, ISSN: 0973-4562 . IF – 0.1.
- **Nagarajan, R** & Dhanasekaran, R, 2015, 'Analysing the Effect of Interference in Wireless Industrial Automation System (WIAS) ', ARPN Journal of Engineering and Applied Sciences, vol. 10, no. 6, pp. 2621-2626, ISSN: 1819-6608 IF – 0.21.
- **Nagarajan, R** & Dhanasekaran, R, 2015, 'Implementation of Zigbee Wireless Network for Industrial Automation: Issues, Challenges and Approaches', International Journal of Applied Engineering Research, vol. 10, no. 55, pp. 3410-3414, ISSN: 0973-4562 IF – 0.1.
- Selvaperumal,S,Vijayarajan,S, Pugazhenth, P. Nedumal, Prabhakar, G & **Nagarajan, R**, 2016, 'Performance Investigation of Genetic Algorithm Based LCL Resonant Converter in Marine Applications', Indian Journal of Geo-Marine Sciences, vol. 45 (10), October 2016, pp. 1377-1388, ISSN: 0975-1033 IF – 0.3.
- Muthulakshmi, KA,Jagatheesan, R & **Nagarajan, R**, 2014, 'Implementation of Industrial Wireless Sensor Network',International Journal of Electronic Communications Engineering Advanced Research (IJECEAR), vol. 02, SP-1, pp. 109 - 113, ISSN: 2347-9329 (Online).

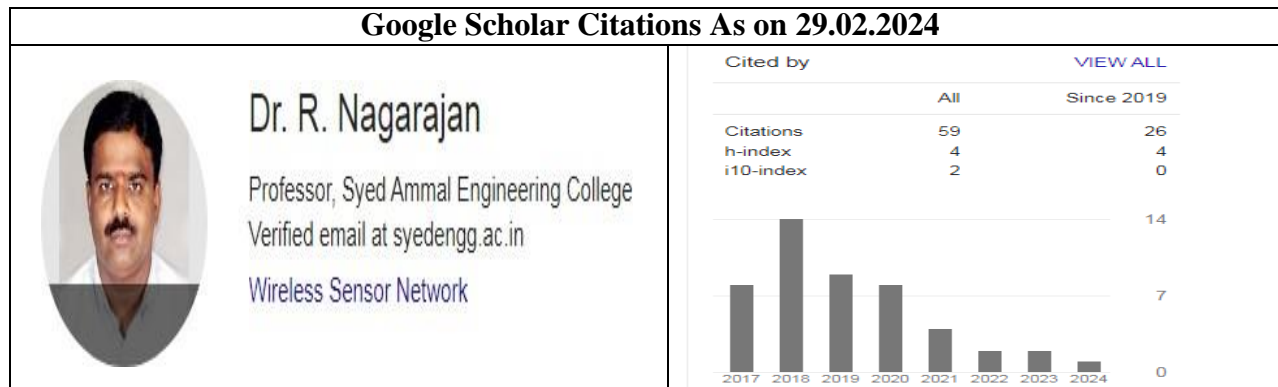
Publications in International Conferences

- **Nagarajan, R** & Dhanasekaran, R, 2013, 'Implementation of Wireless Data Transmission in monitoring and Control', 2013 International conference on Communication and Signal Processing (ICCSP), Melmaruvathur, Tamilnadu, India, pp. 83-87, DOI : 10.1109/iccsp.2013.6577020.
- **Nagarajan, R** & Dhanasekaran, R, 2015, 'Optimization of Power in Wireless Industrial Automation networks', 2015 International Conference on Communication and Signal Processing (ICCSP), Melmaruvathur, Tamilnadu, India. pp. 680-684, DOI: 10.1109/ICCSP.2015.7322576.
- Priyanka, K & **Nagarajan, R**,2016, 'Extending the lifetime of clustered industrial automation network', 2016 International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), Ramanathapuram, Tamilnadu, India.pp. 353 - 357, DOI: 10.1109/ICACCCT.2016.7831661.

