
EVALUATIVE REPORT OF THE DEPARTMENT



Department of Electronics and Communication Engineering



1. Name of the Department: Electronics and Communication Engineering

2. Year of establishment: Department of ECE was established in the year 1993 in St.Peter's Engineering College which was declared as Deemed to be University in the year 2008.

3. Is the department part of a School/ Faculty of the university?

Department of the University

4. Names of programmes offered (UG,PG, M.Phil., Ph.d, Integrated Masters; Integrated Ph.D., DSc., D.Litt.,etc)

- B.E (Electronics and Communication Engineering)
- M.E (Applied Electronics)
- Ph.D

5. Interdisciplinary programmes and departments involved

S. No	Interdisciplinary courses	Year /Sem	Departments
UG Programme B.E. (ECE)			
1	113EHT01-Technical English-I	I/I	ENGLISH
2	113MAT02-Mathematics-I	I/I	MATHS
3	113PHT03-Engineering Physics-I	I/I	PHYSICS
4	113CYT04-Engineering Chemistry-I	I/I	CHEMISTRY
5	113EGT06-Engineering Graphics	I/I	MECHANICAL
6	113CPT05-Computer Programming	I/I	CSE
7	113CLP01 -Computer Practices Laboratory-I	I/I	CSE
8	113ELP02-Engineering Practices Laboratory	I/I	MECHANICAL
9	113PCP03-Physics and Chemistry Laboratory - I	I/I	PHYSICS & CHEMISTRY
9	213EHT01-Technical English-II	I/II	ENGLISH
10	213MAT02-Mathematics-II	I/II	MATHS
11	213PHT03-Engineering Physics-II	I/II	PHYSICS

12	213CYT04-Engineering Chemistry-II	I/II	CHEMISTRY
13	212CMT06-Basic Civil & Mechanical Engineering	I/II	CIVIL & MECHANICAL
14	212CLP01Computer Practices Laboratory –II	I/II	CSE
15	213PCP01-Physics & Chemistry Laboratory-II	I/II	PHYSICS & CHEMISTRY
16	313MAT01-Transforms & Partial Differential Equations	II/III	MATHS
17	313ECT03-Data Structures & Object Oriented Programming in C++	II/III	CSE
18	413ECT01-Probability and Random Processes	II/IV	MATHS
19	212EEP02-Electrical Engineering & Control System Lab	II/IV	EEE
20	512ECT05-Environmental Science & Engineering	III/V	CHEMICAL
21	612ECT03-Computer Networks	III/VI	CSE
22	612ECP01-Computer Networks Lab	III/VI	CSE
23	712ECT12-High Speed Networks	IV/VII	CSE
PG Programme			
M.E Applied Electronics			
24	113AEPT01-Applied Mathematics	I/I	MATHS

6. Courses in collaboration with other universities, industries, foreign institutions,etc.

Nil

7. Details of programmes discontinued, if any,with reasons

Nil

8. Examination system with: Annual/Semester/Trimester/Choice Based credit system.

Semester system and Choice Based Credit System (CBCS)

9. Participation of the department in the courses offered by other departments

The Department of ECE offers the following UG courses to the other departments.

S. No	Interdisciplinary courses	Year/Sem	Departments
1	312EET05- Electronic Devices & Circuits	II/III	EEE
	512EET02- Digital Signal Processing	III/V	
	612EET04- Microprocessors & Microcontroller	III/VI	
2	312CST05- Analog and Digital Communication	II/III	CSE
	412CST03- Microprocessors & Microcontrollers	II/IV	
	612CST12- Embedded Systems	III/VI	
	212EDT05 - Electric Circuits and Electron Devices	I/II	
	708CST04- Digital Signal Processing	IV/VII	
	412CSP03- Microprocessor lab	II/IV	
	312CSP01- Digital Lab	II/III	
	212CDP03- Circuits and Devices Laboratory	I/II	
3	512ITT06- Information and theory coding	III/V	IT
	212EDT05- Electric Circuits and Electron Devices	I/II	
	512ITT05- Digital Signal Processing	III/V	
	412ITT03- Microprocessors & Microcontrollers	II/IV	
	612ITT05- Embedded Systems	III/VI	
	312ITT03- Digital Principles and Systems Design	II/III	
	312ITP01- Digital Lab	II/III	
	412ITP03 -Microprocessors Lab	II/IV	
	212CDP03- Circuits and Devices Laboratory	I/II	
4	212EDT05- Electric Circuits and Electron Devices	I/II	BIO-MEDICAL
	312BMT03- Signals and Systems	II/III	
	412BMT04- Analog and Digital ICs	II/IV	

412BMT06- Analog and Digital Communication	II/IV
512BMT01- Digital Signal Processing	III/V
512BMT05- Microprocessor, Microcontroller and System Design	III/V
808BMP12- Embedded Systems	IV/VIII
412BMP01- Integrated Circuits Lab	II/IV
512BMP01- Microprocessor and Microcontroller Lab	III/V
312BMP02- Electronic Circuits Lab	II/III
612BMP01 - Digital Signal Processing Lab	III/VI
712BMP02- Digital Image Processing Lab	IV/VII

10. Number of Teaching posts sanctioned, Filled and actual (Professors/Associate Professors/Asst.Professors/Others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professors	1+1	2	2
Associate Professors	1	1	1
Asst. Professors	6+3+1	10	10

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S. No	Name of the faculty	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D students under guidance
1.	Dr.G.P. Ramesh	B.Tech, M.E., Ph.D	Prof. & Head	Antennas	18	8

2.	Dr.P.Subbiah	B.E., M.E., Ph.D.	Prof.	Optical commun	20	8
3.	Dr.Kirubanand a sarathy	B.E., M.E., Ph.D.	Assoc Prof.	Micro electronics	8	-
4.	Ms.M.Malini	B.E., M.E., M.B.A.	Asst. Prof.	Applied Electronics	6	-
5.	Ms.T.Anne Ramya	B.E., M.E.	Asst. Prof.	Applied Electronics	5	-
6.	Ms.D.Linett Sophia	B.E., M.E.	Asst. Prof.	Applied Electronics	5	-
7.	Ms.Sarada Ponnada	B.Tech M.E	Asst. Prof.	VLSI Design	5	-
8.	Ms.R.Gomathi	B.E., M.E.	Asst. Prof.	VLSI Design	1	-
9.	Ms.R.Ranjudh a	B.E., M.E.	Asst. Prof.	VLSI Design	1	-
10.	Mr.K.Manjuna th	B.E., M.E.	Asst. Prof.	VLSI Design	1	-
11.	Ms.P.Saranya	B.E., M.E.	Asst. Prof.	Applied Electronics	-	-
12.	Ms.N.Uma	B.E., M.E.	Asst. Prof.	Applied Electronics	-	-
13	Ms.Heema	B.E., M.E.	Asst. Prof.	Applied Electronics	-	-

12. List of senior visiting fellows, adjunct faculty, emeritus professors.

Nil

13. Percentage of classes taken by temporary faculty-programme – wise information

Nil

14. Programme-wise Student Teacher Ratio

S.No	Program	Sanctioned strength	Student Teacher ratio
1	B.E(ECE)	$60*1+30*2=120$	15:1
2	M.E(APPLIED ELECTRONICS)	$24*2=48$	12:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual (incl. CAS & MPS)
Support Staff (Technical)	4	4	4
Administrative Staff	1	1	1

16. Research thrust areas as recognized by major funding agencies.

The following are the list of research thrust areas focused by the Department of ECE, which are recognized by major funding agencies.

- VLSI & Embedded Systems
- Wireless Communication & Networks
- Digital Signal Processing
- Antennas
- Digital Image Processing
- Cognitive Radio

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a) National Funding agency – 16

Details of the applied Projects

S. No	Name of the Investigator	Funding Agency	Title	Total Grant in Rs.	Status
1	Dr.G.P Ramesh Professor, ECE	MSME	Novel and Affordable Emergency Notification System for elderly protection S-Waistband, Sep 2014	9,50,000	Under Progress
2	Dr.G.P Ramesh Professor, ECE	Ministry Of Environm ent &	RF energy harvester for low power applications,2015	25,52,200	Applied

		Forest			
3	Dr.G.P Ramesh Professor, ECE	MNRE, New Delhi	Super Conducting MAGLEV based Vertical Axis Wind Turbine(Revision -II), Mar 2014	25,08,820	Applied
4	Dr.G.P Ramesh Professor, ECE	BRNS, New Delhi	Design and implementation of Rescue Robot Using Cognitive Radio Sensor Networks (Revision-III), Feb 2015	29,47,100	Under process
5	Ms.M. Bindhu Research Scholar,ECE	TNSCST, Chennai	Development of software defined optical networking in data center-,Aug 2014	2,40,000	Applied
6	G.Udhaya Kumar Research Scholar,ECE	TNSCST, Chennai	High frequency and high performance inverter for ozone generator system, Sep 2014	2,40,000	Applied
7	C.K Kishore Research Scholar,ECE	TNSCST, Chennai	Three port converters for renewable energy sources, Sep 2014	2,40,000	Applied
8	Dr.V. Amudha Professor, ECE	TNSCST, Chennai	Wi-Fi Based smart wireless sensor network for monitoring an agriculture environment, Sep 2013	13,800	Applied
9	E. Madhan Kumar Asst. Professor, ECE	TNSCST, Chennai	Automated wheel chair obstacle avoidance, navigation and face reorganization for blind people, Sep 2013	10,500	Applied
10	E. Madhan Kumar Asst.	TNSCST, Chennai	Control of home appliances by brain waves, Sep	15,000	Applied

	Professor, ECE		2013		
11	Dr.G.P Ramesh Professor, ECE	TNSCST, Chennai	Multipurpose Robot for rescue operation , Sep 2014	10,000	Applied
12	Ms.R. Ranjudha Asst. Professor, ECE	TNSCST, Chennai	Smart helmet for Coal mine worker using zigbee , Sep 2014	8,400	Applied
13	Ms. M. Malini Asst. Professor, ECE	TNSCST, Chennai	Sim card based smart banking using FPGA , Sep 2014	8,800	Applied
14	Ms. T.Anne Ramya Asst. Professor, ECE	TNSCST, Chennai	Efficient method of border alert system using RF technology for fishermen, Sep 2014	9,800	Applied
15	Ms. M. Malini Asst. Professor, ECE	TNSCST, Chennai	Multipurpose wearable electronic glove , Sep 2014	9,100	Applied

a) **International Funding agency** – Nil

b) **Total Grants received** – 9,50,000

18. Inter-institutional collaborative projects and associated grants received

a) National Collaboration - Nil

b) International Collaboration - Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc; total grants received.

