

RESUME

Dr.P. SATHISH BABU

Assistant Professor (Selection Grade)

Master Trainer-TNYEIDP 2025

EDII-Chennai



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[Dr.P.Sathish Babu - Google Scholar](#)

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Professional Experience

- Assistant Professor (Selection Grade) in Department of EEE at Anna University, University college of Engineering, Panruti from 03.09.2018 onwards
- Assistant Professor(Senior Grade) in Department of EEE at Anna University, University college of Engineering, Panruti from 02.09.2014 to 02.09.2018.
- HOD i/c in EEE at Anna University, University College of Engineering, Ramanathapuram from 14.11.11 to 30.08.14.
- Assistant Professor in EEE at Anna University, University college of Engineering, Ramanathapuram from 2.09.2009 to 13.11.11.
- Senior lecturer in the Department of EEE at Rajalakshmi Engineering College, Thandalam, Chennai from 02 July 2008 to 31 August 2009.
- Senior lecturer in the Department of Electrical and Electronics Engineering at SreeSastha Institute of Engineering and Technology, Chembarambakkam, Chennai from 10.06.2007 to 15.05.2008.
- Senior lecturer in the Department of EEE at Mailam Engineering College, Mailam from 01.02.2005 to 01.06.2007.

Academic Qualifications:

- October 2016: **Ph.D. in the Faculty of Electrical Engineering**

Thiagarajar College of Engineering, Madurai (Anna University, Chennai)

Area of research - Power quality improvement using Custom Power Devices

- April 2005: **M.E., in Power Electronics and Industrial Drives. (First Class with Distinction)**

Sathyabama Institute of Science and Technology, Chennai.

- April 1999: **B.E., in Electrical and Electronics Engineering (First Class)**

University of Madras, V.M.K.V. Engineering College, Salem

Academic and Additional Responsibilities held

- Head, Department of Electrical and Electronics Engineering, University College of Engineering, Ramanathapuram from 14.01.2011 to 30.08.2014.
- Member of the inspection Committee for the grant of affiliation to the Colleges affiliated to Anna University Chennai.
- Camp officer for University Central Valuation
- RRC Coordinator, University College of Engineering, Ramanathapuram from 09.09.2009 to 30.08.2012.
- EDC coordinator, University College of Engineering, Panruti
- Electrical Maintenance Coordinator, University College of Engineering, Panruti

Research Experience

- Recognized Supervisor for Ph.D. and M.S. (Research), Anna University Chennai.
- Number of Research Scholars doing Ph.D. under my guidance: 4
- Anna University Doctoral Committee member

Industrial Training Participated

1. Successfully completed two weeks Industrial training on Power Generation Technologies from 22.06.2022 to 05.07.2022 at NLC organized by NPTI, Neyveli.

2. Successfully completed three weeks Industrial training on Communication and Networking Technologies from 08.06.2020 to 26.06.2020 at BSNL Panruti organized by Rajiv Gandhi Memorial Telecom Training Center, BSNL Meenambakkam, Chennai-600016.

Online Courses Participated

1. Successfully completed AICTE “Eight module course” conducted by NITTTR held on Feb 2024.

2. Swayam online course of three credit conducted by **NITTTR-Chennai** on “**Transforming instruction through Blended Classroom**” with the consolidated score of 67% in the proctored examination held on 23.05.19.

3.NPTEL-AICTE online course conducted by **IIT Kharagpur on Accreditation and outcome base learning**” with consolidated score of 82% with **Elite-silver certification** during August – October 2019.