- Dhivya, K, **Nagarajan, R** & Prabhakar, G 2016, 'Autonomous lane parking system for nonholonomic vehicles', 2016 International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), Ramanathapuram, Tamilnadu, pp. 421 - 425, DOI: 10.1109/ICACCCT.2016.7831674

Research Guidance & Google Scholar Citations

Research Guidance								
<p style="text-align: center;">Anna University Recognized Supervisor under the faculty of Electrical Engineering Ref. No: 3330005</p> <p>Area of Specialization: Electrical Engineering, Embedded Systems, Industrial Automation & Wireless Sensor Network</p>								
Doctoral Committee Member								
<ol style="list-style-type: none"> 1. Acted as a Doctoral Committee Member for Mr. S. Ramalingam, Pursuing Research in Anna University, Chennai, under the guidance of Dr. K. Baskaran, Professor, Department of EEE, ACGCET, Karaikudi. 2. Acted as a Research Coordinator for Mr. P. Nedumal Pugazhenth, Pursuing Research in Anna University, Chennai, under the guidance of Dr. S.Selvaperumal, Professor, Department of EEE & Dean-Research, MSEC, Kilakarai. 3. Acting as a Research Coordinator for Gnana Skanda Parthiban P, Monesha S, Dinesh J, Ahamed Hussain Asif N, Devika R, Murugeswari P, Arun Prasath T and Ramamoorthy ML Pursuing Research in Anna University, Chennai, under the guidance of Dr. S.Selvaperumal, Professor, Department of EEE & Dean-Research, MSEC, Kilakarai. 4. Acting as a Doctoral Committee Member for Arundesai. M, Pursuing Research in Anna University, Chennai, under the guidance of Dr. M.Senthilkumar, Assistant Professor, Department of EEE, Syed Ammal Engineering College, Ramanathapuram. 								
List of Scholars Pursuing Research As on 29.2.24								
SCHOLAR DETAILS								
S.NO	REGNO	NAME	DEGREE	FACULTY	REG YEAR	REG SESS	SUPERVISOR	STATUS
1	17134797441	Vengatesh Kumar S	Ph.D.	Ice	2017	JUL	Supervisor	Confirmation completed
2	20143791122	Jenin Prabhu R	Ph.D.	Elec	2020	JAN	Supervisor	Confirmation completed
3	21234797185	Saranya G	Ph.D.	Ice	2021	JUL	Supervisor	Confirmation completed
4	22144791279	Kumaresan V	Ph.D.	Ice	2022	JAN	Supervisor	Confirmation completed
5	22244791350	Kavitha M	Ph.D.	Ice	2022	JAN	Supervisor	Confirmation completed
6	23243797125	Sujidha P	Ph.D.	Elec	2023	JUL	Supervisor	Course Work
7	23249797177	Usha A	Ph.D.	Ece	2023	JUL	Supervisor	Course Work
8	24243791165	Thillainayagi N	Ph.D.	Elec	2024	JAN	Supervisor	Course Work



Patents Filed / Published

- Dr. Selvaperumal, S, **Dr. Nagarajan, R** & Nedumal Pugazhenth, P 2022, Title of Design Patent: Agricultural Robot for Pesticide Spraying, Published on: 18/03/2022, 11/2020, Page No.17836, Patent number: 355747-001 Dated: 11/03/2022.
- Dr. Selvaperumal, S, Dr. Sivagama Sundari, MS, **Dr. Nagarajan, R**, Dr. Muthulakshmi, S, Dr. Aiswariya, S & Dr. Senthilkumar, M 2020, Title of Invention: Performance Characteristics of Self excited cage Induction motor under varying load and speed conditions', Published on: 18/12/2020, 51/2020, Page No.62652.

Copyright Registration

- Dr. Selvaperumal, S, **Dr. Nagarajan, R**, Nedumal Pugazhenth, P , Gnanaskanda Parthiban, P & Arun Prasath 2020, 'Simulation of Power Electronics Circuits Using PSPICE" Lambert Academic Publishing, ISBN: 978 - 620 - 0 - 53222 - 0.