Details of departmental projects funded and completed

S. No	Name of the Investigator	Funding Agency	Title	Total Grant in Rs.	Status
1	Dr.G.P Ramesh Professor, ECE	St. Peter's University	Design, simulation and fabrication of rectangular microstrip patch	50,000	Completed

			antenna for S-band using rectanna for wireless applications.		
2	Dr.G.P Ramesh Professor, ECE	St. Peter's University	MIMO based reconfigurable filtenna for mobile application.	50,000	Completed
3	Dr.G.P Ramesh Professor, ECE	St. Peter's University	Reconfigurable antenna design for cognitive radios.	50,000	Completed
4	Dr.G.P Ramesh Professor, ECE	St. Peter's University	Implementation of diversity antenna and signal integrity analysis.	50,000	Completed
5	Dr.G.P Ramesh Professor, ECE	St. Peter's University	Design of RF energy harvesting system for energizing low power devices.	50,000	Completed

20. Research facility/centre with

- State recognition - Nil
- National recognition - Nil
- International recognition - Nil
- Others

S. No.	Softwares available
1	MATLAB
2	XILINX
3	Multisim
4	Netsim
5	Pspice

S. No.	Equipment/Hardware Kits available
1	Spectrum Analyzer
2	FPGA Spartan 3 Processor
3	DSP Processor (TMS320C5X)
4	ARM Processor
5	Soldering Bath (Sharing with Bio-Medical Engineering)

21. Special research laboratories sponsored by / created by industry or corporate bodies.

Nil

22. Publications:

a) No. of papers published in peer reviewed journals (National/International)

Year	International Journal	National Journal	International Conference	National Conference	Total
2015	56	-	44	-	100
2014	36	-	49	5	90
2013	39	-	5	68	112
2012	12	-	4	1	17
2011	4	-	1	3	8
2010	-	-	8	-	8
2009	-	-	1	15	16
2008	2	-	2	1	5
Total	149	-	114	93	356

PUBLICATIONS IN INTERNATIONAL JOURNALS

2015	
1	S.Prabu and E.Logashanmugam , "Incorporation of Radix-2 ² Feedforward FFT and Adaptive Viterbi Decoder into OFDM for Wireless Application" International Journal of Applied Engineering Research, 2015 SCOPUS (IF:2.0653)
2	M.Saravanan and K.Suresh Manic , "Novel Reversible Variable Precision Multiplier Using Reversible Logic Gates", Journal of Computer Science (10) 7, ISSN: 1549-3636, DOI: 10.3844, pp. 1135-1138. 2015. (IF:1.35)
3	S.Yogeswaran and G.P.Ramesh , "Review of optical Signal based wireless communication sysem" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Issue 6 (2015) SCOPUS (IF:2.0653)
4	S.Vetriselvan, S.Srinivasan, Dr.G.P.Ramesh "Reduce Torque ripple using Novel Torque Distribution function for Embedded Applications" International Journal of Applied Engineering Research Volume 10, Issue 1 (2015) , pp 1701-1707 SCOPUS (IF:2.0653)
5	S.Parasuraman, Dr.G.P.Ramesh "Review of Antenna Design and RF Energy Harvesting for Wireless Devices" International Journal of Applied Engineering Research Volume10, Issue 6 (2015), pp 5792-

	5795 SCOPUS (IF: 2.0653).
6	R.Ranjudha , "Optimization of Peak power using path clustering" International Journal of Applied Engineering Research Volume 10, Issue 6 (2015), pp 5746-5750 SCOPUS (IF:2.0653).
7	R.Gomathi , R.Nirmala "FPGA Implementation of low power MB-OFDM PHY baseband modem with parallel architecture" International Journal of Applied Engineering Research. Volume 10, Issue 6 (2015) pp 5751-5756 SCOPUS (IF:2.0653).
8	C.R.Rathish and Dr.A.Rajaram "Hierarchical Load Balanced Routing Protocol For Wireless Sensor Networks" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Issue 7 (2015) pp. 16521-16534 SCOPUS (IF:2.0653).
9	C.K.Kishore, G.P.Ramesh , "New Multilevel Inverter Scheme for Multiple Loads Using Modulation Techniques" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
10	Aravind C.V, G.P.Ramesh , "Electromagnetic Design of a Novel Double Rotor Switched Reluctance Machine" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
11	A.Jaffer Sadiq Ali, G.P.Ramesh , "Simulation of Wind Generator FED Γ -ZSI Controlled PMSM Drive" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
12	M.Bindhu, G.P.Ramesh , "Load Balancing and Congestion control in software Defined Networking using the Extended Johnson Algorithm for Data Centre" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
13	Angeline M.Flashy, G.P.Ramesh , "Microstrip Patch Antenna and its Applications: a Survey" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
14	Dr.K.Sundaramoorthy, G.P.Ramesh , "Support on Forward-Aware Factor using Energy- Balanced Routing System in Wireless Sensor Networks" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
15	R.Dinesh Kumar, G.P.Ramesh , "Survey of Feeding Techniques to Improve Bandwidth of Microstrip Patch Antenna" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
16	A.Rajan, G.P.Ramesh , "Glaucomatous Image Classification Based on PCA Using Optical Coherence Tomography Image" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)
17	N.Uma, G.P.Ramesh , "Identification of Lung Cancer Using Principle Component Analysis and Efficient Local Binary Pattern" International Journal of Applied Engineering Research Volume 10, Issue 17 (2015) SCOPUS (IF:2.0653)

18	G.P.Ramesh, M.Preethi, "Design,Simulation and Fabrication of Rectangular Microstrip Patch Antenna(RMPA) for S Band ranges using Rectenna for Wireless Application" International Journal of Applied Engineering Research Volume 10,Issue 17 (2015) SCOPUS (IF:2.0653)
19	P.Magesh, G.P.Ramesh, "Review of Maglev Based Vertical Axis Wind Turbine" International Journal of Applied Engineering Research Volume 10,Issue 17 (2015) SCOPUS (IF:2.0653)
20	A.FathimaThuslim,Dr.V.Kannan, "The Design of SET-CMOS Hybrid Logic Style of 1-Bit Comparator" International Journal of Engineering Trends and Technology(IJETT)-Volume 20 Issue 5- Feb 2015 (IF:1.795).
21	A.FathimaThuslim, Dr.V.Kannan, " The discussion of the SET theory and its problems" SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE)- Volume 2 issue 2 Feb 2015 (IF:1.105)
22	A.FathimaThuslim, Dr.V.Kannan, "The Novel design method of 3 to 8 decoder" IOSR Journal of Electronics and Communication Engineering (IOSR-IJECE) e-ISSN: 2278-2834, p-ISSN: 2278-8735. Volume 10, Issue 2, (Mar-Apr 2015), pp 92-95 (IF:1.398)
23	A.FathimaThuslim, Dr.V.Kannan, " A Novel Design of SET-CMOS Half Subtractor and Full Subtractor" International Journal of Computr Applications (0975-8887) Volume 114-No 12, March 2015 (IF: 2.52)
24	R.Kavitha,Dr.V.Jeyalakshmi, " Adaptive Gentle Random Early Detection Congestion Algorithm in Software Defined Network" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Issue 17(2015) SCOPUS (IF:2.0653).
25	S.A.Yuvaraj, Dr.L.C.Siddanna Gowd, " High Performance Implementation of RSSI Based Wi-Fi Location Tracker for Android Applications" Journal of Theoretical and Applied Information Technology E-ISSN:1817-3195, Vol.71 No.1(2015) (IF:1.71)
26	Ms.Kalarani, Dr.R.Rani Hemamalini, "RFID Sensors for Path Planning and Tracking in Warehouse Management" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 5(2015) pp.12793-12801 SCOPUS (IF:3.2).
27	R.Ganesh Babu, Dr.V.Amudha, " Analysis of Distributed coordinated Spectrum Sensing in Cognitive Radio Networks" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 6(2015) SCOPUS (IF:2.0653).
28	S.Vimala, Dr.S.K.Srivatsa, " Secured PPEM Based MultiHo Strong Path Geographic Routing Protocol for MANETs" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 1(2015) SCOPUS (IF:2.0653).
29	G.Kalarani and Dr.R.Ranihemamalini, "A Survey of the various Techniques used in the warehouse tracking and management" International Journal of Scientific Research, ISSN 2277-8179, Vol. 4, Issue 5(2015) (IF:3.2416)

30	V.P.Kolanchinathan , Dr.G.Saravana Kumar, "Effectively Increasing Speed at Digital Arithmetic Circuits in Built In Self Test with High Security" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 6(2015) SCOPUS (IF:2.0653).
31	K.Ramesh , V.Kannan, "An Analytical Analysis of Propagation Delay in Underwater Wireless Sensor Network" International Journal of Engineering Trends and Technology, ISSN 2231-5381. Vol.24, Issue 3 (2015) SCOPUS (IF:1.795).
32	K.Ramesh , V.Kannan, "Performance of Analysis of Data Delivery Schemes for a Multihop Wireless Sensor Network" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 17(2015) SCOPUS (IF:2.0653).
33	K.Ramesh , V.Kannan, "Green Energy Harvesting and Environmental Monitoring using Wireless Sensor Network" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 6(2015) SCOPUS (IF:2.0653).
34	J.Balamurugan , Dr.E.Logashanmugam, "Design and Optimization of AES-CM with composite field S-Box Architecture" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 17(2015) SCOPUS (IF:2.0653).
35	J.Balamurugan , Dr.E.Logashanmugam, "Design of a High Speed and Area Efficient Optimized Mixcolumn for AES" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 17(2015) SCOPUS (IF:2.0653).
36	R.Ganesh Babu , Dr.V.Amudha, "Performance Analysis of Distributed coordinated Spectrum Sensing in Cognitive Radio Networks" Middle-East Journal of Scientific Research, ISSN 1990-9233. 23.ssps.13 (2015).(IF:0.1)
37	K.Hanumantha Rao , Dr.C.Kumar Charlie Paul, "Design of Optimized Complex Multiplier for R2MDC FFT" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 17 (2015) SCOPUS (IF:2.0653).
38	Chellaswamy , Dr.Ramesh.R Charlie Paul, "An Automatic Charging Mechanism and Electrical Energy Storage for Full Electric Vehicle" International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 6(2015) SCOPUS (IF:2.0653).
39	R. Ramesh Babu , Dr.R.Karthikeyan, R.Balamurali, "FPGA Implementation of Novel Synchronization Methodology for Pan Chaotic Systm Using Adaptive Control Technique' International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 6(2015) SCOPUS (IF:2.0653).
40	R.Ramesh Babu , R.Karthikeyan,R.Balamurali, A.Prasina "FPGA Implementation of Adaptive Complete Synchronization Methodology for Novel Chaotic Systems" Middle-East Journal of Scientific Research, ISSN 1990-9233. 23.ssps.11 (2015).
41	R.Karthikeyan,, A.Prasina, R.Ramesh Babu , S.Raghavendran "FPGA Implementation of Novel Synchronization Methodology for Novel Chaotic Systems" Indian Journal of Science and Technology, ISSN(Print): 0974-6846, ISSN(online):0974-5645, Vol.8, Issue:11

