


Name	Mr. M.M. ARUN PRASATH			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	Applied Electronics			
Date of Joining (KSRIET)	01-06-2021			
Experience (as on 01.03.2023)	Teaching: 15Y 8M	Industry:-	Others: -	
Number of Papers Published	National Journals : 03 International Journals : 08			
Number of Papers Presented	National Conferences : 07 International Conferences : 02			
Number of Patents Filed/ Published	1 Patent Filed & 7 Patents Published			
Books Published	National Publisher : 01 International publisher :00			
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## BOOK PUBLICATION

- Received a certificate of publication of the text book entitled “**Electronic Devices and Circuits**” published in first edition with ISBN No.:978-93-5757-034-3 in February 2023 under SIPH.

## MEMBERSHIP

- Member in IAENG (International Association of Engineers) No: 329270
- Appointed as a Member of Editorial board as Associate editor of the national chapter book “**EDUCATION AND NEW LEARNING TECHNOLOGY**” in February 2023.

## RESOURCE PERSON

- Guest Speaker in a webinar titled **“DESIGN THINKING AND MICROPROCESSORS”** conducted by Department of Mechanical Engineering and IIC Cell of Annapoorana Engineering College, Salem on 07.03.2023

## PUBLICATIONS

1. **M.M.Arun Prasath**, J.Aakash, I.Acksar Ahamath, K.Gokul, S.Krishnan **“IOT based manhole detection and monitoring system”** has been published in the International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC) ISSN:2348-2079, Volume 10, Issue 2, pp. 183-187, June 2022.
2. **M.M.Arun Prasath**, B.Ramesh, R.Vinoth, C.SanthoshKumar **“Micro Deep Neural Network Algorithm Based Novel Approach on Classification of Ultrasound Kidney Images”** has been published in A Journal of Composition Theory (JCT) ISSN: 0731-6755, Volume 12, Issue 6, pp. 266-273, June 2019.
3. B.Ramesh, **M.M.Arun Prasath**, S.Karthick, M.Sangeetha **“An Overview of Peak-to-average power ratio reduction in OFDM signals with performance comparison between clipping and filtering with selective mapping for wireless communication”** has been published in Science, Technology and Development Multidisciplinary Journal (STD) ISSN: 0950-0707, Volume 8, Issue 4, pp. 184-194, April 2019.
4. **M.M.Arun Prasath**, B.Ramesh, B.Divyapreethi, A.Manikandan **“An Approach to Predict Disease and avoid clogging in Data Mining using Genetic Algorithm”** has been published in Journal of Information and Computational Science (JOICS) ISSN: 1548-7741, Volume 9, Issue 3, pp. 82-91, March 2019.
5. M.Abinaya, J.Jothilakshmi, B.Divyapreethi, **M.M.Arun Prasath** **“Home Appliances Controlled by Gesture for Disability People”** has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 6, pp. 1420-1428, June 2018.
6. S.Karthick, **M.M.Arun Prasath**, C.Devasenapathi, R.ArulArumugam **“Power Effective cascaded Flash-SAR Sub ranging A/D conversion”** has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 5, pp. 2070-2073, May 2018.
7. B.Ramesh, **M.M.Arun Prasath**, S.Karthick, R.ArulArumugam **“Performance Comparison of BER with MIMO-OFDM for various Modulation methods using MRRC Technique”** has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 1, pp. 948-957, January 2018.
8. D.Vimala, R.Srinivasan, R.Vinoth, D.Vinoth, **M.M.Arun Prasath** **“Protection of Wireless Sensor Network from Gang Injecting False Data Attack”** has been published in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Volume 3, Issue 2, pp. 7301-7311, February 2014.

9. R.Vinoth, R.Srinivasan, D.Vimala, **M.M.Arun Prasath**, D.Vinoth **“Probabilistic Based Rock Texture Classification”** has been published in International Journal of Advances in Engineering & Technology (**IJAET**), Volume 6, Issue 6, pp. 2439-2447, January 2014.
10. R.Vinoth, R.Srinivasan, D.Vimala, **M.M.Arun Prasath**, D.Vinoth **“Characterization of Color and Texture Features from Retrieved Images using CBIR”** has been published in International Journal of Research in Advent Technology (**IJRAT**), Volume 1, Issue 5, pp. 61-67 December 2013.
11. D.Vinoth, R.Vinoth, R.Srinivasan, **M.M.Arun Prasath**, D.Vimala **“FPGA Implementation of Efficient Modified VLSI Architecture for Multiplier”** has been published in International Journals of latest research in Engineering and Computing (**IJLREC**), Volume 1, Issue 2, pp. 07-10, November-December 2013.

