

Kings College of Engineering

Department of Electrical and Electronics Engineering

Name: Dr. A.ALBERT MARTIN RUBAN	
Designation :	Professor & CoE
Qualification :	
Area of Specialization :	Renewable Energy Sources, Smart grid and Wireless sensor network
Experience :	Teaching : 24 Yrs
	Industry:- 03 years 06 months
No. of workshop/Conferences/ FDP attended :	80
Publication :	Journal National: NIL International: 22
	Conference National: 09 International: 11
Membership :	ISTE, New Delhi (LM46662) ISRDI, UK (M3140900383)

BOOKS PUBLISHED

Category	Name of the Book	Year	Publications
Engineering	Microprocessor & Microcontroller	January 2010	Anuradha Publications (ISBN:978-81-8472-122-5)
Engineering	Power Electronics	July 2016	ARS Publications, (ISBN:978-93-84608-72-9)

JOURNAL PUBLICATIONS

1. **A. Albert Martin Ruban**, “Efficient Load Scheduling For Energy Management In residential Areas Using Artificial Intelligence With Integrated Hybrid Energy Source” International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications, Volume 8, Issue 5, ISSN No : 2456 - 8805, Page No: 9-15 **(2023)**
2. R. Anandaraj, **A. Albert Martin Ruban**, N. Rajeswari, K. Nithya “Optimised Domestic Load Scheduling for Power Management in Smart Grid”, GIS Science Journal, Volume 7, Issue 9, ISSN No : 2456 - 8805, Page No: 329 -334. **(2020)**
3. **A. Albert Martin Ruban**, “ Monitoring and controlling the surrounding parameters to enhance the earthworm breeding using sensor” International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications”, Volume 4, Issue 1, ISSN No : 1869 - 9391, Page No: 12. **(2019)**
4. R. Anandaraj, N. Kannan, G. Ganesan, **A. Albert Martin Ruban**, “Integrated Renewable Energy Sources for Smart Grid Environment”, Journal of Advanced Research in Dynamical and Control Systems, Issue: **04-Special Issue**, Pages: **1729-1735. (2018)**
5. R. Anandaraj, **A. Albert Martin Ruban**, N. Kannan, N. Rajeswari “A novel component less power quality improvement technique for renewable energy sources”, Research Journal of Humanities and Social Sciences, Volume 8, Issue 1, pp. 59 – 64. (2017)
6. S. Kannan, **A. Albert Martin Ruban** “ Data mining and optimization for effective decision making” , Research Journal of Humanities and Social Sciences, Volume 8, Issue 1, pp. 32 -36. (2017)
7. **A. Albert Martin Ruban**, K. Selvakumar, N. Hemavathi, N. Rajeswari, “ Hardware Realization of Two Level Fuzzy Based Energy Management System Using Wireless Sensor Network”, International Journal of Latest Engineering and Management

8. **A. Albert Martin Ruban**, N. Hemavathi, N. Rajeswari, K. Selvakumar, "Two Level Fuzzy Based Energy Management System with Integrated Solar and Wind Based Generating System in Smart Grid Environment" International Journal of Engineering and Technology (IJET), ISSN (Print) : 2319-8613, ISSN (Online) : 0975-4024. Vol 9 No 4, DOI: 10.21817/ijet/2017/v9i4/170904407, pp. 2754 – 2765. (2017)
9. **A. Albert Martin Ruban**, R. Anandaraj, K. Selvakumar, N. Kannan "Integrated Renewable Energy Sources with EMS using Fuzzy Control and WSN for Smart Grid Applications" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-6 Issue-11, pp. 9- 14. (2017)
10. S.Kannan, **A. Albert Martin Ruban**, M.Arun, "Intelligent Intrusion Detection System Using Genetic Algorithm", Journal of Advances in Chemistry, ISSN: 2321-807X, Volume 12 Number 17, pp. 5020 – 5025. (2016)
11. **Albert Martin Ruban A.** Anandaraj R.Selvakumar K; Rajeswari N, "A Novel Fuzzy Logic based Adaptive Duty Cycling for Wireless Sensor Networks", Asian Journal of Research in Social Sciences and Humanities Vol. 6, No. 12, pp. 194-203. ISSN 2249-7315. (2016)
12. **A. Albert Martin Ruban**, K. Selvakumar, "Fuzzy Control Based Renewable Energy Sources for DC Microgrid Applications using FPGA Platform with EMS", Journal of Advances in Chemistry, ISSN : 2321-807X, Volume 12, Number 14, pp. 4764 – 4773. (2016)
13. **A. Albert Martin Ruban**, G. Mathew Rajasekaran, N. Rajeswari, J. Arokia Raj "Implementation of Energy Management System using Fuzzy Control to the Hybrid Power Generation System for DC Microgrid Applications" International Journal of Electrical Engineering, Volume 8, Number 4, pp. 341-354, ISSN 0974- 2158. (2015)
(ANNA UNIVERSITY ANNEXURE -2).
14. **A. Albert Martin Ruban**, G. Mathew Rajasekaran, N. Rajeswari "Implementation of Energy Management System to PV - Wind Hybrid Power Generation System for DC microgrid Applications", International Research Journal of Engineering and Technology (IRJET), Volume 02, Issue 08, e-ISSN: 2395-0056, p-ISSN: 2395-0072 pp: 204-210. (2015)