4.Participated in the Online AICTE Recognized Faculty Development Programme on **Employability Skills for Industry 4.0 from 13/07/2020 to 17/07/2020 (One Week)** Organized by **Entrepreneurship Development and Industrial Coordination Department NITTTR, Chandigarh.**

5.Successfully completed a 2-Week Faculty Development Programme on "MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0" from July 25 - August 10,2020 and obtained grade A+ conducted by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of **MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.**

6.Participated in **Faculty Development Programme** from 2020-10-12 to 2020-10-16 on **Moodle Learning Management System** organized by **Centre for Faculty Development, Anna University, Chennai** with course material provided by Spoken Tutorial Project, **IIT Bombay.**

7.Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online FDP** on "Cutting Technologies in Energy Storage Systems for E-Mobility " from 30-11-2020 to 4-12-2020 conducted by **University College of Engineering Villupuram.**

8.Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online FDP** on "Electric Vehicles" from 14.06.2021 to 18.06.2021 conducted by **KPR Institute of Engineering and Technology, Coimbatore.**

9.Participated in 5 days online FDP on the theme “**Inculcating Universal Human values in Technical Education**” from 09.05.2022 to 13.05.2022. organized by **All India Council for Technical Education (AICTE).**

PUBLICATIONS

International Journals

1.Gowri Subthra ,**Sathish Babu P,**”Precision Measurement and Feature Selection in Medical Diagnostics using Hybrid Genetic Algorithm and support vector machine” ,Measurement Science and Review, Volume 25, Issue 4 (August 2025).

2.Zamrooth D.,**Babu, P.S.,**Krishnan, T.S ,”2D rGO-decorated mixed phase MoS₂/Ni_xCo_{1-x}S₂ composite: A high-performance counter electrode for DSSC applications,” Journal of Electronic Materials-Volume 54, Pages 5447-5461 (May 2025).

3.Krishnan, T.S., **Babu, P.S.,** Praveen, M. *et al.* Fabrication of Ultrathin rGO Sheet-Wrapped Mixed-Phase MnSe₂/CoSe₂ Nanocomposite for High-Performance Supercapacitor Electrodes

with Long-Term Stability. *J. Electron. Mater.* 53, 5273–5285 (2024).
<https://doi.org/10.1007/s11664-024-11257-9>.

4. **Sathish Babu Pandu et al.** (2024). ANFIS Controlled fuel cell Powered series active filter for voltage waveform augmentation in the Distribution grid. *e-Prime-Advances in Electrical Engineering, Electronics and Energy* 7, 100425. <https://doi.org/10.1016/j.prime.2024.100425>.

5. **Karthick R , Sathish Babu P , Annadurai M B** (2023). Electric Vehicles Battery Management Network Using IoT Blockchain, *International Journal of Multidisciplinary Research Transactions IJMRT*: Volume (5), Issue 12, 2023 ISSN (Print):2663-2381 ISSN(Online):2663-4007, <https://doi.org/10.5281/zenodo.10711761>.

6. **Sathish Babu Pandu et al.** (2022). Artificial Intelligence Based Solar Radiation Predictive Model Using Weather Forecasts. *CMC-Computers, Materials & Continua*, 71(1), 109–124, 2022.

7. **Sathish Babu Pandu et al** (2021) Stability Analysis and Region in Control Parameter Space 1. of Thermal System with Constant Delays, *Control Engineering and Applied Informatics*, Vol.23, No.3, pp. 24-31, 2021.

8. **Sathish Babu P et al** (2022) SOFC-Supported Hybrid PSOGSA-Optimized Dynamic Voltage Restorer for Power Quality Enhancement *Journal of Circuits, Systems and Computers*, Vol 31.No.12250006(24 Pages) <https://doi.org/10.1142/S0218126622500062>.

9. **Sathish Babu Pandu et al.**, "Power Quality Enhancement in Sensitive Local Distribution Grid Using Interval Type-II Fuzzy Logic Controlled DSTATCOM," in *IEEE Access*, vol. 9, pp. 59888-59899, 2021, doi: 10.1109/ACCESS.2021.3072865.

10. **P. Sathish Babu, C.K. Sundarabalan, C. Balasundar, T. Santhana Krishnan**, Fuzzy logic based optimal tip speed ratio MPPT controller for grid connected WECS, *Materials Today: Proceedings*, Volume 45, Part 2, 2021, Pages 2544-2550, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2020.11.259>.