### **International Conference**

1. Sharanyanivasini J S, Nirmalprithivraj M, Tharanipriya S, Pradeepkumar G, Arun Prasath M M, Saravanakumar R, **“Sports Applications of Biomechanics Wearable Sensors using IoT”** has been presented in the **“SECOND INTERNATIONAL CONFERENCE ON ELECTRONICS AND RENEWABLE SYSTEMS (ICEARS 2023)”** at St. Mother Theresa Engineering College, Tuticorin held on 2<sup>nd</sup> to 4<sup>th</sup> March 2023.
2. M.M. Arun Prasath, **“Implementation of MATLAB Interface for Speed governing of AC Motor using DSP Processor”** has been presented in **‘INTERNATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT’ (ICSETM-2018)** at Annapoorana Engineering College, Salem held on 9<sup>th</sup> & 10<sup>th</sup> March 2018.

### **National Conference**

1. M.M. Arun Prasath, **“Design Of On-Line Interactive Data Acquisition And Control System For Embedded Real Time Applications”** has been presented in **‘NATIONAL CONFERENCE ON EMERGING TRENDS IN COMPUTER ENGINEERING AND TECHNOLOGY’ (NCETCET-2018)** at MIT Academy of Engineering Alandi(D), Pune held on 27<sup>th</sup> & 28<sup>th</sup> January 2018.
2. M.M. Arun Prasath, **“Fuzzy Logic based DTC Control of Induction Motor”** has been presented in **‘NATIONAL CONFERENCE ON EMERGING TRENDS IN COMPUTER ENGINEERING AND TECHNOLOGY’ (NCETCET-2018)** at MIT Academy of Engineering Alandi(D), Pune held on 27<sup>th</sup> & 28<sup>th</sup> January 2018.
3. M.M. Arun Prasath, **“SOS Optimization Algorithm based ZVS Resonant Convertor for Grid connected System”** has been presented in **‘NATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT’ (NCSETM-2018)** at Annapoorana Engineering College, Salem held on 25<sup>th</sup> January 2018.
4. M.M. Arun Prasath, **“Electrical Appliances Control using Android Smart Phones”** has been presented in **‘NATIONAL CONFERENCE ON SCIENCE, ENGINEERING,**

**TECHNOLOGY AND MANAGEMENT” (NCSETM-2018)** at Annapoorana Engineering College, Salem held on 25<sup>th</sup> January 2018.

5. M.M. Arun Prasath, **“Real time System for Hand Motion Crane Control using RF Signals”** has been presented in **‘NATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT” (NCSETM-2018)** at Annapoorana Engineering College, Salem held on 25<sup>th</sup> January 2018.
6. M.M. Arun Prasath, **“Hardware Implementation of Code Compression in Embedded RISC Architecture to Reduce Memory Access Energy”** has been presented in **‘NATIONAL CONFERENCE ON COMMUNICATION TECHNOLOGIES” (NCCT-2006)** at MepcoSchlenk Engineering College, Sivakasi held on 10<sup>th</sup>& 11<sup>th</sup> March 2006.
7. M.M. Arun Prasath, **“Code Compression in Embedded RISC Processor”** has been presented in **‘NATIONAL CONFERENCE ON SIGNALS, SYSTEMS AND SECURITY’ (NCSSS-2006)** at Bannari Amman Institute of Technology, Sathyamangalam held on 24<sup>th</sup>& 25<sup>th</sup> February 2006.