15. **A. Albert Martin Ruban**, G. Mathew Rajasekaran, N. Rajeswari "Implementation of Energy Management System to PV-Diesel Hybrid Power Generation System for DC Microgrid Applications" International Journal of Recent Research in Electrical and Electronics Engineering(IJRREEE),Vol.2,Issue4,ISSN2349-7815,Page:7-15. (2015)
16. **A. Albert Martin Ruban**, G. Mathew Rajasekaran, N. Rajeswari "Implementation of Energy Management System to PV-Fuel cell Hybrid Power Generation System for DC Microgrid Applications" International Journal of Novel Research in Electrical and Mechanical Engineering, Vol. 2, Issue 2, ISSN 2394-9678, Page: 91-100. (2015)
17. **A. Albert Martin Ruban**, N. Rajeswari, G. Mathew Rajasekaran, "Controlling and Monitoring the performance of Overhead transmission line Parameters Using ZigBee and GSM with Fuzzy System" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10No.51 pp. : 297 – 302. (2015) (**ANNA UNIVERSITY ANNEXURE -2**).
18. **A. Albert Martin Ruban**, G. Mathew Rajasekaran. R. Poongodi, "Implementation of Energy Management System to PV-Wind-Diesel Hybrid Power Generation System for Smart Micro grid Applications", International Journal of Applied Engineering Research,ISSN0973-4562,Vol.10,No.51,pp.277-283.(2015)(**ANNA UNIVERSITY ANNEXURE- 2**).
19. **A. Albert Martin Ruban**, N. Rajeswari, "A Multi Input Rectifier Topology for Hybrid Wind Solar Energy System", Transactions on Engineering and Sciences ISSN: 2347-1964 (Online) 2347-1875 (Print), Vol. 2, Issue. 9, pp. 20 – 24. (2014)
20. C. Archana, N. Rajeswari, **A. Albert Martin Ruban**, "Implementation Of New Multilevel Inverter Using Minimum Number Of Components" International Journal of Advanced Research in Electrical, Vol. 3, Issue 3, ISSN: 2320-3765(PRINT) & 2278-8875(ONLINE)). pp.8207 – 8212. (2014)
21. **A. Albert Martin Ruban**, S. Sivaranjani, C. Senthamilarasi, "Implementation Of Three Stage Interleaved Soft Switching Boost Converter" International Society of Thesis Publication – Journal Of Research In Electrical And Electronics Engineering , Vol.3, Issue. 23, ISSN NO.: 2321-2667, pp: 45 – 51. (2014)
22. **A. Albert Martin Ruban**, C. Senthamilarasi, S. Sivaranjani "Modelling Of Digital

Controlled Battery Charger With CC And VC Without Current Feedback” International Journal of Advanced Research in Electrical, Vol. 3, Issue 3, ISSN:2320-3765(PRINT) & 2278-8875(ONLINE)). pp : 8213 – 8219. (2014)