	(2015).
42	M.Gnanasekaran , , Dr.M.Manikandan, “Design and Implementation of a Novel High Performance Digital FIR filter for DSP Application” International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 17(2015) SCOPUS (IF:2.0653).
43.	M.Gnanasekaran , , Dr.M.Manikandan, “Design and Implementation of Low Power and Area Efficient Bi-Recorder Multiplier” International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 17(2015) SCOPUS (IF:2.0653).
44.	R.Rajagopal , P.Subbaiah, “Performance Analysis of Screening Liver Tumors using image fusion and neural network classifier” International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10, Issue 4(2015) SCOPUS (IF:2.0653).
45.	R.Rajagopal and P.Subbiah, “A Survey on Liver Tumors Detection and Segmentation Methods” APRN Journal of Engineering and Applied Sciences, Vol. 10, Issue 6, August 2015 (IF:0.77).
46	Vinay Kumar, C.Ram.Singla , “Ad Hoc On Demand Multipath Distance Vector For Manets Using Firefly Algorithm” International Journal of Applied Engineering Research(IJAER),ISSN-0973-4562 Vol.10, number 17. (IF:2.0653).
47	A.Jaffer Sadiq Ali, G.P.Ramesh , ”Simulation of Wind Generator FED I-ZSI Controlled PMSM Drive” International Journal of Applied Engineering Research,Volume 10,Number 17 (2015) . (IF:2.0653).
48	R.Dharmaprakash and Joseph Henry“ Investigation of Three Level Diode Clamped Inverter Switching Tables without Using Medium Vectors for Direct Torque Control of Induction Motor ",International Journal of Applied Engineering Research,Vol. 10, No.17, 2015, pp 12836-12842. (IF:2.0653).
49	A.Fathima Thuslim and V.Kannan , ”The Novel design method of 3 to 8 decoder” IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), Volume 10, Issue 2, Mar/Apr-2015, pp 92-95. (IF:1.398)
50	A.Fathima Thuslim and V.Kannan , ”The discussion of the SET theory and its problems” SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – Volume 2, Issue 2, Feb 2015 (IF:1.105)
51	A.Fathima Thuslim and V.Kannan ,”The Design of SET- CMOS Hybrid Logic Style of 1-Bit Comparator”, International Journal of Engineering Trends and Technology (IJETT) – Volume 20, Number 5, Feb 2015. (IF:1.795).
52	A.Fathima Thuslim and V.Kannan ,”The Design of SET- CMOS Half Subtractor and full Subtractor” International Journal of Computer Applications, Volume 114, Number 12, March 2015. SCOPUS (IF:0.821)
53	R.Ganesan and B.Sowmya,”Vertical Handoff Mechanism based on user performance : Issue and Challenges” Indian Journal of Emerging Electronics in Computer Communications, Vol.2, Issue 1, 2015, page.480-488, ISSN:2393-8366 (IF:0.2)

54	Malarkodi K and Kannan.V, "Energy Efficiency Wireless Sensor Networks under Different Hopping Strategies" International Journal of Applied Engineering Research, Volume 10, Number 6 (2015) SCOPUS (IF:2.0653).
55	Ramesh K and Kannan V, "An Analytical Analysis of Propagation Delay in Underwater Wireless Sensor Networks" International Journal of Engineering Trends and Technology (IJETT) – Volume 24, Number 3, June 2015 (IF:1.795)
56	G.Chinnadurai and H.Ranganathan, "IOT Controlled Two Wheel Self Supporting Robot Without External Sensor" Middle-East Journal of Scientific Research 23 (Sensing, Signal Processing and Security): 286-290, 2015(SJR- 0.49)
2014	
1	Sukumar. M, Venkatesan N and Nelson Kennedy Babu C , "A review of Various Lineament Detection Techniques for high resolution Satellite Images", International Journal of Advanced Research in Computer Science and Software Engineering, ISSN 2277 128X, Volume 4, Issue 3, March 2014 (IF:2.50)
2	G.P.Ramesh, A.Rajan , "SRAM based random issue generator for nonrepeating pattern generation" Applied Mechanics and Materials Vol. 573, Advancements in Automation and Control Technologies, June 2014 (scopus)(IF: 0.821)
3	Gopinathan Thavaselan, Ranganathan Rani Hemamalini "Performance Analysis of Coded Reception in Multipath Fading Channels with Wavelet Packet Based OFDM Transmission" Applied Mechanics and Materials Vol. 573, Advancements in Automation and Control Technologies, June 2014 (SCOPUS)(IF: 0.821)
4	G.P.Ramesh, Malini "An Efficacious Method of Cup to Disc Ratio Calculation for Glaucoma Diagnosis Using Super pixel" International Journal of Scientific and Engineering Research " Volume 2, issue 3, March 2014. (IF: 0.4)
5	G.P.Ramesh, Aravind C.V, Raj Parthiban R and N.Soyas , "Body area network through wireless technology", International Journal of Computer Science and Engineering Communications, Vol.2, Issue 1, Jan 2014, ISSN 2347-8586.(IF: 0.4)
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3	Yuvaraj .S.A,PeriyarSelvam .K, Jayachitra .K.R , “Adaptive Channel Estimation Techniques for MIMO OFDM Systems”, International Conference on Green technologies for Power generation and Communication, April 3-4, 2014.
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51	Prasanth. B, and Anne Ramya, “Multi-Hop Non Regenerative System Using OSTBC Codes Under Rayleigh Fading Channel,” “National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6,” pp.279-295, March. 2013.
52	Manikandan. K, and Madhan Kumar. E, “Efficient Majority Logic Fault Detection With Difference-Set Codes for Memory Applications,” “National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6,” pp.296-305, March. 2013.
53	Poovarasi, and Thavaseelan. G, “A Test for Analysing Security of SCADA Control Systems (TASSCS),” “National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6,” pp.306-312, March. 2013.
54	Chidambaram. N, and Linett Sophia. D, “Implementation of Turbo Coded Wireless System and STBC based Spatial Diversity for WSN ,” “National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6,” pp.313-318, March. 2013.
55	Dinesh. M, and Thavaseelan. G, “PTS Based Compensation for Phase Noise in OFDM system over Constant Modulus Modulation,” “National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6,” pp.319-323, March. 2013.
56	Edwin Prabhakaran M, Dr. Meenakshi M, Dr. Bhagyaveni M A, “Low complex PAPR reduction scheme for OFDMA system”, “AICTE sponsored first national Conference on green technology concepts for bridging the digital divide using ICT”, July 2013
57	D.Santhosh Kumari, Improvisation of MAC protocol for wireless sensor network, NCEICE'13(National Conference on Electrical Information and Communication), March 2 nd 2013.

58	A.Senthil Kumar , "Data Security and Refuge Framework with Mobile Sinks in Wireless Sensor Networks" National Conference on Innovation in Computers'13-(NCIC'13) on 22.02.2013
59	S.Velmurugan , "Cluster Based Secure Location Verification System for Wireless Sensor Networks" National Conference on Innovation in Computers'13-(NCIC'13) on 22.02.2013
60	S.Velmurugan, S.D.Nandakumar and A.Senthilkumar , "Efficient Transmission, Congestion & Power control Approach for WSNs" National Conference on Electrical, Information and Communication Engineering'13 held on March 2,2013
61	Antony Prakash, A. and Madhan Kumar, E , "Missile Detection And Destruction Using Advance Radar And High Energy Laser From An Unmanned Air Vehicle," "National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6," pp.1-4, March. 2013
62	Lokesh Kumar.K. G, and Ram kumar. R , "Intelligent ATM Transaction And Locking System," "National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6," pp.36-40, March. 2013.
63	Dhanasekar. J, and Linett Sophia. D , "Design of DPLL Based Demodulator Using Pipeline Cordic Algorithm," "puting 2013, ISBN NO: 978-81-908343-4-6," pp.145-148, March. 2013.
64	JayaPriya. B, and Thavaseelan. G , "Design Space Exploration of Hard Decision Viterbi Decoding Algorithm VLSI," "National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6," pp.149-156, March. 2013.
65	Lokesh Kumar, K. G, and Ram kumar. R , "Intelligent ATM Transaction And Locking System," "National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6," pp.36-40, March. 2013.
66	Dhanasekar. J, and Linett Sophia. D , "Design of DPLL Based Demodulator Using Pipeline Cordic Algorithm," "National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6," pp.145-148, March. 2013.
67	JayaPriya. B, and Thavaseelan. G , "Design Space Exploration of Hard Decision Viterbi Decoding Algorithm VLSI," "National Conference on Emerging Trends on Information, Communication and Computing 2013, ISBN NO: 978-81-908343-4-6," pp.149-156, March. 2013.
68	Edwin Prabhakaran M, Dr. Meenakshi M, Dr. Bhagyaveni M A , "Low complex PAPR reduction scheme for OFDMA system", "AICTE sponsored first national Conference on green technology concepts for bridging the digital divide using ICT", July 2013
2012	

1	J.Vinoth Kumar “A Novel Approach for Data Broadcasting In Wireless Hi-Speed Network”. National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March '12
2011	
1	Anne Ramya.T , Mathivana, LakshmiPrabha.K , “Load balancing in Wireless Mesh Network using Cluster Re-configuration Algorithm” National Conference on Information Processing, Security and Communications, 4th & 5th March '11
2	N.Kirubanandasarathy , Dr.K.Karthikeyan, “A Novel Pipelined FFT/IFFT Processor for MIMO OFDM Systems Using FPGA” National Conference on Information Processing, Security and Communications, 4th & 5th March '11
3	S.S.Scindia , B.Ganesamoorthy , T.G.Subash Kumar, “Object Classification by Fusing SVMs and Gaussian Mixtures” National Conference on Information Processing, Security and Communications, 4th & 5th March '11
2009	
1	S.Srinivasan and R.Kumar “VIP tracking Through RFID Enabled Mobile Phone ” 3rd National Conference on Advanced Techniques in Instrumentation, Control and Communication Engineering , St. Peters Engineering, Chennai. 22-24 July 2009
2	S.Srinivasan and R.Kumar “Container Truck Tyre Theft Alert System using Wireless RFID Technology ” 3rd National Conference on Advanced Techniques in Instrumentation, Control and Communication Engineering , St. Peters Engineering, Chennai. 22-24 July 2009
3	Amos H Jeeva Oli , FPGA realization of a General class of Split Radix FFT processor for the computation of the DFT length $2M$ ’, 3rd National Conference on “Advanced Techniques in Instrumentation, Control & Communication Engineering” at St. Peter’s Engineering College, July 22-24, 2009
4	Magesh , ”Experimental study of adsorption of reactive dyes in a batch and continuous column using biomass namely marine algae”, 3rd National Conference on Emerging trends and innovations in Chemical Engineering, 27-28 March 2009, Department of Chemical Engineering
5	S.Srinivasan and S.Vani “RFID based accident alert and Transport Management System” National Conference on Computing and Communication, Ganathipathi Tulsi’s Engineering College, Vellore. 21st Feb 09, P.P.-14-19
6	S.Srinivasan and R.Srivel “RFID based Library Information Management and alert system using GSM Technology” National Conference on Computing and Communication, Ganathipathi Tulsi’s Engineering College, Vellore. 21st Feb 09, P.P. – 150-154
7	S.Srinivasan and R.Kumar “Intelligent Traffic Control and Parking Management System using RFID”, National Conference on Emerging Trends in Communication and Networks, Rajalakshmi Engineering College, Chennai. PP-48-53, 2-3 April 2009