### ONLINE CERTIFICATION

S.No	COURSE	CONDUCTED BY	DATE	SCORE
1.	TEACHING AND LEARNING IN ENGINEERING (TALE)	NPTEL	JAN 2023 – FEB 2023	62%
2.	ACCREDITATION AND OUTCOME BASED LEARNING	NPTEL	AUG 2022 – OCT 2022	51%
3.	INTRODUCTION TO INTERNET OF THINGS	NPTEL	JAN 2022 – APR 2022	54%

### PATENT APPLIED/PUBLISHED

S.No	Title of the Invention	Application Number/ Date of Filing	Publication Date
1.	CAMERA BASED SOLAR DRONE FOR FLORA IDENTIFICATION SYSTEM EMPLOYING ENSEMBLE MACHINE LEARNING	202331025378/ 04.04.2023	Filed for Publication
2.	PORTABLE IOT BASED PLANT HEALTH MONITORING SYSTEM (Design Patent with Grant)	375236-001/ 08.12.2022	07.02.2023
3.	A SMART HYBRID CHARGING COVER AND SYSTEM FOR MOBILE COMMUNICATION DEVICES	202241063465/ 07.11.2022	18.11.2022
4.	THE NOVEL ROUTING PROTOCOL FOR EFFICIENT NETWORK TOPOLOGY IN SMART GRID INFRASTRUCTURE	202231059317/ 17.10.2022	21.10.2022
5.	WEARABLE ELECTRONIC MONITORING OF BODY PARAMETERS	202221058890/ 14.10.2022	21.10.2022
6.	AN ARTIFICIALLY INTELLIGENT SYSTEM FOR MONITORING AND PREVENTING DRYNESS IN PLANTS	202241052122/ 13.09.2022	23.09.2022
7.	A MULTILEVEL INVERTER TOPOLOGY WITH REDUCED NUMBER OF SWITCHES FOR SOLAR PHOTOVOLTAIC APPLICATIONS USING IOT	202041049724/ 13.11.2020	20.11.2020
8.	IOT BASED PROACTIVE SURVEILLANCE TO IDENTIFY REAL TIME THEFT	202041047140/ 28.10.2020	06.11.2020

#### **PROGRAMMES COORDINATED (SEMINAR/ WORKSHOP/ FDP / STTP OTHERS)**

1. One day Seminar in “**IP AWARENESS PROGRAM**” under National Intellectual Property awareness mission on 23<sup>rd</sup> November 2022 with Intellectual Property Office, India at KSRIET, Tiruchengode.

2. National Webinar on **‘FPGA ARCHITECTURE AND ITS APPLICATION’** Organized by Department of Electronics and Communication Engineering at Surya Engineering College, Erode on 13<sup>th</sup> May 2021.
3. International Webinar on **‘INTERNET OF DRONE THINGS’** Organized by Department of Electronics and Communication Engineering at Surya Engineering College, Erode on 27<sup>th</sup> Oct 2020
4. National Webinar on **‘HANDS ON EMBEDDED SYSTEMS AND IOT’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 28<sup>th</sup> July 2020
5. National Webinar on **‘HIGH LEVEL LOGIC SYNTHESIS AND OPTIMIZATION OF DIGITAL VLSI CIRCUITS’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 27<sup>th</sup> July 2020
6. National Level Online Technical Quiz on **‘DIGITAL SIGNAL PROCESSING’** at Annapoorana Engineering College, Salem during 21<sup>st</sup> to 27<sup>th</sup> July 2020
7. National Webinar on **‘SATELLITE IMAGE PROCESSING FOR TRACKING ENVIRONMENTAL CHANGES’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 14<sup>th</sup> July 2020
8. International Webinar on **‘NUMERICAL ELECTROMAGNETICS - MODELING & SIMULATION’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 11<sup>th</sup> July 2020
9. National Webinar on **‘MODERN TRENDS IN HYPER SPECTRAL IMAGE ANALYSIS’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 10<sup>th</sup> July 2020
10. National Workshop on **‘INTELLECTUAL PROPERTY RIGHTS’** Conducted by IPR Cell at Annapoorana Engineering College, Salem on 29<sup>th</sup> February 2020
11. One Week Program on **‘SOFT SKILLS DEVELOPMENT’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 17<sup>th</sup> to 23<sup>rd</sup> August 2017
12. One day Program **‘DRISHTI ONLINE CONTEST 2017’** Conducted by Texas Instruments India University Program in Association with Digital Shark Technologies, Bangalore Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 21<sup>st</sup> July 2017
13. Two hours Workshop from Quality Improvement Cell on **‘SPOKEN TUTORIALS IN C & C++’** in association with IIT, Bombay Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 21<sup>st</sup> February 2014.
14. One day Workshop on **‘ROLE OF EMBEDDED SYSTEMS IN INDUSTRIES’** Organized by Department of Electronics and Communication Engineering at Annapoorana Engineering College, Salem on 17<sup>th</sup> February 2014.
15. One day National Level Seminar on **‘NANOTECHNOLOGY’** Organized by Department of Electronics and Communication Engineering at CMS College of Engineering, Namakkal on 4<sup>th</sup> March 2011.