CONFERENCE PUBLICATIONS

INTERNATIONAL CONFERENCE

1. **A. Albert Martin Ruban**, “Power quality Mitigation problems and Alternatives solutions” International conference on computing, communication and control (IC4), ISSN: 978-93-85057-32-8, Page No: 61 **(2023)**
2. **A. Albert Martin Ruban**, “ A single phase bidirectional electric drive reconstructed onboard converter for electric vehicles applications” International Conference on Research and Development in science, Engineering and Technology (ICRDSET), Organized By St Anne’s College of Engineering and Technology, 5th March 2021.
3. **A. Albert Martin Ruban**, “ PV Based Switched Capacitor Converter for NPC Inverter In Grid Coonected Applications” International Conference on Research and Development in science, Engineering and Technology (ICRDSET), Organized By St Anne’s College of Engineering and Technology, 5th March 2021.
4. **A. Albert Martin Ruban**, N. Rajeswari, G. Mathew Rajasekaran “Controlling and Monitoring the Performance of Overhead Transmission line using ZIGBEE and GSM with FUZZY system” International Conference on Innovative Research in Electrical Sciences -2015 Organized By E.G.S.Pillay Engineering College, Nagapattinam on 08.05.2015 & 09.05.2015.
5. **A. Albert Martin Ruban**, G. Mathew Rajasekaran, R.Poongodi “Implementation of Energy Management System to PV,WIND,DIESEL Hybrid Power Generation system for Smart Microgrid Applications” International Conference on Innovative Research in Electrical Sciences -2015 Organized By E.G.S.Pillay Engineering College, Nagapattinam on 08.05.2015 & 09.05.2015.
6. R. Anandraj, **A. Albert Martin Ruban** “Implementation Of Constant Current Battery Charger By Using Pi Controller” International Conference on Innovative Research in Engineering & Technology 2014 organized by E.G.S Pillay Engineering College, Nagapattinam on 02-05-2014 & 03-05-2014.
7. **A. Albert Martin Ruban**, Dr. K. Selvakumar “Fuzzy Logic Based Adaptive Duty Cycling For Mobile Nodes” in the International Conference on Innovative Research in Engineering & Technology – 2014 organized by E.G.S Pillay Engineering College,

Nagappattinam on 02-05-2014 & 03-05-2014.

8. **A. Albert Martin Ruban**, C. Senthamilarasi “Modeling of Digital Controlled Battery Charger with CC and VC Without Current Feedback” International conference organized by Pandian Saraswathi Engineering College, sivagangai on 07-03-2014.
9. **A. Albert Martin Ruban**, C. Senthamilarasi “A Multi Input Rectifier Toplogy For Hybrid Wind And Solar Energy System” International Conference on Futuristic Trends In Electronics Engineering organized by Thiruvalluvar College of Engineering & Technology, Vandavasi on 02-03-2014.
10. **A. Albert Martin Ruban**, S. Sivaranjani “Implementation Of Three Stage Interleaved Soft Switching Boost Converter” International Conference on Recent Trends in Engineering & Technology – 2014 organized by Oxford Engineering College, Thiruvannamalai on 01-03-2014.
11. **A. Albert Martin Ruban**, S. Elavarasi “Voltage Switch Stress Reduction Technique in Three- switch Active-clamp Forward Converter ” International conference organized by E.G.S. Pillay Engineering College, Nagapattinam on 29.03.2013 & 30.03.2013.
12. **A. Albert Martin Ruban**, N. Hemavathi “Real Time Harmonic Elimination PWM Control for Voltage Source Inverters” IEEE Sponsored (**Published In IEEE Xplore**) International Conference Organized By E.G.S. Pillay Engineering College, Nagapattinam on 30.03.2012 & 31.03.2012.

NATIONAL CONFERENCE

1. G. Jayachandran, **A. Albert Martin Ruban**, “ FPGA based performance maximization using digital single input fuzzy logic control for RT amplitude shifting application”, in the National Conference on Recent Trends in Communication & Networking – 2014 organized by A. R. J College of Engineering and Technology, Mannargudi on 08-03-2014.
2. **A. Albert Martin Ruban**, K. Priyadharshini “Design and Implementation of Radio frequency Based Maritime Boundary Identification Device”, National Conference organized by Kings College of Engineering, Punalkulam on 17.04.2013.