8	S.Srinivasan and M. Gopu “Traffic Violation Control using RFID” TECHON RTCE-09, I.F.E.T Engineering College, Villupuram, 18th April 2009
9	S.Srinivasan and S.Vani, “Mobile Phone Tracking using RFID” National Conference on Communication Technology, Vellalar Engineering College, Erode. 17th April 2009.
10	S.Srinivasan and R.Srivel “Interactive Campus Management System using RFID Wireless Technology” National Conference on VLSI, Embedded Systems, Signal Processing and Communication, Arupadai Veedu Institute of Technology, Chennai. 8-9 April 2009
11	S.Srinivasan, Dr.H.Ranganathan, Dr.P.Ranihemamalini “An Embedded System And Wireless Sensor Network Based Solution For Traffic Risc” National Conference on current trends Telematics” , Sriram Engineering, Chennai. 28-30 Oct 2009
12	Sumathy S., R. Ranihemamalini , “Biometric Identification Using Palm print, Emerging Trends in Engineering Technology & Applications NCETETA-09”, on 29th & 30th April 2009 at Shiridi Sai Engg College, Bangalore
13	Sumathy S., R. Ranihemamalini , Person Authentication using Palm print. Sri Sairam Engineering College, Chennai. Feb5, 6, 2009
14	Persis Urbana Ivy B., R.Rani Hemamalini , “Modern methods in traditional medicine” Sri Sairam Engineering College, Chennai, July 22, 2009
15	Kesavan R., R.Rani Hema Malini , “MANET - Based Security Challenges in Telematics Environment National Conferece on Current Trends In Telematics” October 28-30 - 2009, Organised by Department of Automobile Engineering Sriram Engineering College
2008	
1	S.Srinivasan and S.Vani, “Multiband Multichannel Receiver for TV/Radio Using SDR Technology”, National Level Conference on Wireless Networks and Security, Srivenkateshwara College of Engineering, Chennai, PP. 110-115, 23-25 July 2008

- b) **Monographs** – Nil
- c) **Chapters in Books** – Nil
- d) **Edited Books** – 4

S.No.	Proceedings
1.	Proceedings of National Conference on Emerging Trends on Information, Communication and Computing – March 2013
2.	Proceedings of National Research Scholar Seminar on Green Technologies in Communication and Computing – Oct 2013 Sponsored by BRNS ISSN No:2320-8007

3.	Proceedings of International Conference on Green Technologies for Power generation and Communication –April 2014 ISBN No- 978-81-927500-5-7
4.	Proceedings of 2 nd International Conference on Green Technologies for power generation, Communication and Instrumentation – Feb 2015 ISBN No- 978-81-927500-5-7

- e) **Books with ISBN with details of Publishers** – Nil
- f) **Number listed in International Database(for e.g. web of science, Scopus, Humanities International complete, Dare Database –International Social sciences Directory, EBSCO host, etc)** – 55
- g) **Citation Index - range/ average** – 1.1
- h) **SNIP** – Nil
- i) **SJR** – 0.16- 0.49
- j) **Impact factor - Range /average** – 0.32 - 3.642
- k) **H-index**- 0-10
- l) **Total Impact factor** – 201.3357

23. Details of patents and income generated

S.No	Faculty Name	Patent details	Status
1	Dr.G.P.Ramesh Professor,ECE	Patents applied:{Aravind CV}, Lam Pin Wen, Ramesh GP “Double - rotor Flux Assisted Permanent Magnet Machine” Malaysian Intellectual Property, PI2014003065, 30 Oct.2014.	Applied

24. Areas of consultancy and income generated

Nil

25. Faculty selected nationally/internationally to visit other laboratories / institutions / industries in India and abroad

Nil

26. Faculty Serving in

A) National Committees b) International Committees c) Editorial Boards

Details of our faculty serving in committees and editorial board are given in the table below:

A) Faculty serving in National Committees

S.No	Name of the faculty	Details
1	Dr.G.P.Ramesh Professor, ECE	<ul style="list-style-type: none"> • Dr G.P Ramesh as a Technical Advisory Committee member for National conference on Networking, Imaging and Green Computing • Dr G.P Ramesh as a Organizing Committee member for National Research Scholar Conference of Green Technology in Communication and Computing

B) Faculty serving in International Committees

S.No	Faculty Name	Details
1.	Dr.G.P.Ramesh Professor, ECE	<ul style="list-style-type: none"> • Dr G.P Ramesh as a Technical Advisory Committee member for the International Conference on Big Data & Cloud Computing . • Dr G.P Ramesh as a Technical Advisory Committee member for International Conference on Sensing, Signal processing and Security • Dr G.P Ramesh as a Technical Advisory Committee member for International Conference on Advanced applied Engineering and Technology • Dr G.P Ramesh as a Organizing Chair person for 2nd International Conference on Green Technologies in power generation, communication Instrumentation. • Dr G.P Ramesh as a Organizing Committee member for International Conference on Green technology in communication and computing.
2	Ms.T.Anne Ramya	<ul style="list-style-type: none"> • Ms.T.Anne Ramya as a Co-ordinating committee member for 2nd International

	Asst. Professor, ECE	Conference on Green Technologies in power generation, communication Instrumentation.
3	Ms.M.Malini Asst. Professor, ECE	<ul style="list-style-type: none"> • Ms.M.Malini as a Co-ordinating committee member for 2nd International Conference on Green Technologies in power generation, communication Instrumentation
4	Mrs.R.Gomathi Asst. Professor, ECE	<ul style="list-style-type: none"> • Ms.R.Gomathi as a Co-ordinating committee member for 2nd International Conference on Green Technologies in power generation, communication Instrumentation
5	Mrs.Sarada Ponnada Asst. Professor, ECE	<ul style="list-style-type: none"> • Ms.Sarada Ponnada as a Organizing committee member for 2nd International Conference on Green Technologies in power generation, communication Instrumentation
6	Ms.R.Ranjudha Asst. Professor, ECE	<ul style="list-style-type: none"> • Ms.R.Ranjudha as a Organizing committee member for 2nd International Conference on Green Technologies in power generation, communication Instrumentation

C) Editorial Boards

S.No	Name of the faculty	Details
1	Dr.G.P.Ramesh Professor, ECE	<ul style="list-style-type: none"> • Dr G.P.Ramesh as a Reviewer for International Journal of Engineering Science and Technology, Malaysia. • Dr G.P. Ramesh as a Reviewer for International Journal of Computer Science and Engineering Communication

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, Workshops, training programs and similar programs).

Faculties are encouraged to go for industry sponsored FDPs and workshops. They also participate in orientation programs conducted by various educational and research institutes.

Year	FDP/FEP	Training Prog.	Workshops	Seminars	Conference
2015	1	-	1	-	6
2014	3	-	-	-	7
2013	-	-	2	2	12

2012	-	1	-	-	-
2011	-	-	2	2	-
2010	-	3	1	-	-

Works shops / training program details are given in below table

S.No	Name of the faculty	Program	Period	Organized by
1	Ms.Sarada Ponnada Asst.Professor, ECE	Work shop on Digital Custom IC Design using cadence EDA tool	12.3.2015	Anna University, Chennai
2	Ms.M.Malini Asst.Professor, ECE	Second International Conference on Contemporary Challenge in Engineering Management	11.04.2015	ARM Engineering College, Chennai
3	Ms.R.Ranjudha Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	26.02.2015	St.Peter's University, Chennai
4	Ms.R.Gomathi Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	26.02.2015	St.Peter's University, Chennai
5	Ms.M.Malini Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	26.02.2015	St.Peter's University, Chennai
6	Ms.Sarada Ponnada Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and	27.02.2015	St.Peter's University, Chennai

		Instrumentation.		
7	Ms.T.Anne Ramya Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	27.02.2015	St.Peter's University, Chennai
8	Dr.G.P.Ramesh Professor, ECE	Sixth International conference on Advanced Computing (ICOAC'14)	18.12.2014	M.I.T, Anna university, Chennai
9	Ms.M.Malini Asst.Professor, ECE	FDP on Entrepreneurship	10.04.2014	St.Peter's University, Chennai
10	Ms.T.Anne Ramya Asst. Professor, ECE	FDP on Entrepreneurship	10.04.2014	St.Peter's University, Chennai
11	Ms.Sarada Ponnada Asst.Professor, ECE	FDP on Entrepreneurship	8.12.2014	St.Peter's University, Chennai
12	Ms.D.Linnet Sophia Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	03.04.2014	St.Peter's University, Chennai
13	Mr.G.Thavaseelan Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	03.04.2014	St.Peter's University, Chennai
14	Ms.M.Malini Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	03.04.2014	St.Peter's University, Chennai
15	Mr.E.Madhan Kumar Asst.Professor, ECE	International conference on Green Technologies for Power	03.04.2014	St.Peter's University, Chennai

		Generation, Communication and Instrumentation.		
16	Ms.T.Anne Ramya Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	03.04.2014	St.Peter's University, Chennai
17	Mr.M.Edwin Prabhakaran Asst.Professor, ECE	International conference on Green Technologies for Power Generation, Communication and Instrumentation.	04.4.2014	St.Peter's University, Chennai
18	Ms.M.Malini Asst.Professor, ECE	Seminar on Transform Signal & Image Processing	25.6.2013	SSN College of Engineering, Chennai
19	Ms.D.Linnet Sophia Asst.Professor, ECE	National Conference on Emerging Trends on information, communication and computing	7.03.2013	St.Peter's University, Chennai
20	Mr.G.Thavaseelan Asst.Professor, ECE	National Conference on Emerging Trends on information, communication and computing	7.03.2013	St.Peter's University, Chennai
21	Ms.M.Malini Asst.Professor, ECE	National Conference on Emerging Trends on information	8.03.2013	St.Peter's University, Chennai
22	Mr.E.Madhan Kumar Asst.Professor, ECE	National Conference on Emerging Trends on information	7.03.2013	St.Peter's University, Chennai
23	Ms.T.Anne Ramya Asst.Professor, ECE	National Conference on Emerging Trends on information	8.03.2013	St.Peter's University, Chennai
24	Mr.M.Edwin Prabhakaran Asst.Professor, ECE	National Conference on Emerging Trends on information	7.03.2013	St.Peter's University, Chennai

25	Ms.D.Linnet Sophia Asst.Professor, ECE	National Research Scholar's Seminar on Green Technologies in communication and computing	3.10.2013	St.Peter's University, Chennai
26	Mr.G.Thavaseelan Asst.Professor, ECE	National Research Scholar's Seminar on Green Technologies in communication and computing	4.10.2013	St.Peter's University, Chennai
27	Ms.M.Malini Asst.Professor, ECE	National Research Scholar's Seminar on Green Technologies in communication and computing	3.10.2013	St.Peter's University, Chennai
28	Mr.E.Madhan Kumar Asst.Professor, ECE	National Research Scholar's Seminar on Green Technologies in communication and computing	4.10.2013	St.Peter's University, Chennai
29	Ms.T.Anne Ramya Asst.Professor, ECE	National Research Scholar's Seminar on Green Technologies in communication and computing	4.10.2013	St.Peter's University, Chennai
30	Mr.M.Edwin Prabhakaran Asst.Professor, ECE	National Research Scholar's Seminar on Green Technologies in communication and computing	3.10.2013	St.Peter's University, Chennai
31	Ms.M.Malini Asst.Professor, ECE	Workshop on Retinal image processing	7.8.2013	Shri Andal Alagar College of Engineering
32	Ms.D.Linnet Sophia Asst.Professor, ECE	Workshop on PCB Designing	22.8.2013	St.Peter's University, Chennai
33	Ms.D.Linnet Sophia Asst.Professor, ECE	Seminars on General Expression data Analysis using Machine Learning &Soft Computing	7.9.2013	St.Peter's University, Chennai