Books Published / Edited

- Dr. Karthiyayini, S, Dr. Karthikeyan, N & **Dr. Nagarajan, R** 2023, 'Modern Watermarking Technique for Teleradiology Applications', Lambert Academic Publishing, ISBN: 978 -620 - 6 - 76648 - 3.
- Dr. Nedumal Pugazhenth, P, Dr. Selvaperumal, S & **Dr. Nagarajan, R** 2023, 'Modern Control Technique for Nonlinear Process', Lambert Academic Publishing, ISBN: 978 -620 - 6 - 18082 - 1.
- Dr. Shyamala, A, Dr. Selvaperumal, S & **Dr. Nagarajan, R** 2023, 'Certain Investigations on Moving Vehicle Detection and Classification', Lambert Academic Publishing, ISBN: 978 -620 - 6 - 15383 - 2.
- Dr. Kousalyadevi, G, Dr. Lavanya, G & **Dr. Nagarajan, R** 2022, 'Design Of Buildings with Improved Energy Efficiency and Daylighting' Lambert Academic Publishing, ISBN: 978 -620 - 4 - 95472 - 1.
- Dr. Raja, R, **Dr. Nagarajan, R** & Dr. Muruganantham, R 2021, 'Secured and Optimal Routing with QoS in MANETS" Lambert Academic Publishing, ISBN: 978 - 620 - 4 - 72809 - 4.
- Dr. Muruganantham, R, **Dr. Nagarajan, R** & Dr. Raja, R 2021, 'Techniques to improve the Lifetime of Wireless Sensor Network" Lambert Academic Publishing, ISBN: 978 - 620 - 4 - 72810 - 4.
- **Dr. Nagarajan, R**, Dr. Dhanasekaran, R & Dr. S. Selvaperumal 2020, 'Performance Analysis of Wireless Industrial Automation System" Lambert Academic Publishing, ISBN: 978 - 620 - 0 - 53222 - 0.

Programs Organized & Co-ordinated

- Coordinated the AICTE Sponsored Six Days Online STTP on Digital Controllers for Power Electronics Applications – Phase-I during July 13-18, 2020; Phase-II during August 03-08, 2020 & Phase-III during September 07-12, 2020.
- Co-Coordinated the AICTE Sponsored Two Weeks FDP on Modeling, Simulation, Control and Stability Analysis of Power Electronic Converters during June 17-29, 2019.
- Coordinated the Workshop on Introduction to Matlab during June 17-19, 2019.
- Coordinated the International conference titled 2016 IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT), held at Syed Ammal Engineering College, Ramanathapuram during May 25-27, 2016.
- Coordinated the International conference titled 2014 IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT), held at Syed Ammal Engineering College, Ramanathapuram during May 08-10, 2014.
- Coordinated the International conference titled International Conference on Advancements in Automation and Control Technology (ICAAC), held at Syed Ammal Engineering College, Ramanathapuram during April 11-12, 2014.
- Co-Coordinated the International conference titled AICTE Sponsored International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT'14), held at Syed Ammal Engineering College, Ramanathapuram during January 31-February 01, 2014.
- Coordinated the International conference titled 2012 IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT), held at Syed Ammal Engineering College, Ramanathapuram during August 23-25, 2012.
- Organized National level conference on Advancements and Applications Networking and Computing Techniques AANCT'07 at Syed Ammal Engineering College, Ramanathapuram.
- Organized Intra College Software Development Competition C-Soft 08 at Syed Ammal Engineering College, Ramanathapuram.
- Organized Two Days National level technical symposium C-Epoch 08 during 5th – 6th September 2008 at Syed Ammal Engineering College, Ramanathapuram.
- Organized Two Days National level technical symposium C-Epoch 07 during 28th – 29th September 2007 at Syed Ammal Engineering College, Ramanathapuram.