11. **S. Krishnaveni, S. Senthil Raja, T. Jayasankar, P. Sathish Babu**, Analysis and control of the motor vibration using arduino and machine learning model, *Materials Today: Proceedings*, Volume 45, Part 2, 2021, Pages 2551-2555, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2020.11.261>.

12. **Sathish Babu, Pandu & Kamaraj Nagappan** 2015, 'A novel multiobjective control of DVR to enhance power quality of sensitive load', *The Scientific World Journal*, vol. 2015, Article ID 385109, 10 pages, doi:10.1155/2015/385109.

13. **Sathish Babu, P & Kamaraj N** 2014, 'Performance analysis of DVR using ANN controller for voltage quality enhancement', *Applied Mechanics and Materials*, Vol. 573, pp. 356-361.

14. **Sathish Babu, P & Kamaraj N** 2015, 'Investigation of power quality indices of sensitive load using adaptive fuzzy PI and ANFIS optimized fuzzy controller based dynamic voltage restorer', *International Journal of Applied Engineering Research*, Vol. 10, no. 55, pp. 301-317, Research India Publications.

15. **Sundarabalan, CK & Sathish Babu, P** " Unified Power Quality Conditioner for Enhancement of Power Quality and Hybrid Power Generation Injection to Grid (source side fault) " published in *International Journal of Modern Engineering Research (IJMER)*, Vol.2, Issue 2, April 2012, pp-493- 499.

- 16.Sundarabalan, CK&Sathish Babu,P” Mitigation of power quality issues using Distributed generation based Custom power device”published in CIIT international Journal, July 2012,DOI:PDCS072012036.
- 17.CK Sundarabalan, P Sathish Babu ,2012 “Dynamic Control of Power Distribution system and Hybrid Power Generation Injection to Grid using UPQC”, Automation and Autonomous System 4, 151-157.
- 18.CK Sundarabalan, P Sathish Babu 2012, Mitigation of Power Quality Issues using Distributed Generation based Custom Power Device, Programmable Device Circuits and Systems 4, 662-668.
- 19.Sivakumar,S&Sathish Babu,P”Design, Modeling and Hardware Implementation of MPPT controlled Grid connected Hybrid system with smart tracker and improved power quality” published in International Journal of Innovative Research & Development, Vol. 2 Issue 6, June 2013,pp.665-688.
- 20.Pughazendhi D & Sathish Babu,P” A Novel Nine Switch Converter for solar Energy Generation Systems”, Published in International Journal of Emerging Trends in Electrical and Electronics (IJETEE-ISSN:2320-9569),Volume 3,Issue 1,May 2013 ,pp- 83-87.

Papers presented in International and National conferences

- 1.“Dynamic Control of Power Distribution system and Hybrid Power Generation Injection to Grid using UPQC (Load side fault) “ in International Conference on computing and Control Engineering (ICCCE-2012) at Dr. M.G.R. University on 13th April 2012 and published in proceedings pp 150-151.
- 2.“Implementation of Soft Computing Techniques in UPQC to Protect a Sensitive Load on a Polluted Distribution Network (ICMOC-2012)“ in International Conference on Modeling Optimization and Computing at Noorul Islam University, on 10th April 2011 and published in proceedings pp 1326-1334.
- 3.”Detection and Classification of voltage disturbances “in National conference on optimization techniques in Engineering sciences and Technologies” (OPTTEST-2012) organized by Bannari Amman Institute of Technology, Sathyamanagalam, Tamil Nadu.
- 4.”Performance Investigation of Dynamic Voltage Restorer Using PI and Fuzzy Controller”,IEEE International Conference on Power, Energy and Control, published in IEEE digital explorer pp. 467-472,held at PSNA College of Engineering and Technology during February 06-08,2013.
- 5.” Performance Analysis of DVR using ANFIS Controller for Voltage Quality Enhancement”,in International Conference on Advancement in Automation and Control Technologies ICCAC 2014 on 11-12 April 2014 and Published in conference proceedings at Syed Ammal Engineering College,Ramanathapuram.
- 6.”Investigation of power Quality Indices of sensitive load using Adaptive fuzzy Pi and ANFIS optimized fuzzy controller based Dynamic Voltage restorer in the International Conference on

Advances in Applied Engineering and Technology 2015 organised by Syed Ammal Engineering College, Ramanathapuram on May 14-16, 2015.