3. **A. Albert Martin Ruban**, “Design and Implementation of Reconfigurable Virtual Instrumentation Platform Using FPGA Technology”, National conference organized by Kings College of Engineering, Punalkulam on 15.03.2012.
4. N. Hemavathi, **A. Albert Martin Ruban** “Energy Efficient Grid Based Architecture for Wireless Sensor Networks”, National Conference organized by Arasu Engineering College, Kumbakonam on 02.03.2011.
5. N. Hemavathi , **A. Albert Martin Ruban** “Energy Harvesting in Dense Wireless Sensor Networks”, National Conference organized by Dhanakshmi Srinivasan Engineering College, Perambalur on 05.03.2010.
6. **A. Albert Martin Ruban**, N. Rajeswari “GSMA Based Asthmatic Diagnosing Using Genetic Mapping”, National Conference organized by Kings College of Engineering, Punalkulam on 24.03.2009.
7. **A. Albert Martin Ruban**, S. Sudha “Digital Video Water Marking with Genetic Algorithm” National Conference organized by Kings College of Engineering, Punalkulam on 06.03.2008 & 07.03.2008.
8. N. Hemavathi , **A. Albert Martin Ruban**, “A Design Method to Improve the Performance by Paralleling Current Mode Controlled DC-DC Converters” National conference organized by Kings College of Engineering, Punalkulam on 06.03.2008 & 07.03.2008.
9. **A. Albert Martin Ruban**, R. Pravina, “Improving the Performance of Buck-Boost Converter Using Current Mode Control and Voltage Mode Control” National Conference organized by Sudharsan Engineering College, Pudukkottai on 24.08.2007 & 25.08.2007.

SHORT TERM COURSES/FDP/SEMINARS/WORKSHOPS/CONFERENCES ATTENDED

S.No.	NAME OF THE EVENT	ORGANIZED BY	PERIOD(DATE)	
			FROM	TO
1	Short term training programme on“ PLC and LABVIEW Programming”	NITTR, Kolkata	06.12.21	10.12.21
2	Short term training programme on“ Solar Photovoltaic System”	NITTR, Kolkata	22.11.21	26.11.21

3	Short term training programme on“ Microprocessor 8085 & 8086”	NITTR, Kolkata	08.11.21	12.11.21
4	Short term training programme on“ Matlab Applications in Engineering”	NITTR, Kolkata	25.10.21	29.10.21
5	Short term training programme on“ machine learning with R programming	NITTR, Kolkata	27.09.21	01.10.21
6	Short Term Training Programme on “ Digital Twin Technology for Industrial Automation Process”	Sathyabama institute of Science and Technology, Chennai	05.10.20	10.10.20
7	Faculty Development Programme on “Nano material Synthesis, Process, Characterization and its Functional Applications”	Hindustan College of Engineering and Technology, Coimbatore	06.07.20	11.07.20
8	Faculty Development Programme on “ web Design and E-Documentation with Google”	Shri vithal Education and Research Institute, Pandharpur	29.06.20	30.06.20
9	Faculty Development Programme on “ Insights Into Cutting Edge Technologies”	R.M.D Engineering College, Chennai	17.06.20	20.06.20
10	Faculty Development Programme on “ IPRs for Professional Innovators”-Phase-1	AVIT – Vinayaga Mission’s Research Foundation	14.06.20	---
11	Faculty Development Programme on “ IPRs for Professional Innovators”-Phase-2	AVIT – Vinayaga Mission’s Research Foundation	15.06.20	---
12	Faculty Development Programme on “ IPRs for Professional Innovators”-Phase-3	AVIT – Vinayaga Mission’s Research Foundation	16.06.20	---
13	Faculty Development Programme on“ Introduction to VHDL & FSM”	Shrivithal Education and Research Institute, Pandharpur	20.06.20	21.06.20
14	Workshop on“ Patent Act, Drafting, Filing System and Challenges in India”	R.M.D Engineering College, Chennai	10.06.20	
15	Faculty Development Programme on “Renewable Energy Systems”	Panimalar Institute of Technology, Chennai	08.06.20	12.06.20
16	Faculty Development Programme on “ Applications of Artificial Intelligence In Smart Technology”	SSN College of Engineering, Chennai	07.06.20	---
17	Workshop on “Scope for Electric Vehicle”	Karpagam College of Engineering	29.05.20	---