16. Two days National Level Workshop on **‘HANDS ON TRAINING IN IMAGE PROCESSING’** Organized by Department of Electronics and Communication Engineering at CMS College of Engineering, Namakkal from 11<sup>th</sup> & 12<sup>th</sup> February 2011.
17. Two days National Level Workshop on **‘IMAGE PROCESSING USING MATLAB’** Organized by Department of Electronics and Communication Engineering at CMS College of Engineering, Namakkal from 25<sup>th</sup> & 26<sup>th</sup> February 2010.

#### **PROGRAMMES ATTENDED (SEMINAR/ WORKSHOP/ FDP / STTP OTHERS)**

1. Ten Days Online Faculty Development Programme (FDP) on **“ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING APPLICATIONS IN ENGINEERING”** Organized by Department of CSE, Bhoj Reddy Engineering College for Women, Hyderabad, Telangana in Association with Electronics & ICT Academy, NIT from 20<sup>th</sup> February to 1<sup>st</sup> March 2023.
2. Five Days Virtual FDP on **“APPLICATIONS OF COMPUTER VISION USING DEEP LEARNING”** Organized by Department of Electronics and Communication Engineering, Seshadri Rao Gudlavalluru Engineering College, from 20<sup>th</sup> to 25<sup>th</sup> February 2023
3. Two Days Naan Mudhalvan FDP on **“ROBOTIC PROCESS AUTOMATION”** Foundation Course Organized by Government College of Technology, Coimbatore from 11<sup>th</sup> to 12<sup>th</sup> February 2023.
4. Five Days Virtual FDP on **“BIOMEDICAL SENSORS AND SIGNAL PROCESSING”** Organized by Department of Electronics and Communication Engineering, Loyola Institute of Technology, Chennai from 09<sup>th</sup> to 13<sup>th</sup> January 2023
5. Participated and Completed successfully Two weeks AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **“INDUSTRIAL IOT: SECURITY ISSUES, CHALLENGES & SOLUTIONS”** Organized by Department of Electronics and Communication Engineering, Methodist College of Engineering and Technology, Hyderabad from 26<sup>th</sup> December 2022 to 06<sup>th</sup> January 2023
6. Three Days FDP on **“HOW TEACHERS CAN MAKE A DIFFERENCE”** Organized by PALS with TLC (IIT Madras) from 01<sup>st</sup> to 03<sup>rd</sup> December 2022
7. Participated in the RRRLF Sponsored SALIS 2022: National Conference on Transformation of Learning Resource Centres in the Digital Era – Tutorial session on **“SWAYAM-NPTEL & IRINS”** Organized by Department of Library, K.S.Rangasamy College of Technology, Tiruchengode jointly with Society for the Advancement of Library and Information Science (SALIS) at KSRTC on 13<sup>th</sup> October 2022.
8. Five Days FDP on **"ELECTRONIC PRODUCT DESIGN"** Organized by Department of Electronics and Communication Engineering, K.S.R Institute for Engineering and Technology from 29<sup>th</sup> July to 03<sup>rd</sup> August 2022.