		Techniques		
34	Mr.E.Madhan Kumar Asst.Professor, ECE	Training on Cadence EDA Tool	7.09.2012	St.Peter's University, Chennai
35	Ms.K.Lakshmi prabha Asst.Professor, ECE	Workshop on Network simulator 2	12.2.2011	VIT University, Chennai
36	Mr.C.Ezhilazhagan Asst.Professor, ECE	Workshop on Network simulator 2	12.2.2011	VIT University, Chennai
37	Ms.K.Lakshmi prabha Asst.Professor, ECE	Seminar on Technology Advances in Biomedical Engineering	6.07.2011	St.Peter's University, Chennai
38	Mr.Kirubanda Sarathy Asst.Professor, ECE	Seminar on Technology Advances in Biomedical Engineering	6.07.2011	St.Peter's University, Chennai
39	Mr.Kirubanda Sarathy, Asst.Professor, ECE	Workshop on MIMO OFDM wireless system	28.8.2010	SRM University, Chennai
40	Mr.E.Madhan Kumar Asst.Professor, ECE	ISO Internal Auditor Training	8.10.2010	St.Peter's University, Chennai
41	Ms.M.Malini Asst.Professor, ECE	ISO Internal Auditor Training	8.10.2010	St.Peter's University, Chennai
42	Ms.D.Linnet Sophia Asst.Professor, ECE	ISO Internal Auditor Training	8.10.2010	St.Peter's University, Chennai

28. Student Projects

- **Percentage of students who have done in-house projects including inter-departmental projects**
- **Percentage of students doing projects in collaboration with other universities /industry/institute**

Year	% of In-house Projects	% of project in collobaration with other University / Industry / Institute
B.E Projects		
2011 – 2015	90	10
2010 – 2014	94	6
2009 – 2013	100	-
2008 – 2012	98	2
2007 – 2011	100	-
M.E Applied Electronics		
2013 – 2015	98	2
2012 – 2014	92	8
2011 – 2013	90	10
2010 – 2012	95	5
2009 – 2011	100	-

29. Awards / recognitions received at the national and international level by

- Awards and Recognition of Faculty

S. No.	Name of the faculty	Details
1	Dr.G.P.Ramesh Professor, ECE	<ul style="list-style-type: none"> • Dr G.P Ramesh as a session chair for the second International Conference ICCCEM 2015 in ARM College of Engineering and Technology, Chennai. • Dr G.P Ramesh as a session chair for the second International Conference ICSSS 2015 in St.Peters College of Engineering and Technology, Chennai. • Dr G.P Ramesh as a session chair for the National Conference in Agni College of Engineering and Technology, Chennai. • Dr G.P Ramesh as a session chair for the 4th International Conference ICCSP 2015 in Adiparashakthi Engineering College Chennai • Dr G.P Ramesh attended as a Chief Guest for the 3rd National Conference RTEECE

		<p>2015 in Sribalaji Chokkalingam Engineering College Arni, Thiruvannamalai, Tamilnadu</p> <ul style="list-style-type: none"> • Dr G.P Ramesh attended as a session chair for the 3rd International Conference ICPERES 2014 in Rajalakshmi Engineering College, Thandalam, Tamilnadu • Dr G.P Ramesh attended as a Session chair for the International Conference ICACCCT 2014 in Syedamal Engineering College Ramanathpuram, Tamilnadu • Dr G.P Ramesh attended as a Session chair for the 3rd IEEE International Conference ICACCCT 2014 in Syedamal Engineering College Ramanathpuram, Tamilnadu
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• **Details of Ph.D's awarded in the department**

S. No.	Registration No.	Name of the Ph.D scholar	Title of the Thesis
1	SP08EIDA04	Mr.M.Anand	FPGA based flexible information flow Architecture for system protection against Multiple Concurrent threats using Context Switched Semaphore
2	SP08ECDA35	Mr.S.Srinivasan	Economical ubiquitous RFID based tracking solutions for indoor and outdoor Environments
3	SP08EIDA19	Mr.Amos H Jeeva Oli	Efficient FPGA Implementation of a Wireless Transciever
4	SP08EIDA18	Mr.P.G. Kuppusamy	A VLSI based framework for adaptive and Iterative Impulse Noise Detector for Removal of Impulse Noise
5	SP09ECDB62	Ms.S. Hemajothi	Analysis of fetal Electrocardiogram signal extraction using ANFIS Techniques
6	SP09ECDA44	Mr.N.Kirubana ndasarathy	Performance Investigation of an area Efficient Low power pipeline FFT for MIMO OFDM
7	SP09ECDA33	Mr.Senthamil Selvam	Distributed Space and Time Frequency Codes to achieve Cooperative Diversity in wireless

			Network
8	SP09ECDB63	Ms.R. Muthammal	A Novel Enhanced Error Detection and correction (EDC) codes for wireless Applications
9	SP10EEDB95	Mr.Abdul Kareem	Fuzzy Logic Super-Twisting Sliding mode Controllers for Dynamic uncertain Systems
10	SP11ECDA13 1	Mr.M. Saravanan	An Algorithm for FFT Implementation using Variable Precision based Multiplier and its Reversible Approach

• Awards and Recognition of Students

S. No.	StudentName & Class	Activity	Organized by	Period	Award Received
1	Farmanulla John and S.Susmitha- III year	Paper presentation	Srinivasa Institute of Engineering and Technology	23.8.2014	Second
2	V.K. Naga Karthick - IV year	Project presentation in National level technical Symposium	Meenakshi Sundarrajan Engineering College	07.01.2011	Second
3	R.Sudharsan - IV year	Project presentation in National level technical Symposium	Meenakshi Sundarrajan Engineering College	07.01.2011	Second
4	Ezilarasi- IV year	Old wine in new bottle contest	St.Peter's university	06.02.2011	First place
5	B.Ganesh- IV year	Project presentation in National level technical Symposium	Meenakshi Sundarrajan Engineering College	07.01.2011	Second

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Academic Year	Seminars	Conferences	Workshops
2010-2011	4	-	1
2011- 2012	3	-	-
2012- 2013	3	2	2
2013- 2014	3	1	2
2014-2015	5	1	1
Total	12	4	6

S. No.	Title of the program & period	Convenor/ Co-ordinator	National/ International	Funding Agency
1	2 nd International Conference on Green Technologies for power generation, Communication and Instrumentation 26.02.2015 & 27.2.2015	Dr.G.P.Ramesh Professor, ECE	International	St.Peter's University
2	Seminar on Recent Trends in Electronics & Communication - 05.07.2014	Ms.R.Gomathi Asst.Professor, ECE	National	St.Peter's University
3	Seminar on Shipping & Logistics 21.08.2014	Ms.M.Malini Asst.Professor, ECE	National	St.Peter's University
4	Workshop on application of Arduino Boards 08.08.2014 & 09.08.2014	Ms.T.Anne Ramya Asst.Professor, ECE	National	St.Peter's University
5	Seminar on GATE Exam preparation 21.07.2014	Ms.R.Ranjudha Asst.Professor, ECE	National	St.Peter's University
6	International Conference on Green Technologies for power generation, Communication 03.04.2014 & 04.04.2014	Dr.G.P.Ramesh Professor, ECE	International	St.Peter's University
7	National conference on green technologies in	Dr.G.P.Ramesh Professor, ECE	National	BRNS

	communication and computing 03.10.2013 & 04.10.2013			
8	Seminar on Embedded Systems 19.07.2013	Mr.E.Madhan Kumar Asst.Professor, ECE	National	St.Peter's University
9	Workshop on PCB Designing 07.08.2013	Ms.D.Linett Sophia Asst.Professor, ECE	National	St.Peter's University
10	Workshop on robotics 29.08.2013, 30.08.2013 & 31.08.2013	Ms.M.Malini Asst.Professor, ECE	National	St.Peter's University
11	National Conference on Emerging trends on information Communication and Computing 07.03.2013 & 08.03.2013	Dr.G.P.Ramesh Professor, ECE	National	St.Peter's University
12	Workshop on Antenna Design 02.07.2012	Mr.E.Madhan Kumar Asst.Professor, ECE	National	St.Peter's University
13	Workshop on Cadence Software 07.09.2012	Ms.D.Linett Sophia Asst.Professor, ECE	National	St.Peter's University
14	Seminar on Recent Trends in Electronics & Communication 19.10.2012	Ms.T.Anne Ramya Asst.Professor, ECE	National	St.Peter's University
15	Seminar on awareness program on Robotics 21.01.2013	Ms.M.Malini Asst.Professor, ECE	National	St.Peter's University
16	Seminar on Cyber Security Threats 25.02.2013	Mr.Edwin Prabhakaran Asst.Professor, ECE	National	St.Peter's University
17	Seminar on NS2 20.07.2011	Ms.K.Lakshmi Prabha Asst.Professor,	National	St.Peter's University

		ECE		
18	Seminar on Digital Image Processing 18.01.2012	Dr.V.Amudha Professor, ECE	National	St.Peter's University
19	Seminar on Embedded Systems- 26.08.2010	Mr.E.Madhan Kumar Asst.Professor, ECE	National	St.Peter's University
20	Workshop on Digital Signal Processing 20.10.2010	Ms.T.Anne Ramya Asst.Professor, ECE	National	St.Peter's University
21	Seminar on Antenna Design 20.01.2011	Mr. B. Ganesamoorthy Asst.Professor, ECE	National	St.Peter's University
22	Seminar on GATE Exam preparation 11.02.2011	Mr. Chozhavendhan Asst.Professor, ECE	National	St.Peter's University

- **National Conference on Emerging Trends in Information, Communication and Computing – March 2013**

The Dept. of ECE has conducted the first National Conference on Emerging Trends on Information, Communication and Computing on March 7th and 8th, 2013. This Conference has brought up a new standard and a lightening approach to the Dept Faculties and Students / Scholars. Dr.Seetharaman,Scientist from CVRDE inaugurated the conference, well established Professors from different colleges / Universities and persons with sound Industrial backgrounds have took part in the conference and gave more idealistic speech, which would have given high level of confidence to the Students / Scholars, who were participated and presented their papers.

The Conference Proceedings comprises of 59 Papers in 3 Disciplines Signal Systems – 30 Computer Networks – 16 Communication – 13 All papers are published in IEEE format with ISBN No.978-81-908343-4-6. Each proceeding paper has 4 – 7 pages and the total proceeding comes to 323 pages. There were 3 important Sessions and in each Session nearly 10 – 12 papers have been presented which were neatly analyzed and judged by the Session Chairs.

- **National Research Scholar Seminar on Green Technologies in Communication and Computing – Oct 2013 Sponsored by BRNS**

The Dept. of ECE has conducted the National Conference named as National Scholar Seminar on Green Technologies in Communication and Computing on October 3rd and 4th, 2013 in collaboration with International Journal of Technology and Engineering Science(IJTES) and sponsored by Board of Research in Nuclear Sciences(BRNS). It was inaugurated by emeritus Professor Dr.Kumaravelu from Anna university.