Guest Lecture & Resource Person

- Acted as a Resource person on 16.11.2020 for the AICTE Sponsored Two Weeks Online Faculty development Training Program on “ Formal Modelling, Control and Real Time Implementation of Cyber Physical Systems” held from November 9th – November 24th, 2020, at V.S.B. Engineering College, Karur.
- Acted as a Resource person on 23.10.2020 for the AICTE Sponsored Two Weeks Online Faculty development Training Program on “ Formal Modelling, Control and Real Time Implementation of Cyber Physical Systems” held from October 19th – November 2nd, 2020, at V.S.B. Engineering College, Karur.
- Acted as a Resource person during the AICTE Sponsored Online Short Term Training Program (STTP) Phase-IV “Renewable Energy Development in Deregulated Power Market: Future Scenario” (RDDPF -2020) held from October 12th – October 17th, 2020, at Jayamukhi Institute of Technological Sciences, Warangal, Telungana State.

- Acted as a Resource person on 24.05.19 for the Anna University Sponsored Faculty development Training Program on Electrical Machines - I held from May 20th – May 25th, 2019, at KLN College of Engineering, Madurai.
- Acted as a Resource person on 22.05.19 for the Anna University Sponsored Faculty development Training Program on Control System Engineering held from May 20th – May 25th, 2019, at Syed Ammal Engineering College, Ramanathapuram.
- Delivered Guest lecture on ‘VHDL and Verilog Coding for Digital Logic Circuits’ in TEQIP sponsored workshop on “Embedded C and VLSI” at ACGCET, Karaikudi, on 26.08.2018.
- Acted as a Resource person on 16.05.17 for the Anna University Sponsored Faculty development Training Program on Fiber Optics and Laser Instruments held from May 11th – May 17th, 2017, at University College of Engineering, Anna University, Ramanathapuram.
- Acted as a Resource person on 29.11.16 for the Anna University Sponsored Faculty development Training Program on Control System Engineering held from November 24th – November 30th, 2016, at Syed Ammal Engineering College, Ramanathapuram.
- Delivered Guest lecture on ‘VHDL Design’ on 05.11.2016 at GCCET, Paramakudi.
- Acted as a Resource person on 07.06.16 for the Anna University Sponsored Faculty development Training Program on Power Electronics held from June 06th – June 12th, 2016, at Syed Ammal Engineering College, Ramanathapuram.
- Acted as a Resource Person in Faculty Development Program on “Effective Teacher” to faculty members at GCCET, Paramakudi on 10.03.2016.
- Delivered Guest lecture about ‘Embedded System’ at GCCET, Paramakudi, on 19.02.2016.
- Delivered Guest lecture for ‘Digital System Design’ at GCCET, Paramakudi, on 23.09.2015.
- Acted as a Resource person on 03.12.15 for the Anna University Sponsored Faculty development Training Program on Solid State Drives held from November 30th – December 06th, 2015, at Syed Ammal Engineering College, Ramanathapuram.
- Acted as a Resource person on 12.06.15 for the Anna University Sponsored Faculty development Training Program on Electromagnetic Theory held from June 10th – 16th, 2015, at Syed Ammal Engineering College, Ramanathapuram.
- Delivered Guest lecture about ‘Embedded System’ at GCCET, Paramakudi, on 15.03.2015.
- Acted as a Resource Person in Faculty Development Program on “Importance of Inter Personnel Relationship” to faculty members at GCCET, Paramakudi on 17.02.2015.
- Acted as a Resource person on 21.06.14 for the Anna University Sponsored Faculty development Training Program on Electromagnetic Theory held from June 16th – 22nd, 2014, at Syed Ammal Engineering College, Ramanathapuram.
- Delivered Guest lecture about ‘Self Analysis of Entrepreneur’ on 10.10.2009 at Syed Hameeda Arts & Science College, Kilakarai.
- Delivered Guest lecture about ‘Networking’ on 05.09.2009 at V.P.Muthaiah Pillai Meenakshi Ammal Engineering College for Women, Sriviliputhur.