9. Six Days FDP on **“RECENT ADVANCEMENTS AND APPLICATIONS OF DATA SCIENCE”** Organized by Department of Electronics Engineering, Paavai Engineering College, Namakkal in association with Institution of Engineers (India), Salem from 27<sup>th</sup> June to 02<sup>nd</sup> July 2022.
10. One day Faculty Training Program (FTP'22) on **“ELECTRONICS”** on 05<sup>th</sup> May 2022 at VVDN Technologies Pvt. Ltd., Pollachi.
11. Three Days FDP on **"ELECTRONIC PRODUCT DESIGN"** Organized by K.S.Rangasamy College of Technology – AICTE IDEA LAB from 03<sup>rd</sup> to 05<sup>th</sup> March 2022.
12. A Webinar on **“EMERGING TRENDS IN NEXT GENERATION WIRELESS TECHNOLOGY”** Organized by the Department of ECE, CMS College of Engineering, Namakkal on 24<sup>th</sup> February 2022.
13. Five Days Online FDP on **"NBA ACCREDITATION AND TEACHING - LEARNING IN ENGINEERING"** Organized by Department of Electronics Engineering, Narasu's Sarathy Institute of Technology, Salem from 21<sup>st</sup> to 25<sup>th</sup> February 2022.
14. Participated and Completed successfully Five days AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **“PHOTONICS AND ITS APPLICATIONS”** Organized by Department of Electronics Engineering, Sardar Vallabhbhai National Institute of Technology, Surat from 14<sup>th</sup> to 18<sup>th</sup> February 2022.
15. A Webinar on **“INTELLECTUAL PROPERTY RIGHTS”** Organized by the Department of Mechanical Engineering, Annapoorana Engineering College, Salem on 31<sup>st</sup> January 2022.
16. A Webinar on **“INNOVATION AND RESEARCH: PATH TO PATENTS”** Organized by the Department of ECE, SRMIST, Chennai on 25<sup>th</sup> January 2022.
17. Three Days Online FDP on **“RECENT TRENDS IN WIRELESS COMMUNICATION TECHNOLOGIES”** Organized by Department of ECE, Bangalore Institute of Technology in association with IMAPS India from 3<sup>rd</sup> to 5<sup>th</sup> August 2020.
18. Three Days National Level Online Workshop on **“ROBOTICS”** Organized by Vikas College of Engineering and Technology, Vijayawada from 31<sup>st</sup> July to 2<sup>nd</sup> August 2020.
19. Two Days National Level Online Workshop on **“LEARNING MANAGEMENT SYSTEM”** Organized by the Department of ECE, Siddhartha Institute of Engineering and Technology, Telangana on 8<sup>th</sup> & 9<sup>th</sup> July 2020.
20. One Day Online Faculty Development Programme on **“IPR AWARENESS”** Conducted by Keyway Research, Tirupati during 13<sup>th</sup> May 2020.
21. Five days Online Faculty Awareness Program on **“NAAC REVISED ACCREDITATION FRAMEWORK 2020”** Organized by JSPM Narhe Technical Campus, Pune from 11<sup>th</sup> to 15<sup>th</sup> May 2020.
22. Two days Online Faculty Development Programme on **“CHALLENGES AND INNOVATION IN RENEWABLE ENERGY TECHNOLOGIES BY 2020”** Organized by Tagore Institute of Engineering and Technology, Attur on 9<sup>th</sup> & 10<sup>th</sup> May 2020.
23. One Week Online Faculty Development Programme on **“EFFECTIVE AND INSTRUCTIVE RESEARCH”** from 4<sup>th</sup> to 10<sup>th</sup> May 2020 Organized by Sona College of Technology, Salem
24. One Day Seminar on **‘WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY-2018 & WORLD ENVIRONMENT DAY-2018’ (THEME: ENABLING**