18	Workshop on “Home Energy Assessment & Audit”	PSNA College of Engineering & Technology	18.05.20	19.05.20
19	Faculty Development Programme on “Effective Project Proposal Writing”	Velammal Engineering College, Chennai	08.05.20	09.05.20
20	Faculty development programme on Day 1: Way to Do Research in 5G Communication and Beyond Day2: E-skills and Research Tools: Easy way to Make your Research more Effective Day3: The art of writing a scientific article - Step by Step Guidelines	Rohini College of Engineering & Technology	04.05.20	06.05.20
21	E-content development in education sector	Dr.N.G. P Institute of Technology, Coimbatore	20.04.20	24.04.20
22	Short term training programme on “Control and Automation”	NITTR, Kolkata	18.11.19	22.11.19
23	Faculty Development programme on “ EE8251 – Circuit Theory”	University College of Engineering, Pattukkottai	11.11.19	16.11.19
24	Faculty Development programme on “Industrial Process Automation”	National Institute of Technology, Tiruchirappalli	02.08.19	08.08.19
25	Short term training programme on “NBA Accreditation”	NITTR, Kolkata	22.04.19	26.04.19
26	Short term training programme on “Advanced Process Control and Instrumentation System”	NITTR, Kolkata	07.01.19	11.01.09
27	One day workshop on ‘Embedded Controllers in Internet of Things’	Kings College of Engineering, Punalkulam	15.02.18	---
28	One day workshop on “ Soft Computing Techniques for Renewable Energy Sources”	Kings College of Engineering, Punalkulam	24.08.17	---
29	Faculty Development programme on ‘EE6501 – Power System Analysis’	University College of Engineering, Pattukkottai	10.05.17	16.05.17
30	Two days lecture workshop on “Challenges and Opportunities in Power Electronics Research”	E.G.S Pillay Engineering College, Nagappattinam	21.04.17	22.04.17
31	One day national level seminar on “Electromagnetic Theory”	Kongunadu College of Engg. & Tech, Namakkal	10.09.16	---

32	National Level Workshop on “Revealing the Advances in Material Science”	Sri Sairam Institute of Technology, Chennai	19.07.16	20.07.16
33	Workshop on “Fuzzy Logic and Neural Network using Matlab Programming”	Sir ISSAC Newton College of Engineering, Nagappattinam	31.01.15	---
34	Workshop on “Power Converter for Renewable Energy Applications”	E.G.S Pillay Engineering College, Nagappattinam	28.11.14	---
35	Faculty Development programme on “Wireless Sensor Network And Its Applications”	National Institute of Technology, Tiruchirappalli	12-05-14	16-05-14
36	Workshop on “Calibration of Instruments	Kings College of Engineering	26-07-13	
37	Workshop on “Fuzzy Systems and Applications”	National Institute of Technology, Tiruchirappalli	13.07.13	
38	Workshop on “Advanced Techniques in Electrical Systems”	Kings College of Engineering, Punalkulam	31.08.12	---
39	Faculty Development programme on “Data warehousing and Data Mining”	University College of Engineering, Pattukkottai	24-06-13	30-06-13
40	Faculty Development Programme on “Nano technology for Sustainability: Energy Conversion And Storage”	K.S. Rengasamy College of Technology, Tiruchengode	06.05.13	18.05.13
41	Workshop on “Integrated Wind-Solar Power Systems”	National Institute of Technology, Tiruchirappalli	6.01.12	7.01.12
42	Faculty Development Programme on “Electrical Machine Design”	Kings College of Engineering, Punalkulam	02.04.11	---
43	Seminar on “Recent Trends in Electrical Engineering”	Oxford Engineering College, Trichy	06.03.10	---