7. "Photovoltaic based Series Compensator for power Quality improvement" in the National Conference on "Emerging Trends in Electrical Science" on 27th and 28th February 2013 organised by Association of Electrical and Electronics Engineers, Institute of Road and Transport Technology, Erode.

8. "SMES based Series Compensator under distorted utility Condition" in the National Conference on "Emerging Trends in Electrical Science" on 27th and 28th February 2013 organised by Association of Electrical and Electronics Engineers, Institute of Road and Transport Technology, Erode.

9. "Cascaded Multilevel Inverter based Dynamic Voltage Restorer in Distribution System" in the National Conference on "Emerging Trends in Electrical Science" on 27th and 28th February 2013 organised by Association of Electrical and Electronics Engineers, Institute of Road and Transport Technology, Erode.

10. "Sliding mode control of Dynamic Voltage Restorer in Distribution System" in the National Conference on "Emerging Trends in Electrical Science" on 27th and 28th February 2013 organised by Association of Electrical and Electronics Engineers, Institute of Road and Transport Technology, Erode.

11. "Design, Modeling and Hardware Implementation of MPPT controlled Grid connected Hybrid system with multifunctional tracking system" in TEQIP sponsored 6th National Conference on Electrical and Instrumentation Systems – NCIS'13, conducted by Government College of Technology, Coimbatore on 13th, April 2013.

12. "Design, Modeling and Hardware Implementation of multiple maximum power point trackers for multistring PV panel in grid connected system" in DRDO sponsored National Conference on Innovations in Engineering & Technology – IET'2013 conducted by Anna University – Regional Centre, Madurai on 27th & 28th, March 2013.

13. "Implementation of MPPT controlled Grid connected Hybrid RES with power quality improvement" in the National Conference on Power Initiatives – 'NCPI 2k13' conducted by K. Ramakrishnan College of Engineering, Trichy on 12th, March 2013.

14. "Interconnection of renewable Energy resources to the Distribution grid", in National conference on Control of Electrical Power Apparatus held at Government College of Engineering, Tirunelveli on 5.4.13, published in the conference proceedings, page no. 171-175.

15. "An Inverter Based Interconnection of renewable Energy resources to the Distribution grid Using ANFIS Controller", in National conference on Emerging Trends in Engineering and Technology held at PSN College of Engineering and Technology, Tirunelveli on 11.04.13 & 12.04.13, published in the proceedings, page no. 280-284.

16. "Matrix converter based Series compensator for mitigating power quality disturbances", in National conference on Emerging Trends in Engineering and Technology held at PSN College of Engineering and Technology, Tirunelveli on 11.04.13 & 12.04.13, published in the proceedings, page no. 304-307.

17."Fuzzy Logic based Dynamic Voltage Restorer for voltage sag mitigation" in the third national level conference on Drastic Innovations in Energy Thrive held on 24th March 2016.

18."Particle swarm optimization controlled Dynamic voltage restorer for voltage quality Enhancement" in the International conference on Computing, Communication and Drastic innovations in Energy Thrive held on 28th February and 1st March 2018.

19."SOFC supported Intelligent controlled DVR for mitigating power quality disturbances" in the International conference on computing ,Information, Electronics and Electrical held at Idhaya Engineering College for women on 21.02.2020.