- THE POSITIVE USE OF ARTIFICIAL INTELLIGENCE FOR ALL & BEAT PLASTIC POLLUTION)** Organized by The Institution of Engineers (India), Salem Local Centre in association with SAIL/Salem Steel Plant, Salem on 7<sup>th</sup> June 2018
25. One Day Workshop on **‘NEW AGE APPLICATIONS OF STAINLESS STEEL & THE CHALLENGES IN SS FABRICATION’** Organized by The Institution of Engineers (India), Salem Local Centre in association with SAIL/Salem Steel Plant, Salem and Indian Stainless-Steel Development Association (ISSDA) on 29<sup>th</sup> May 2018
  26. Two days Faculty Development Workshop on **‘INNOVATIVE PRACTICES FOR EFFECTIVE PROFESSIONAL TEACHING’** Organized by Annapoorana Engineering College in association with The Institution of Engineers (India), Salem Local Centre on 22<sup>nd</sup> & 23<sup>rd</sup> Sep 2017
  27. One Week Faculty Development Training Programme on **‘OPTO ELECTRONIC DEVICES’** Organized by Centre for Faculty Development, Anna University Chennai at MPNMJ Engineering College, Erode from 15<sup>th</sup> to 21<sup>st</sup> May 2017.
  28. One Day Seminar on **‘OPTO ELECTRONIC DEVICES’** Organized by the Department of Electronics and Communication Engineering, MPNMJ Engineering College, Erode on 28<sup>th</sup> Sep 2016
  29. Two days Workshop on **‘FACULTY DEVELOPMENT PROGRAMME’** Organized by Helikx at Annapoorana Engineering College, Salem on 07<sup>th</sup> & 08<sup>th</sup> February 2014.
  30. One day Workshop on **‘QUALITY IMPROVEMENT CELL’** Organized by Anna University, Chennai and IIT-Bombay at Sona College of Technology, Salem on 25<sup>th</sup> January 2014.
  31. One day Seminar on **‘AGILENT MEASUREMENT’** Organized by Agilent Technologies Limited at Hotel GRT Grand Estancia, Salem on 4<sup>th</sup> October 2012.
  32. One day National Level Workshop on **‘MATLAB TOOLS WORKSHOP’** Organized by Department of Electronics and Communication Engineering, Gnanamani College of Technology, Salem on 12<sup>th</sup> December 2011.
  33. Two days Programme on **‘FACULTY DEVELOPMENT’** Organized by Annapoorana Engineering College, Salem on 29<sup>th</sup> & 30<sup>th</sup> June 2011.
  34. Five days National Level Workshop on **‘MISSION 10X FACULTY EMPOWERMENT WORKSHOP’** and get Certified on **‘HIGH IMPACT TEACHING SKILLS’** attested by Dale Carnegie & Associates, Inc. Trainer and Wipro, Organized by Wipro at PGP College of Engineering and Technology, Namakkal from 18<sup>th</sup> to 22<sup>nd</sup> April 2011.
  35. One day Seminar on **“INNOVATIONS IN MODERN POWER CONVERTORS”** Organized by Department of Electrical and Electronics Engineering, Periyar Maniammai University, Thanjavur on 28<sup>th</sup> December 2009.
  36. One day Seminar on **‘ULTRA - WIDEBAND COMMUNICATION SYSTEMS’** Organized by Department of Electronics and Communication Engineering, Pondicherry Engineering College, Puducherry on 30<sup>th</sup> November 2009.
  37. Two days Faculty Development Programme on **‘TEACHING ETHICS : REDEFINING VALUES IN CONTEMPORARY SYSTEM OF EDUCATION’** Organized by the Department of Humanities & Applied Sciences, Ramappa Engineering College, Warangal on 28<sup>th</sup> February 2009 & 01<sup>st</sup> March 2009.

38. Three days National Level Workshop on **‘ATMEL MICROCONTROLLERS FOR EMBEDDED APPLICATIONS’** Organized by Department of Electronics and Communication Engineering, Aurora’s Engineering College, Hyderabad from 26<sup>th</sup> to 28<sup>th</sup> November 2008.
39. Three days National Level Workshop on **‘LOW POWER AND MIXED SIGNAL VLSI’** Organized by Department of Electronics and Communication Engineering, Aurora’s Engineering College, Hyderabad from 01<sup>st</sup> to 03<sup>rd</sup> January 2008.
40. Four days National Level Workshop on **‘MATLAB TOOLS AND DSP’** Organized by Department of Electronics and Communication Engineering, Aurora’s Engineering College, Hyderabad from 03<sup>rd</sup> to 06<sup>th</sup> December 2007.
41. Three days Short Term Course on **‘FUZZY LOGIC, NEURAL NETWORKS AND APPLICATIONS’** under the Aegis of the Center for Continuing Education at Bannari Amman Institute of Technology, Sathyamangalam from 03<sup>rd</sup> to 05<sup>th</sup> December 2004.
42. Three days Workshop on **‘ADVANCED DIGITAL SIGNAL PROCESSING’** coordinated by the Center for Continuing Education at Bannari Amman Institute of Technology, Sathyamangalam from 19<sup>th</sup> to 21<sup>st</sup> November 2004.
43. Two days Short Term Course on **‘WIRELESS SECURITY SYSTEMS’** at Bannari Amman Institute of Technology, Sathyamangalam from 16<sup>th</sup> & 17<sup>th</sup> September 2004.