This Conference has brought up a new standard and a lightening approach to the Dept Faculties and Students / Scholars and well established Professors from different colleges / Universities and persons with sound Industrial backgrounds have took part in the conference and gave more idealistic speech, which would have given high level of confidence to the Students / Scholars, who were participated and presented their papers.

The Conference Proceedings comprises of 29 Papers in 3 Disciplines, Electrical Engineering – 8, Computer Networks – 6 Communication – 15. All papers are published in IEEE format with ISSN No:2320-8007. Each proceeding paper has 4 – 7 pages and the total proceeding comes to 178 pages. There were 3 important Sessions and in each Session nearly 10 – 12 papers have been presented which were neatly analyzed and judged by the Session Chairs.

- **International Conference on Green Technologies for Power generation and Communication –April 2014**

The Department of ECE and EEE jointly organized an international conference titled “Green Technologies for Power generation and Communication” on 3rd and 4th April 2014. The objective of the conference was to share and discuss the environmental degradation caused by power generation and various communication applications.

The conference had many eminent scientists, academician, professionals and Research scholars. The event is inaugurated by Mr.Choi Joon Hyuk, Director of IYF Chennai. Another Guest of honor Dr. Jhon Anna Selvan, CEO of Nano PV Technologies, USA Graced the occasion with an introduction speech on green technologies. Key note speeches were presented by the eminent speakers are as follows

- Prof.Dr.Ishak Bin Aris on “Green Computing and Intelligent Networks for smart Grid Applications”
- Dr.M.R.Nayak on “Environmentally Friendly Energy Technologies-Indian Scenario: Challenges and Oppurtunities”.
- Mr.V.N.Mani on “Role of Nano Technology and Advancements in Harnessing Clean and Green Solar Energy through Thermal Photo Voltaic Technology
- Mr.J.Arun Kumar on “Green Power Generation for next generation: The role of PEM fuel Cells”.

The Conference Proceedings comprises of 59 Papers in 3 Disciplines Signal Systems – 30 Computer Networks – 16 Communication – 13 All papers are published in IEEE format with ISBN No-978-81-927500-5-7. Each proceeding paper has 4 – 7 pages and the total proceeding comes to 323 pages. There were 3 important Sessions and in each Session nearly 10 – 12 papers have been presented which were neatly analyzed and judged by the Session Chairs.

The Conference Proceedings comprises of 40 Papers in 4 Disciplines, Antennas – 12, Computer Networks – 10 Communication – 11, VLSI- 7. All papers are published in IEEE format with ISBN No. Each proceeding paper has 4 – 7 pages and the total proceeding comes to 189 pages. There were 4 important Sessions and in each Session nearly 10 – 12 papers have been presented which were neatly analyzed and judged by the Session Chairs.

- **2nd International Conference on Green Technologies for power generation, Communication and Instrumentation – Feb 2015**

The Dept. of ECE, EEE and E & I has conducted the 2nd Inter National Conference titled “Green Technologies for Power Generation and Communication” (ICGPC-2015) on 26th and 27th of Feb 2015. This Conference has brought up a new standard and a lightening approach to the Dept Faculties and Students / Scholars.

Dr.S.Gomathinayagam, Director general, National Institute of Wind energy, Chennai inaugurated the conference and Dr.Chockalingam Aravind Vaithilingam ,Reserch lead CLARC School of Engineering, Taylors University , Malasiya was the Guest of Honour. The Chief guests gave their innovative Key note speech during the conference session and the Key note Speeches given by the guests were

- Dr.S.Gomathinayagam on “Green Tecnologies in Power generation Communiatio & Instrumentation”.
- Dr.Chockalingam Aravind Vaithilingam on “21st Grand Challenges in Engineering – A holistic view in Engineering Education”.
- Dr.P.Nirmal Kumar on “Reconfigurble Hardware/Computing & System-On-Chip”.
- Dr.V.Nagarajan on “5G & Beyond: Promises and Challenge”.
- Dr.Anandha Kumar on “Research Challenges in Multimedia and Cloud Computing”.
- Dr.Selwyn Piramuthu on “RFID in Green Supply Chains (Joint work with Prof.Weï Zhou, ESCP Europe, Paris”.
- Dr.M.Manikandan on “Multi Core Architecture”

Papers of different Areas such as wireless networks, Communication, Computer Networks, wind energy, solar energy, VLSI Design and embedded systems have been presented which gave the students to learn and understand new things which they didn't come through in their subject fields.

The Conference Proceedings comprises of 150 Papers in 5 Disciplines Electrical Engineering – 33, Computer Networks – 13 Communication – 35, VLSI-25, Embedded Systems-21, and Antennas-23. All papers are published in IEEE format with ISBN No- 978-81-927500-5-7. Each proceeding paper has 4 – 7 pages and the total proceeding comes to 323 pages. There were 3 important Sessions and in each Session nearly 10 – 12 papers have been presented which were neatly analyzed and judged by the Session Chairs.

31. Code of ethics for research followed by the departments:

- Researchers must respect the rights, interests and dignity of participants and related persons in research.
- Research must be undertaken in accordance with any relevant common law or legislation
- Informed consent should normally be obtained from participants.
- Consent itself should be given freely without force or coercion.
- Researchers have an obligation to protect research participants wherever possible from significant harm consequent upon the research.
- The confidentiality of information supplied by research participants and any agreement to grant anonymity to respondents should be respected
- All research involving human participants whether undertaken by academic staff, other university staff or students is to be subject to ethical approval.
- Both the design of research and its conduct should ensure integrity and quality.
- Research is to be undertaken subject to the principle of academic independence. Where any conflicts of interest or partiality arise, these must be clearly stated prior to ethical approval being obtained.

32. Student profile programme-wise:

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.E(ECE)					
2008-2012	134	94	40	100	100
2009-2013	32	21	11	98	100
2010-2014	43	34	9	94	100
2011-2015	48	29	19	97	100
M.E (Applied Electronics)					
2008-2010	8	6	2	100	100
2009-2011	24	11	14	100	100
2010-2012	23	10	12	100	100
2011-2013	65	40	25	100	100
2012 -2014	21	12	9	100	100
2013-2015	9	-	9	-	100

33. Diversity of students

Name of the Programme	% of students from the same University	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
M.E (Applied Electronics)				
2008-2010	-	100	-	-
2009-2011	-	100	-	-
2010-2012	-	91.6	8.4	-
2011-2013	-	100	-	-
2012-2014	-	100	-	-
2013-2015	11.2	88.88	7	-
2014-2016	-	100	-	-

34. How many students have cleared Civil services and Defense service examinations, NET, SLET, GATE and other competitive examinations? Give details category wise.

Nil

35. Student progression for last 5 years

Student progression	Percentage against enrolled			
	2011-2015	2010-14	2009-13	2008-12
UG to PG	10.4	6.25	17.39	12.71
PG to M.Phil.	NA	NA	NA	NA
PG to Ph.D.	Nil	Nil	Nil	Nil
Ph.D to post -Doctoral	Nil	Nil	Nil	Nil
Employed		31.25	39.13	29.45
• Campus selection				
• Other than campus recruitment		62.5	43.48	57.84

36. Diversity of staff.

Percentage of faculty who are graduates	
Of the same University	54.5
From other universities within the state	18.2
From Universities from other states	27.3
From Universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period.

Period	Programme		
	M.Phil.	Ph.D.	D.Sc.
2008-09	-	-	-
2009-10	-	-	-
2010-11	-	-	-
2011-12	-	-	-
2012-13	-	1	-
2013-14	-	-	-
2014-15	-	-	-

S. No.	Teaching Staff Name	Year of awarding Ph.D. Degree
1	Dr. N. Kirubanandha Sarathy	2013

38. Present details of departmental infrastructural facilities with regard to

a) **Library-** Our department has a library having,

- 300 text books
- 15 Lab manuals

- 40 student project reports
- 25 Question Banks
- 36 student project CDs
- 20 project kits
- NPTEL Lectures and also Central Library having about 700 books related to Electronics and Communications

b) **Internet facilities for staff and students – YES**

- Name of the Internet Provider : NKN + BSNL
- Available Bandwidth : 1 Gbps
- Computers are available in Digital Signal Processing lab. Students and staffs can access internet from the labs. The university has 1Gbps internet connectivity.

c) **Total number of class rooms – 07**

d) **Class rooms with ICT facility -YES**

The department has 4 UG class rooms and 2 PG class rooms equipped with LCD projector and optional OHP facilities. An air conditioned seminar hall to accommodate about 300 students where in seminars, guest lectures, and department meetings are organized.

e) **Students Laboratories**

- Digital Signal Processing Laboratory
- VLSI Laboratory
- Microprocessor and Microcontroller Laboratory
- Circuits & Devices Laboratory
- LIC Laboratory
- Digital Electronics Laboratory
- RF & Microwave Laboratory

f) **Research Laboratories**

1. Center for Antenna Design

- Antenna measurement System Unit
- Oscillator set
- Spectrum Analyzer
- AM & FM Signal generator

2. Center for VLSI ,DSP & Embedded Systems

- XILINX Spartan XC3S250 FPGA
- Universal Programmer for DSP
- DSP 5013 Development System
- TMS320C6713 DSP Processor Kit
- Model sim software, Xilinx software
- ARM-7 Development Board with RTOS
- Wireless modules using Zigbee

39. List of doctoral, post-doctoral students and Research Associates

a) **from the host institution/university**

S. No	Registration Number	Name of the Ph.D Scholar
1	SP13ECD001	M.Bindhu
2	SP14ECD001	Dinesh Kumar R
3	SP14ECD002	Angeline M Flashy
4	SP14EED001	C.K.Kishore

b) **from other institutions/universities** – Details given in the below table

S. No	Registration Number	Name of the Ph.D Scholar
1	SP 12 ECD 143	Mr.A.Rajan
2	SP 12 ECD 154	Mr.R.Rajagopal
3	SP13EC010	Mr.A.Jaffar Sadiq Ali
4	SP13EC100	Ms.E.Kavitha

5	SP13EC110	Mr.A.Nedumaran
6	SP13EC111	Mr.B.R.Thapasbapu
7	SP13EC112	Mr.V.Nagaraju
8	SP13EC113	Mr.J.Vinoth Kumar
9	SP13EC126	Ms.B.Hemalatha
10	SP13EC128	Mr.B.Appoon
11	SP13EC137	Mr.J.Sudhakar
12	SP13EC143	Mr.U.Satheeshwaran
13	SP13ECD501	S.Yogeeswaran
14	SP13ECD502	S.Parasuraman
15	SP13ECD507	Mr.G.Manikandan
16	SP13ECD508	Mr.C.R.Rathish
17	SP13ECD511	Mr.P.Magesh

40. Number of post graduate students getting financial assistance from the university

No, PG students receiving financial assistance, however UG students getting financial assistance.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Nil

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- As per IQAC we are getting feed back from the faculty on curriculum and as well as teaching learning evaluation and it is discussed in the HOD meeting.