20."Augmentation of Power Quality for Sensitive Load usinga Novel Multi Objective PSO optimized Fuzzy Control of DVR" in the 30th International Multi-Disciplinary conference on Arts, Science, Management, Engineering and Technology held at BITS PILANI, Dubai, UAE February 25 2024.

21."Power quality Enhancement in Microgrid for Grid connected Electric vehicle charging infra-structure-A critical Review" in the 30th International Multi-Disciplinary conference on Arts, Science, Management ,Engineering and Technology held at BITS PILANI, Dubai, UAE February 25 2024.

22."Mitigation of Power quality Problems and Improvement of Power Quality using Unified Power Quality Conditioner" in the 7th international conference on Computing information Electronics and Electrical Engineering held at Idhaya Engineering College for women, chinnasalem on 27th April 2024.

23."An Automated convolutional Neural Network Based system for study of Breast cancer Histopathological Image Classification" in the 7th international conference on Computing information Electronics and Electrical Engineering held at Idhaya Engineering College for women, chinnasalem on 27th April 2024.

Book Published

1. Power Quality Enhancement using DVR , Lap Lambert Academic Publishing, Germany,

ISBN 978-3-330-34862-2, 1st Edition, 11 July 2017.

2. AICTE book Translation work Assignment in Tamil-Induction ,Synchronous and Special Electrical Machines for the Fourth Semester Diploma Course.(In Publication).

Patent

1. Application No.201941053865A "Design of Compression Machine for effective phase change of Rapid Auto Ignition" Publication Date:03.01.2020, The Patent Office Journal No.01/2020 Dated 03/01/2020 .

2. Registration of Design NO:430982-001 : "IoT based Breath Analyser" dated 19.09.2024, The Patent office, Government of India.

FDP,WORKSHOP Participated

1. **Ministry of Non-Conventional Energy sources and Tamilnadu Energy development Agency** sponsored one day national seminar held on the occasion of celebration of Rajiv Gandhi Renewable Energy Day on **20th August 2006** conducted by the Mailam Engineering College,Mailam.
- 2.**Centre for Faculty Development,Anna University Chennai** Sponsored Faculty development programme on**“Non-Linear Control System”** at College of Engineering, Guindy, from **4th December to 16th December 2006**.
- 3.**AICTE-ISTE** sponsored training programme on**“Emerging trends in Embedded and Wireless Technology”** held during **19th -23rd march 2007** at Mailam Engineering College,Mailam.
- 4.**UGC** Sponsored workshop on **“Power Electronic Simulation Using SABER,PSPICE, MATLAB and CASPOC-03”**organised by the department of Electrical and Instrumentation Engineering, Faculty of Engineering and Technology, Annamalai University during **24th and 25th March 2007**.
- 5.National Seminar on **“Nano Science and Technology-Challenges ahead”** organized by Vellammal Engineering College, Chennai in Association with **IGCAR,Kalpakkam** on **19.08.2008**.
- 6.Short term training programme on **“Application of power Electronics to power transmission and distribution system ”**“organized by the Department of Electrical and Electronics Engineering,Prathyusha Institute of Technology and Management,Aranvoyalkuppamon **26th and 27th December 2008**.
- 7.Twodays workshop on **“Energy management and conservation in Modern buildings”** organized by the Department of Electrical and Electronics Engineering, Anna University of Technology Tiruchirappalli on **20th and 21st of December 2010**.
- 8.**Anna University of Technology Madurai** organized one day workshop on” **ResearchMethodology: objectives and Approaches”** on **29 December 2010** at Madurai.
- 9.Two days faculty development programme on**”Discrete and Fuzzy Mathematics”** organized by Anna University of technology Madurai,Ramanathapuram campus on **07th and 08th April 2011**.
- 10.**NITTR** sponsored Training Programme on **“Instructional Design and Delivery”** conducted by this institute at Anna university of Technology Madurai from **13th to 15th July 2011**.
- 11.Three days’ workshop on **“Virtual Instrumentation”** conducted by Anna University of Technology Madurai jointly with **National Instruments,Bangalore** from **17th to 19th August 2011**.
- 12.**IEEE Madras Section** organized Faculty Development programme on” Wavelets and its Applications “ at Anna University of Technology-Madurai, during **5th and 6th November 2011**.