44	Seminar on "SMEs & Innovation: Present Scenario in IPR"	Kings College of Engineering, Punalkulam	26.10.09	---
45	Seminar on "Application of Artificial Intelligence to Control System"	Velammal College of Engineering & Technology, Madurai	11.03.09	---
46	Workshop on "R & D and International Publications"	K.L.N College of Engineering, Madurai	19.12.08	---
47	"National Workshop on Power Electronics"	National Institute of Technology, Tiruchirappalli	12.11.08	14.11.08
48	Seminar on "VLSI Applications in Power Electronics"	Kings College of Engineering, Punalkulam	23.08.08	---
49	Workshop on "Awareness of Intellectual Property Rights and Related Issues"-	Anna University, Chennai	21.02.08	22.02.08
50	Seminar on "Advanced Power Conversion Concept for Motor Drives"	Velammal College of Engineering & Technology, Madurai	04.01.08	---
51	Faculty Development Programme on "Power System Analysis"	Moogambigai College of Engineering, Kalamavur	11.12.06	23.12.06
52	Workshop on "Gateway to Research"	NoorulIslam College of Engineering, Kumaracoil	9.12.05	10.12.05
53	Faculty Development Programme on "Industrial Instrumentation-I"	Arulmigu Kalasalingam College of Engineering, Krisnankoil	23.05.05	28.05.05

TECHNICAL EVENTS ORGANIZED AS CONVENER/CO-ORDINATOR

S.No.	NAME OF THE EVENT	ORGANIZED BY	PERIOD (DATE)	
			FROM	TO
1	National Conference on Flourishing Areas in Electrical and Electronics Engineering (NACOFEE'21)	Dept. Of EEE., Kings College of Engineering	12.04.21	---
2	National Conference on Emerging Trends in Computing, Control and Communication Technology (ETCCCT'20)	Dept. Of EEE., Kings College of Engineering	13.03.20	---
3	Workshop on "Advanced Control Techniques in Industrial Engineering"	Dept. Of EEE., Kings College of Engineering	21.02.20	---
4	Workshop on "Sensors and Controllers in Electrical Engineering"	Dept. Of EEE., Kings College of Engineering	16.08.19	---

	Applications”			
5	National Conference on Flourishing Areas in Electrical and Electronics Engineering (NACOFEE’19)	Dept. Of EEE., Kings College of Engineering	15.03.19	---
6	Workshop on “Advanced Industrial Robotics and Automation”	Dept. Of EEE., Kings College of Engineering	22.02.19	---
7	Workshop on “Recent Trends in Electrical Engineering”	Dept. Of EEE., Kings College of Engineering	15.02.19	---
8	Workshop on “Intelligent Devices Applications in Electrical Engineering”	Dept. Of EEE., Kings College of Engineering	31.08.18	---
9	National Conference on Flourishing Areas in Electrical and Electronics Engineering (NACOFEE’18)	Dept. Of EEE., Kings College of Engineering	19.03.18	---
10	Workshop on “Advanced Techniques in Electrical Systems”	Dept. Of EEE., Kings College of Engineering	09.03.18	---
11	Workshop on “Embedded Controllers in Internet of Things”	Dept. Of EEE., Kings College of Engineering	15.02.18	---
12	Workshop on “Soft Computing Techniques for Renewable Energy Sources”	Dept. Of EEE., Kings College of Engineering	24.08.17	---
13	Workshop on “Inverter less Solar Energy Based Microgrid Systems”	Dept. Of EEE., Kings College of Engineering	04.03.17	---
14	One day Workshop for Engineering College Faculty Members, Research scholars, industrialists, PG students, UG students on “Energy Management System Using Solar PV Panel without Inverters ”	Dept. Of EEE., Kings College of Engineering	23.01.15	---
15	MNRE Sponsored National Conference on Energy Conservation and Control in Electrical Applications (ISBN:978-81-923870-9-3)	Dept. Of EEE., Kings College of Engineering	12.03.15	---
16	One day Workshop for Engineering College Faculty Members, Research scholars, industrialists, PG students, UG students on “ Solar Energy and Its Applications in Microgrid ”	Dept. Of EEE., Kings College of Engineering	25.07.14	---
17	National Conference on Recent Trends in Engineering & Technology (ISBN:978-81-923870-5-5)	Dept. Of EEE., Kings College of Engineering	17.04.13	---