Reviewer, Chair Person & Editor

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- Acted as a Reviewer for Measurements and Control Journal, SAGE Publishing, Newzealand.
 - Acted as a publication chair for ICCCT’10 & ICACCCT’16.
 - Acted as a Session Chair & Reviewer for International Conference on Advanced Communication, Control and Computing Technologies, held on May 25th – 27th, 2016, at Syed Ammal Engineering College, Ramanathapuram.

- Acted as a Session Chair & Reviewer for International Conference on Advanced Communication, Control and Computing Technologies, held on May 8th – 10th, 2014, at Syed Ammal Engineering College, Ramanathapuram.
- Editor of Advancements in Automation and Control technologies, Trans Tech Publications Limited, Switzerland, ISBN-13: 978-303835=124-5.
- Acted as a Chair person on 11.04.14 for the International Conference on Advancements in Automation and Control Technology (ICAAC), held at Syed Ammal Engineering College, Ramanathapuram during April 11-12, 2014.
- Acted as a Co-Chair for International Conference on Advances in Information Technology ICAIT, held on April 3rd, 2014, at Syed Ammal Engineering College, Ramanathapuram.
- Acted as a Session Chair & Reviewer for International Conference on Advanced Communication, Control and Computing Technologies, held on August 23rd – 25th, 2012, at Syed Ammal Engineering College, Ramanathapuram.

Professional Organization Memberships & Community Initiatives

- Life Member of Indian Society for Technical Education (ISTE).
- Life Member of Institute of Electronics & Telecommunication Engineers (IETE).
- Life Member of Society of EMC Engineers (India).

Professional Development Initiatives

Papers Presented

- Presented Paper titled “Monitoring System for the Detection of Milk Adulteration ” in National Conference on Artificial Intelligence and Machine Learning Techniques for Electronics, Control & Automation, organized by Dayananda Sagar College of Engineering, Bengaluru, Karnataka.
- Presented Paper titled “Modelling of Fuzzy PD Plus I Controller based Cruise Control for Non Linear System” in 6th International Conference on Emerging Trends in Engineering (ICETET), organized by Padian Saraswathi Yadav Engineering College, Sivagangai.
- Presented Paper titled “Implementation of Zigbee Wireless Network for Industrial Automation: Issues, Challenges and Approaches” in International Conference on Advances in Applied Engineering &Technology, organized by Syed Ammal Engineering College, Ramanathapuram.
- Presented Paper titled “Optimization of Power in Wireless Industrial Automation Networks” in 4th IEEE International Conference on Communication and Signal Processing (ICCSP), organized by Adhiparasakthi Engineering College, Melmaruvathur.
- Presented Paper titled “Implementation of Intelligent wireless monitoring and control system for wind power station through Zigbee protocol” in International Conference on Knowledge Collaboration in Engineering (ICKCE), organized by Kathir College of Engineering, Coimbatore.
- Presented Paper titled “Wireless Industrial Monitoring and Control Network for Process Control Applications” in International Conference on Green Technologies for Power Generation, Communication &Instrumentation, organized by St.Peter’s University, Chennai.
- Presented Paper on “Wirefree Relay Model based Industrial Monitoring and Control” in International Conference on Advancements in Computing, Power and Control, organized by Christian College of Engineering &Technology, Oddanchatram.

- Presented Paper titled “Implementation of Industrial Wireless Sensor Network” in International Conference on Advanced Communication, Control and Computing Technologies, organized by Syed Ammal Engineering College, Ramanathapuram.
- Presented Paper titled “Implementation of Wireless Data Transmission in Monitoring & Control” in 2nd IEEE International Conference on Communication and Signal Processing (ICCSP), organized by Adhiparasakthi Engineering College, Melmaruvathur.
- Presented Paper titled “Implementation of Wireless Data Transmission in Monitoring & Control” in 2nd IEEE International Conference on Communication and Signal Processing (ICCSP), organized by Adhiparasakthi Engineering College, Melmaruvathur.
- Presented Paper titled “Industrial Automation by Deploying Zigbee” in National Level conference organized by K.S.R. College of Engineering & Technology.
- Presented Paper on “HAN & Industrial Automation by Deploying Zigbee” in ISTE State level convention organized by PSNA College of Engineering & Technology & Got **Best Paper** Award.
- Presented Paper titled “JIT Approach” in National Seminar on Total Quality Management organized by Karpagam College of Engineering.