13.AICTE Sponsored Staff Development Programme on “**Research methodologies and issues in Engineering**” organized by Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai from **12.12.2011 to 24.12.2011**.

14.Council of Scientific and Industrial Research (CSIR), New Delhi Sponsored two-day workshop on “Smart Grids” organized by Anna University of Technology, Madurai on 27-28 July 2012.

15.Participated in “4th National Power Engineering conference 2013” organized by Department of Electrical and Electronics Engineering on 2nd & 3rd March 2013.

16.TEQIP sponsored two-day FDP on” **Smart grid technologies -Issues and Challenges**” organized by the department of Electrical and Electronics Engineering in collaboration with **Central Power Research Institute, Bangalore,during 18.10.13 and 19.10.13.**

17.TEQIP sponsored one week faculty development programme on “**Power Quality issues in contemporary and future power networks**” organized by Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai from **27.11.13 to 3.12.13.**

18.TEQIP II sponsored one week faculty development programme on “**Intelligent controllers in renewable Energy systems**” organized by Department of Electrical and Electronics Engineering, Alagappachettiar College of Engineering and Technology, Karaikudi from **28.05.14 to 03.06.2014.**

19.Three days training programme on “ Cadence OrCAD simulation and PCB design software” from **12-08-2014 to 14.08.2014** at University College of Engineering, Villupuram conducted by **FTD Automation Pvt. Ltd., Bangalore.**

20.NSTEDB,Department of Science and Technology,Government of India, New Delhi sponsored two week faculty development programme on “Entrepreneurship” organized by PSG-STEP, Coimbatore during the period **May 18-29 ,2015.**

21.TEQIPsponsored program organized by Centre for Faculty Development, Anna University, Chennai in **Collaboration with IT-ITeS Sector skills council NASSCOM** Train the Trainer program on “**Foundations Skills in Integrated Product Development (FSIPD)**” from **27.09.15 to 1.10.2015.**

22.Institution of Engineers (India)Kolkata Sponsored two days lecture workshop on “**Challenges and Opportunities in Power Electronics Research**” on **21st and 22nd April 2017.**

23. Participated in the 25th Edition of BRIDGE2017-Chennai (The largest Industry-Institute Interaction Event of India),organized by **ICT Academy** held on 1st march 2017 at ITC Grand Chola, Chennai.

24.“Two days meet on Industry Institute Collaboration” jointly organized by EDI Chennai, EDC Anna University Regional Campus Coimbatore, EDC Coimbatore Institute of Technology, Coimbatore on 17th and 18th March 2017 at Jenny’s Residency, Coimbatore.

25. AICTE sponsored Two-week faculty development programme on “Smart Grid and Internet of things: The future Energy delivery system organized by Sri Ramakrishna Engineering College, Coimbatore from 27.11.2017 to 10.12.2017.

26. Participated in the 32nd Edition of BRIDGE2018-Chennai (The largest Industry-Institute Interaction Event of India), organized by **ICT Academy** held on 28th march 2018 at ITC Grand Chola, Chennai.

27. Anna University Approved seven days FDTP on “EE8391-Electromagnetic theory” from 18.06.2018 to 24.06.2018 conducted by Excel College of Engineering and Technology, Komarapalayam.

28. Anna university CFD sponsored two-week FDP programme on “Electrical Machines-II “from 28.11.2018-11.12.2018.

29. Participated in FDP on “Entrepreneurship and Start-Up’s” jointly organized by CED, Anna University, Chennai & EDII -Ahmedabad between 20.02.2022 to 12.03.2022 at CED, Anna University, Chennai-600025.