18	One Day Workshop for Engineering College Faculty Members, Research Scholars, Industrialists, PG Students, UG Students on “ Advanced Techniques In Electrical Systems ”	Dept. Of EEE., Kings College of Engineering	31.08.12	---
19	National Conference on Flourishing Areas of Electrical and Electronics Engineering-12(NACOFEE-12) (ISBN:978-81-923870-1-7)	Dept. Of EEE., Kings College of Engineering	15.03.12	---
20	Faculty Development Programme (FDP) for Engineering College Faculty Members on “ Electrical Machine Design ”	Dept. Of EEE., Kings College of Engineering	02-04-2011	---
21	National Conference on Flourishing Areas of Electrical and Electronics Engineering-09(NACOFEE-09)	Dept. Of EEE., Kings College of Engineering	24.03.09	---
22	One day Seminar for Engineering College Faculty Members, Research scholars, industrialists, PG students, UG students on “ VLSI Applications in Power Electronics ”	Dept. Of EEE., Kings College of Engineering	23.08.08	---
23	National Conference on Frontier Research Areas in Communication, Computer and Control Engineering- 08 (COFRACCCE-08)	Dept. Of EEE., Kings College of Engineering	06.03.08	07.03.08
24	National Level Technical Symposium ENIGMA-2008, ENIGMA-2009 ENIGMA-2010, ENIGMA-2011 ENIGMA-2012, ENIGMA-2013 TESLARIANCE-14, ENIGMA-2015 ENIGMA-2018, ENIGMA-2019 ENIGMA-2021, (Electrifying Naval Imagination for Global Magnification)–September Month of Every year	Dept. Of EEE., Kings College of Engineering	September month of Every year	---

AS RESOURCE PERSON:

- Participated as a Resource Person and Jury for the Technical Symposia Conducted by E.G.S. Pillay Engineering College, Nagappattinam in September 2014.
- Delivered a Special lecture on Energy Conservation and Electrical Safety to the Government Higher Secondary School Students, Anna Nagar, Thanjavur during October 2013.
- Delivered a lecture on Power Electronics to the Engineering Students (EEE) organized by Sir ISSAC Newton College of Engineering, Nagappattinam during September 2012.
- Delivered a Special lecture on Energy Conservation and Electrical Safety to the NSS Students of Kings College of Engineering, Punalkulam during April 2011.

- Participated as a Resource Person and Jury for the Technical Symposia Conducted by P.R. College of Engineering & Technology, Thanjavur, March 2010.
- Participated as a Resource Person and Jury for the Technical Symposia Conducted by ARJ College of Engineering & Technology, Mannargudi , August 2009.
- Delivered a lecture on Special Electrical Machines to Polytechnic Students (EEE) organized by CCMR Polytechnic College, Thanjavur during February 2009.

Additional Responsibilities Held:

- Head of the Department (HoD) in Department of Electrical and Electronics Engineering from July 2017 to till date.
- Admission officer from June 2018 to till date.
- Head of the Department (HoD) in Department of Electrical and Electronics Engineering from 20-05-2005 to 31.01.2015.
- First Year Co-ordinator from 01.02.2015 to 30.06.2015.
- Head of the Department (HoD) in Department of Science and Humanities from July2015 to June 2017.
- Camp Officer for Anna University Central Valuation held at Kings College of Engineering for the academic year 2012-2013 (Odd and Even semesters).
- Chief Superintendent, Anna University Examinations.
- EEE Board Chairman/ Vice-Chairman for Anna University Central Valuation.
- Flying Squad Committee Member-Anna University Examinations.
- Deputy Warden for Boys Hostel.(July2013–May 2016)
- Warden for both Boys Hostel and Girls Hostel (December2017–Till date)
- Disciplinary Committee over-all Co-ordinator (from 2001to2013).