Faculty Development Programmes Attended

- Undergone One Week AICTE Sponsored Online Short Term Training Program (STTP) Phase-IV “Renewable Energy Development in Deregulated Power Market: Future Scenario” (RDDPF -2020) held from July 27th – August 1st, 2020, at Jayamukhi Institute of Technological Sciences, Warangal, Telungana State.
- Undergone 8 Weeks (Jan-Mar 2019) Short Term course on “**Advanced Power Electronics & Control**”, successfully completed and awarded NPTEL online Certification.
- Undergone Short term course on “**Power Electronics and its Applications**” at Syed Ammal Engineering College, Ramanathapuram, Sponsored by NITTT Chandigarh from 27.11.2017 to 01.12.2017.
- Undergone one day Faculty Development Program on “**Modern Tool Usage in Teaching**” at Syed Ammal Engineering College, Ramanathapuram on 13.12.2016.
- Undergone one day Faculty Development Program on “**How to be an interesting and inspiring teaching professional?**” at Syed Ammal Engineering College, Ramanathapuram on 20.08.2016.
- Undergone Faculty Development Training Program on “**Solid State Drives**” at Syed Ammal Engineering College, Ramanathapuram, Sponsored by Anna University Chennai from 30.11.2015 to 06.12.2015.
- Undergone Faculty Development Program on “**Renewable Energy Sources**” at Syed Ammal Engineering College, Ramanathapuram, Sponsored by All India Council for Technical Education from 04.10.2013 to 17.10.2013.
- Undergone UGC Sponsored Short-term course on “**Research Methodology, Techniques of Writing Research Articles for SCI Journals and Ph.D Thesis Preparation**” at Anna University, Chennai from 08.03.2013 to 09.03.2013.
- Undergone one day Faculty Development Program on “**Soft Skills in English for Technocrats**” at Anna University of Technology, Madurai on 15.03.2012.
- Undergone Master Trainer Program on “**Communication Skills**” at Vickram College of Engineering, Organised by ICT Academy of Tamilnadu from 14.02.2012 to 15.02.2012.
- Undergone Faculty Development Program on “**Project Management Concepts**” at Cognizant Technology Solutions, Organised by CTS and ICT Academy of Tamilnadu from 30.01.2012 to 31.01.2012.

- Participated in Faculty Development Program on “**Research Methodologies**” at Syed Ammal Engineering College, Ramanathapuram, from 27.08.2011 to 28.08.2011.
- Undergone National Level Faculty Development Program on “**Research Methodologies**” at Syed Ammal Engineering College, Ramanathapuram from 16.04.2010 to 17.04.2010.
- Participated in “**Mission 10 X Workshop**” organized by Wipro at Syed Ammal Engineering College, Ramanathapuram from 15.02.2010 to 19.02.2010.
- Participated in “**Self Awareness Program**” organized by Deeksha Mentors at Syed Ammal Engineering College, Ramanathapuram on 08.10.2009.
- Undergone Course on “**Professional Ethics**” at Sri Krishna College of Engineering, Coimbatore, Organised by Centre for Faculty Development, Anna University, Chennai from 21.06.2004 to 26.06.2004.
- Undergone Course on “**Effective Teacher**” at Jansons School of Business, Coimbatore, Organised by Centre for Faculty Development, Anna University, Chennai from 01.09.2003 to 05.09.2003.
- Undergone Course on “**The Art of Team Building & Leadership**” at Jansons School of Business, Coimbatore, Organised by Centre for Faculty Development, Anna University, Chennai from 18.07.2003 to 20.07.2003.