30. Nan Mudhalvan Sponsored one week Train the Trainer Program on” Powering of IoT using ARDUINO/RASBERRY PI” from 26.09.2022 to 30.09.2022 conducted by Skills DA at Saranathan College of Engineering, Trichirappalli.

Workshop, Seminar Conference and symposium Organized

1. Covenor-One day workshop on “Recent trends in HVDC and FACTS Controllers” organized by Energy engineers Association for Technical Accomplishments (EEATA), Department of Electrical and Electronics Engineering, University College of Engineering, Ramanathapuram on 18.09.2012.

2. Convenor- “Project design and Demo contest 2014” organized by Energy Engineer’s Association for Technical Accomplishments (EEATA), Department of Electrical and Electronics Engineering, University College of Engineering, Ramanathapuram on 13th March 2014.

3. Co-Ordinator-Third national Conference on” Drastic Innovation in Energy Thrive organized by SCOPE, Department of Electrical and Electronics Engineering Student Association, University College of Engineering, Panruti on 24th March 2016.

4. Co-Co-Ordinator International Conference on Computing, Communication and Drastic Innovations in Energy Thrive organized University College of Engineering, Panruti held on 28th Feb and 1 March 2018.

Lectures Delivered

1. “Control systems- Compensators” on 05.12.2019 as part of Seven days Faculty Development programme on control systems, organized by Department of Electrical and Electronics Engineering, Vivekanda Engineering college for women, Thiruchengode.

2. “Introduction to Cycloconverter and Matrix Converter” on 14.05.2017 as part of Seven days Faculty Development programme on Power Electronics and Drives, organized by Department of Electrical and Electronics Engineering, University College of Engineering, Kanchipuram

3. Invited as jury for major project contest-2016 and delivered motivational talk on Buildings self confidence on 06.04.16 conducted by Electrical and Electronics Engineering & Electronics and Communication Engineering, V.R.S College of Engineering and Technology, Arasur, Villupuram.

4. Invited as jury member for the internal Symposia GENERIX 17 organized by the department of EEE, IFET College of Engineering and Technology as part of “Techno Vision-17” on 18.02.17.

5. Invited as chief guest for Valedictory and jury for the 3rd national level Technical Symposium FORZA’16 organized by Department of EEE, St Anne’s College of Engineering and Technology, Anguchettipalayam, Panruti. on 19 September 2016.

6. Technical Seminar on “Smart Grid” delivered on 02.05.2024 Conducted by Electrical and Electronics Engineering, Krishnasamy College of Engineering Technology, Cuddalore.

7. Embedded Systems: **An Interpretation of Industry 4.0: Its Needs and Difficulties** on 06.01.2025 as part of AICTE ATAL Faculty Development programme, organized by Department of Electronics and Communication Engineering, MRK Institute of Technology, Kattumannarkoil.

8. Guest lecture on “Renewable Energy Sources” delivered on 29.04.2025 at University College of Engineering, Tindivanam.

9. Motivational Talk on “Creativity and Innovation in Entrepreneurship” delivered on 30.07.2025 at Johndewey College of Arts and Science for women, Pulavanur, Panruti.

10. Technical Seminar on “Recent Trends in Power Generation Technologies” delivered on 09.09.2025 at St Anne’s College of Engineering and Technology, Panruti.

Certificate of Appreciation Received

For Excellent performance in University Examinations as faculty

1. Power Quality during academic year 2011-2012
2. Special Electrical Machines during December 2006.
3. Control Systems during April 2006.
4. Control Systems during Dec 2005.

Projects Guided

PG-15

UG-40

Awards

Served as Red Ribbon Club Program officer for the Academic year 2009-2010 and 2010-2011 in Anna University Tiruchirappalli, Ramanathapuram Campus and received **District Best RRC Program officer award from Government of Tamilnadu (TANSACS) for the year 2010.**

Countries visited:

Singapore, Malaysia and UAE