Seminar, Workshops Attended

- Participated in One day faculty orientation programme on “**Soft Skills and Understanding the Psychology of current generation students**” at Syed Ammal Engineering College, Ramanathapuram on 09.12.2019.
- Participated in One day “**Capacity Building Workshop for Professors on Personality, Profession and Passion**” at Syed Ammal Engineering College, Ramanathapuram on 25.06.2019.
- Participated in “**IEEE Mini POCO 2018**”, Organized by IEEE Madras Section, at Madurai on 15.09.2018.
- Participated in One day National Level Workshop on “**How to Write Good Scientific Project Proposals**” at Syed Ammal Engineering College, Ramanathapuram on 04.08.2018.
- Participated in “**IEEE Mini POCO 2016**”, Organized by IEEE Madras Section, at Chennai on 28.02.2016.
- Participated in “**IEEE Conference Organizers Workshop 2015**” at Tata Consultancy Services, Hyderabad on 25.04.2015.
- Participated in IEEE international Conference on “**Advanced Communication, Control and Computing Technologies**” at Syed Ammal Engineering College, Ramanathapuram from 08.05.14 to 10.05.14.
- Participated in Oneday Workshop on “**Quality Improvement Cell (QIC)**” at Mohamed Sathak Engineering College on 04.02.2014.
- Participated in Oneday Workshop on “**Research Challenges in Wireless Sensor Networks**” at KONGU Engineering College from 26.07. 2013 to 27.07.2013.
- Participated in Seminar on “**Zigbee Based Wireless Sensor Networks**” at VIT University, Chennai on 13.04.2013.
- Participated in IEEE international Conference on “**Advanced Communication, Control and Computing Technologies**” at Syed Ammal Engineering College, Ramanathapuram from 23.08.12 to 25.08.12.
- Participated in Seminar on “**How to Succeed in your Ph.D- An International Perspective**” at Syed Ammal Engineering College, Ramanathapuram on 13.01.12.
- Participated in the conference “**HR Caucus’11**” on 20.08.2011 organised by VOLTECH HR Services, at Chennai.

- Participated in Three Days Faculty Development Program on “**IBM Community Edition Workshop**” during 17th – 19th September 2008 at Syed Ammal Engineering College, Ramanathapuram.
- Participated in “ **A Two Day Progressive Ph.D Aspirants Meet on Research Excellence**” organized by NEC, Kovilpatti, from 23.11.2007 to 24.11.2007.
- Participated in AICTE Sponsored Seminar on “**High Performance Computing**” at KONGU Engineering College, Perundurai from 03.08.2007 to 04.08.2007.
- Undergone Course on “**Orientation Programme for Placement and Training Officers**” at Anna University from 05.05.2005 to 06.05.2005.
- Participated in Program on “**Total Quality Management**” organized by, Quality Circle Forum of India, Madurai from 09.10.2004 to 10.10.2004.
- Participated in AICTE Sponsored workshop on “**Accreditation A Right Approach**” organized by Thiagarajar College of Engineering, Madurai, on 01.05.2004.
- Participated in “**Orientation Programme for Placement and Training Officers**” at Anna University, Chennai from 23.01.2003 to 24.01.2003.
- Participated in workshop on “**Quality in Engineering Education**” organized by Bannari Amman Institute of Technology, Erode on 21.09.2002.

Responsibilities Undertaken

- Parent – Teacher Association – Convener (2003 – 2004)
- SAEC Alumni Association – Vice-President (2003 – 2004)
- Indian Society for Technical Education (ISTE) – Convener (2003 – 2005)
- Annual Magazine Convener - (2004 – 2005)
- Computer Society of India – Convener (2007 – 2011)
- ICT Academy – Convener (2009 – 2011)
- Training & Placement Officer (2001-2005) & (2011-2013)
- ISO – Coordinator (2003 - 2005) & (2022 - Till Date)
- NBA – Coordinator (2008 – 2010) & (2023 - Till Date)
- NAAC – Coordinator (2023 - Till Date)
- Head of the Department – Computer Science Engineering (2007 – 2011)
- Head of the Department – Electrical & Electronics Engineering (2023 – Till Date)

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