- The curriculum and syllabus formulation is carried out by the faculty members of the department collectively.
- The faculty members also do have representation in the Board of Studies which formally approves the syllabus.
- The faculty member handling a particular course shall modify certain part of the syllabus based on the need subject to the approval by the Chairman.
- Minor revisions on the syllabus are carried out almost every six months and major revisions once in every four years based primarily on faculty feedback.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Student feedback for each course faculty member is obtained at the end of every semester.
- The Head of the department will provide appropriate suggestions/guidance to the faculty member based on the feedback received.
- The graduating students give a feedback form about the overall curriculum

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Curriculum and Syllabus are continuously reviewed and modified every academic year by Board of Studies based on the feedback and comments received from alumni and industrial experts.

43. List the distinguished alumni of the department (maximum 10).

S. No.	Name of the Alumni	Batch	Company/Institution	Position
1.	Venkataraman.V	2008-2012	Infosys	Software Analyst
2.	Blessy Sara Jeju	2008-2012	Tata Consultancy Services	Technical Support Engineer
3.	Deepika.G	2008-2012	University of Massachusetts Lowell,USA	M.S
4.	Logesh	2009-2013	Xerago	Web Developer

5.	Murugan	2009-2013	IBM	System Engineer
6.	Gopala Krishna	2010-2014	Nityo Infotech	Software Test Engg
7.	Ragavendran	2010-2014	Mindtree Ltd	Junior Engg.
8.	Suganya	2010-2014	D&B India Pvt. Ltd	Program Analyst
9.	Renuka.B	2011-2015	HDFC Pvt. Ltd	Sales Development Manager
10.	Chittaluri Saikiran	2011-2015	USA	M.S

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Details of Students enrichment programmes are given below

S. No.	Event Name	Event Date	External Experts
SPECIAL LECTURES ORGANIZED FROM 2010-2015			
1	Guest Lecture on VLSI	16.09.2010	Mr.Jagdish St.Peter's College of Engineering
2	Guest Lecture on Robotics	10.02.2011	Mr.Santhosh St.Peter's College of Engineering
3	Guest Lecture on Embedded System	16.09.2011	Balaji Sheshathri Surabee Technologies
4	Guest Lecture on Wireless Communication	13.08.2012	Mr. Dhineshkumar, Best System
5	Guest Lecture on Advanced Digital Signal Processing	18.09.2012	Ms.Tanaya Kannungo St.Peter's College of Engineering
6	Guest Lecture on Image Processing	16.01.2013	Mr.Pugalthiran, call soft

7	Guest Lecture on PLC Automation	30.07.2013	Mr.Prasad EAS Excel Automation Solution
8	Guest Lecture on Optical Communication	17.01.2014	Mr. Mageshkannan, KAM India Pvt Ltd.
9	Guest Lecture on Embedded System	02.08.2014	Balaji Sheshathri Surabee Technologies
10	Guest Lecture on Shipping And Logistics	21.08.2014	Mr. Vigneswaran, Bell technologies
WORKSHOPS ORGANIZED FROM 2010-2015			
1	Workshop on Digital Signal Processing	20.10.2010	Mr.A.Suresh Cranes Software International Limited
2	Workshop on Antenna Design	25.07.2012	Mr.Jagdish St.Peter's College of Engineering
3	Workshop on Cadence Software	07.09.2012	Cadence Software Solutions
4	Workshop on PCB Designing	07.08.2013	Dr.V.Amudha St.Peter's College of Engineering
5	Workshop on robotics	29.08.2013 30.08.2013 & 31.08.2013	Mr.G.Senthil Kumar Arobot
6	Workshop on application of Arduino Boards	08.08.2014 & 09.08.2014	Mr.Ravikumar, Ms. Yamini Cmostronics
SEMINARS ORGANIZED FROM 2010-2015			
1	Seminar on Embedded Systems	26.08.2010	Mr.Ravikumar, Pantech Prolab Solutions
2	Seminar on Antenna Design	20.01.2011	Mrs.K,Lakshmi Prabha, St.Peter's College of Engineering

3	Seminar on GATE Exam preparation	11.02.2011	Ms.Renuka, Mr.Kishore Brilliant Gate Coaching Centre
4	Seminar on NS2	20.07.2011	Ms.Preethi CSE Department
5	Seminar on Digital Image Processing	18.01.2012	Tanaya Kannungo St.Peter's College of Engineering
6	Seminar on Recent Trends in Electronics & Communication	19.10.2012	Dr.Shankar Chase Technologies
7	Seminar on awareness program on Robotics	21.01.2013	Mr.G.Senthil Kumar Arobot
8	Seminar on Cyber Security Threats	25.02.2013	Ms.Logeshwari CSE Department
9	Seminar on Embedded Systems	19.07.2013	Mr.Malaiyappan Pantech Prolab Solutions
10	Seminar on GATE Exam preparation	21.01.2014	Mr.Pranesh CADD Centre
11	Seminar on Recent Trends in Electronics & Communication	05.07.2014	Dr.Shankar Chase Technologies
12	Seminar on RF And Microwave Engineering	15.07.2014	Mr. Sandhosh, ICM Solutions
13	Seminar on VLSI Design	19.03.2015	Mr.Sridhar , SKR Engineering college
14	Seminar on Shipping & Logistics	21.08.2014	Mr.Manikandan GML Shipping & Logistics Technologies
PLACEMENT TRAINING ORGANIZED FROM 2010-2015			

1	Live Life Curriculum for 1 st , 2 nd and 3 rd year students	2012-2013	Dr. Kannan Girish Psychiatrist, Ms.Jennifer
2	Training on Analytical and communication skills for final year students	2012-2013	Smart Training Resources Pvt. Ltd, Chennai
3	Live Life Curriculum for 1 st year students	2013-2014	Dr. Kannan Girish Psychiatrist, Ms.Jennifer
4	Training on Analytical and communication skills for final year students	2013-2014	Smart Training Resources Pvt. Ltd, Chennai
5	Training on Analytical and communication skills for final year students	2014-2015	Smart Training Resources Pvt. Ltd, Chennai
6	Training on Analytical and communication skills for final year students	2015-2016	Smart Training Resources Pvt. Ltd, Chennai

45. List the teaching methods adopted by the faculty for different programmes.

- Our faculty uses some of the modern teaching methodologies to improve the quality of the students. They include the use of LCD projector. Using PPT's the technical concepts were explained clearly.
- To enhance comprehension animated and simulation videos were shown to the students, so that they can easily understand the concepts.
- For theory courses without associated practical sessions actual components and circuit boards are taken to the class room for demonstration.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The programme objectives are met through assessment tools which include four continuous assessment tests, assignment and one end semester examination.
- The progress report has been sent to parents for every unit test and model exam.
- The slip test has been conducted for the failure students and class committee meeting is also conducted for improving student's performance.

47. Highlight the participation of students and faculty in extension activities.

- Students are encouraged to participate in various extension activities by joining University level NSS programme, paper presentation, Sports and extra curricular activities.
- Some of the faculty members take part in Social Service Activities through NSS.

Students participated in extension activities like events conducted in symposium and workshops

S. No	Student Name & Class	Activity	Organized by	Period	Award Received
1	Farmanulla John- III Year	Aurdino and embedded Systems workshop	SSN College of Engineering	04.09.2014	Participated
2	Ebsyba-III year	Zig-Zag	Aalim Muhammed Salegh College of Engineering	23.09.2014	Participated
3	Farmanulla John- III year	Paper presentation	Srinivasa Institute of Engineering and Technology	23.08.2014	Second
4	Vigneshwaran - II year	National level Technical Symposium XION-14	SRM University	19.03.2014	Participated
5	Anto Praveen - II year	National level	SRM University	19.03.2014	Participated

		Technical Symposium XION-14			
6	Gowri Shankar k- II year	Echo speech controlled Robot work shop	SPEC-TBI	27.01.2013	Participated
7	Lavanya- II year	Work Shop-on Entrepreneurship	SPEC-TBI	06.02.2012 to 13.02.2012	Participated
8	Arthi- II year	Work Shop-on Entrepreneurship	SPEC-TBI	06.02.2012 to 13.02.2012	Participated
10	Saikiran- II year	Work Shop-on Entrepreneurship	SPEC-TBI	06.02.2012 to 13.02.2012	Participated
11	M.Kathirawan - II year	Innovation From Waste	NEN EWeek SPU	13.02.2012	Participated
12	S.Vishnu Rajan- III year	Symposium	Easwari Engineering College	08.02.2012	Participated
13	R.Murugan- III year	Symposium	Easwari Engineering College	08.02.2012	Participated
14	B.Prasanth- III year	Symposium	Easwari Engineering College	08.02.2012	Participated
15	C.Akshay Kumar- IV year	Workshop	SPEC-TBI	28.08.2012	Participated
16	M.Thyagarajan, SelvaKumar - IV year	Workshop	SPEC-TBI	28.08.2012	Participated
17	V.K. Naga Karthick - IV year	project presentation in National level technical Symposium	Meenakshi Sundarajan Engineering College	07.01.2011	Second
18	R.Sudharsan - IV year	project presentation in National level technical	Meenakshi Sundarajan Engineering College	07.01.2011	Second

		Symposium			
19	Mr.Kamal Raj.A- IV year	Workshop on Embedded Systems	IWIZ Blue Chip Technologies Ltd, Chennai	05.08.2011	Participated
20	Ezilarasi- IV year	old wine in new bottle contest	St.Peter's university	06.02.2011	First place
21	B.Ganesh- IV year	project presentation in National level technical Symposium	Meenakshi Sundarrajan Engineering College	07.01.2011	Second
22	Jagan- IV year	National level Technical Symposium DENCHE11	Valliammai Engineering College	25.08.2011	Participated
23	Manikandan P- IV year	National level Technical Symposium DENCHE11	Valliammai Engineering College	25.08.2011	Participated
24	P Anoop Kumar- IV year	Work Shop On Embedded Systems	IWIZ Bluchip Technologies Pvt Ltd	05.08.2011	Participated
25	Kathiravan.M - IV year	Paper presentation in National Science Day	St.Peters University	11.03.2011	Presented
26	Akshay kumar C- IV year	Paper presentation in National Science Day	St.Peters University	11.03.2011	Presented
27	G.Tejaswi- IV year	Workshop on Evolutions of Embedded Systems	Spiro Solutions Pvt Ltd	15.07.2011	Participated
28	Sangeetha.I- IV year	Workshop on Evolutions of Embedded Systems	Spiro Solutions Pvt Ltd	15.07.2011	Participated

29	Nisha Bari- IV year	Workshop on Evolutions of Embedded Systems	Spiro Solutions Pvt Ltd	15.07.2011	Participated
30	J.Kalpana - IV year	NEN - AURORA	St.Peters University	15.10.2010	Participated

Students Participated in Sports activities:

S.No	Student Name & Class	Event	Period	Position
1	C.Sangeetha 3 rd Year	Shuttle	2014-2015	Winner
2	S.Susmitha 3 rd Year	Shuttle	2014-2015	Winner
3	R.Vinodhini 3 rd Year	Throw Ball	2014-2015	Winner
4	M.Ponsuki 3 rd Year	Throw Ball	2014-2015	Winner
5	S.Nishalini Ragel 3 rd Year	Throw Ball	2014-2015	Winner
6	S.Priyanka 3 rd Year	Throw Ball	2014-2015	Winner
7	M.Johnsi Rani 3 rd Year	Throw Ball	2014-2015	Winner
8	S.Rama Bharathi 3 rd Year	Throw Ball	2014-2015	Winner
9	G.Sruthi 3 rd Year	Throw Ball	2014-2015	Winner
10	V.Pramila 3 rd Year	Throw Ball	2014-2015	Winner
11	M.Ponsuki 3 rd Year	200m	2014-2015	2 nd Prize
12	M.Nandhini Devi 3 rd Year	Disc Throw	2014-2015	2 nd Prize
13	S.Rama Bharathi 3 rd Year	Disc Throw	2014-2015	3 rd Prize
14	S.Rama Bharathi 3 rd Year	Shot Put	2014-2015	2 nd Prize
15	M.Nandhini Devi 3 rd Year	Shot Put	2014-2015	3 rd Prize
16	S.Rama Bharathi 3 rd Year	100m	2014-2015	2 nd Prize
17	P.Gayathri 3 rd Year	Chess	2014-2015	Winner
18	T.R.Antopraveen 3 rd Year	Cricket	2014-2015	Winner

St. Peter's Institute of Higher Education and Research

19	S.Manikandan 3 rd Year	Cricket	2014-2015	Winner
20	K.Logesh 3 rd Year	Cricket	2014-2015	Winner
21	D.Altrin Prathap 3 rd Year	Cricket	2014-2015	Winner
22	T.Chinnras 3 rd Year	Cricket	2014-2015	Winner
23	S.Pandian 3 rd Year	Shot Put	2014-2015	2 nd Prize
24	K.Akash 3 rd Year	Cricket	2014-2015	Winner
25	R.Gowtham 3 rd Year	Cricket	2014-2015	Winner
26	M.Fathulla 3 rd Year	Cricket	2014-2015	Winner
27	M.E.Mohammed Abdul Bari 3 rd Year	Cricket	2014-2015	Winner
28	R.Vinodhini 2 nd Year	Volley Ball	2013-2014	Winner
29	M.Ponsuki 2 nd Year	Volley Ball	2013-2014	Winner
30	S.Rama Bharathi 2 nd Year	Volley Ball	2013-2014	Winner
31	R.Vinodhini 2 nd Year	Throw Ball	2013-2014	Runner
32	M.Ponsuki 2 nd Year	Throw Ball	2013-2014	Runner
33	S.Nishalini Ragel 2 nd Year	Throw Ball	2013-2014	Runner
34	S.Susmitha 2 nd Year	Shuttle	2013-2014	Runner
35	R.Vinodhini 1 st Year	Volley Ball	2012-2013	Winner
36	M.Ponsuki 1 st Year	Volley Ball	2012-2013	Winner
37	S.Nishalini Ragel 1 st Year	Volley Ball	2012-2013	Winner
38	S.Susmitha 1 st Year	Volley Ball	2012-2013	Winner
39	P.Gayathri 1 st Year	Volley Ball	2012-2013	Winner
40	R.Vinodhini 1 st Year	Throw Ball	2012-2013	Winner
41	M.Ponsuki 1 st Year	Throw Ball	2012-2013	Winner

42	S.Nishalini Ragel 1 st Year	Throw Ball	2012-2013	Winner
43	S.Susmitha 1 st Year	Throw Ball	2012-2013	Winner
44	M.Johnsi Rani 1 st Year	Throw Ball	2012-2013	Winner
45	P.Gayathri 1 st Year	Throw Ball	2012-2013	Winner
46	S.Susmitha 1 st Year	Shuttle	2012-2013	Winner
47	C.Sangeetha 1 st Year	Shuttle	2012-2013	Winner

48. Give details of “beyond syllabus scholarly activities” of the department.

- The University has Anna University Edu Sat link through which students and faculty have access to the classes which are conducted once a week by senior Professors on selected subjects.
- Conducts periodic guest lectures on cutting edge technologies by inviting Academicians and industry persons
- Conducts Workshops both for faculty and students to help in acquiring the necessary skills for using modern tools and techniques.
- Conducts International Conferences for faculty and students to help in acquiring the necessary skills for using modern tools and techniques.
- Conducts various activities such as Xponders, project exhibition etc. ,

XPONDERS

Xponders, A National level Technical symposium hosted by department of ECE of SPU is all set to create an unmatched aura of science & technology with its varied plethora of events. With the motto to quench the thirst for innovation and creativity in young minds, "Xponders" has surpassed 54 years and has added a yet another feather to the illustrious cap of SPU.

A National level annual technical symposium will be organized by the students with the co-ordination of staff members in the month of October every year.

Xponders is with exciting and challenging events in all areas of student's expertise with assured cash prizes. There are interesting Surprise events with technical paper presentations.

Events in Xponders:

- Circuit Debugging
- Technical Adzap
- Technical Quiz.

SYMPOSIUM

S. No.	Symposium Name	Date	Chief Guest
1	Xponders 2k2010	11.08.2010	Mr.M.Logesh, Datapage Pvt Ltd.
2	Xponders 2k2011	12.08.2011	Mr.K.Loganadhan, Hallmark Foundations Pvt Ltd
3	Xponders 2k2012	11.08.2012	Mr.M.Ramesh Babu ,C2iL.com
4	Xponders 2k2013	08.08.2013	Mr.K.Sridhar, Head Communication System Group
5	Xponders 2k2014	10.08.2014	Mr.M.Ramkumar,Gemini communication Ltd.

PROJECT EXHIBITION

To explore the practical knowledge of the UG and PG students and to develop team's ability to plan, adjust and react to changing circumstances we give them the opportunity to display their Projects for the public in the name of Project Exhibition every year.

The Final year, Third year, Second year Students have displayed and demonstrated their Projects. The projects were categorized in different fields of specialization such as Embedded System, VLSI, Antenna and Communication. Nearly 20 projects have been displayed by students. All projects were mostly Industrial Application oriented and to the current standard.

The ease and better understanding of the activities and challenges while doing the project was initiated by HOD, ECE. The University chancellor, University advisor, Academic Director, other department HODs and the staff members from SPCET has visited the exhibition hall and interacted with the students who have displayed the projects and they also gave suggestion in order to enhance their project.

Three best projects have been selected by the chief guest and prizes were distributed to the winners.

PROJECT EXHIBITION

S. No	Date	Chief Guest
1	24.03.2011	Mr.Sureshkumar,Pantech solutions,
2	23.04.2012	Mr.Thillaipandian,Kaar Technology
3	18.04.2013	Mr.Paari, Keystone Software
4	25.03.2014	Mr.Kannan,Bluetooth Technology
5	01.04.2015	Mr.Malaiyappan, Pantech Prolab solutions

INPLANT TRAINING/INTERNSHIP

S. No	Student Name	Company Name	Period
1	Aishwarya.P 4 th Year B.E.	Prasar Bharati	16.06.2015 to 26.06.2015
2	Gayathri.P 4 th Year B.E.	National Institute of Ocean Technology	15.06.2015 to 26.06.2015
3	Susmitha.S 4 th Year B.E.	National Institute of Ocean Technology	15.06.2015 to 26.06.2015
4	Farmanulla John.Km 4 th Year B.E.	National Institute of Ocean Technology	15.06.2015 to 26.06.2015
5	Vinodhini.R 4 th Year B.E.	Prasar Bharati	18.05.2015 to 22.05.2015
6	Priyanka.S 4 th Year B.E.	Prasar Bharati	18.05.2015 to 22.05.2015
7	Kiruthika.K.S 4 th Year B.E.	Prasar Bharati	18.05.2015 to 22.05.2015
8	Sangeetha.C 4 th Year B.E.	CVRDE ,Ministry of Defence	25.05.2015 to 29.05.2015
9	Sangeetha.C 4 th Year B.E.	Bharat Electronics Limited	16.6.2014 to 20.06.2014
10	Farmanulla John.Km 3 rd Year B.E.	Chennai Port Trust	11.12.2014 to 16.12.2014
11	M.Aarthi 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
12	A.Angel 4 th Year B.E.	Siemens	22.05.2014 to 24.06.2014
13	R.Angel Epsiba 4 th Year B.E.	Siemens	22.05.2014 to 24.06.2014

14	Anusha.M 4 th Year B.E.	Siemens	22.05.2014 to 24.06.2014
15	Anushya.R 4 th Year B.E.	Siemens	22.05.2014 to 24.06.2014
16	Gomathi.K 4 th Year B.E.	Siemens	22.05.2014 to 24.06.2014
17	D.Aruna 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
18	Ravi Kant 4 th Year B.E.	Southern Railway	19.05.2014 to 24.05.2014
19	Shashi Kant Kumar 4 th Year B.E.	Southern Railway	19.05.2014 to 24.05.2014
20	Vinoth.K 4 th Year B.E.	Uniq Tech	15.06.2014 to 17.06.2014
21	Vasu Devan.M 4 th Year B.E.	Uniq Tech	15.06.2014 to 17.06.2014
22	Tameen Ansari.I 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
23	Lavanya.P 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
24	Shiyam .S 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
25	Tharani.P 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
26	Victoria.D 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
27	Yamini.S 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
28	Poornima.R 4 th Year B.E.	Prasar Bharathi	16.06.2014 to 20.06.2014
29	Poovarasana.K 4 th Year B.E.	BSNL	09.06.2014 to 13.06.2014
30	Raj Deepak.K 4 th Year B.E.	BSNL	09.06.2014 to 13.06.2014
31	Farmanulla John.Km 3 rd Year B.E.	BSNL	02.06.2014 to 06.06.2014
32	Sangeetha.C 3 rd Year B.E.	HVF Training School	22.05.2014 to 07.06.2014
33	Mohideen Gani.I 3 rd Year B.E.	Prasar Bharati	02.06.2014 to 06.06.2014
34	Anto Praveen.Tr 3 rd Year B.E.	Prasar Bharati	26.05.2014 to 30.05.2014
35	Farmanulla John.Km 3 rd Year B.E.	Prasar Bharati	26.05.2014 to 30.05.2014

36	Lavanya.P 4 th Year B.E.	BSNL	19.05.2014 to 23.05.2014
37	Tameen Ansari.I 4 th Year B.E.	BSNL	19.05.2014 to 23.05.2014
38	Tameen Ansari.I 4 th Year B.E.	Uniq Tech	26.05.2014 to 11.06.2014
39	Vaishnavi.A 4 th Year B.E.	BSNL	19.05.2014 to 23.05.2014
40	Tharani.P 3 rd Year B.E.	BSNL	19.05.2014 to 23.05.2014
41	Aishwarya.P 3 rd Year B.E.	BSNL	19.05.2014 to 23.05.2014
42	Yuvarani.H 3 rd Year B.E.	Bharat Electronics Limited	16.06.2014 to 20.06.2014
43	Pramila.V 3 rd Year B.E.	Bharat Electronics Limited	16.06.2014 to 20.06.2014
44	Karthikeyan.M 3 rd Year B.E.	Prasar Bharti	02.06.2014 to 06.06.2014
45	Chimmani Amrish 3 rd Year B.E.	Prasar Bharathi	24.06.2013 to 28.06.2013
46	Chittaluri Sai Kiran 3 rd Year B.E.	Prasar Bharathi	24.06.2013 to 28.06.2013
47	Gomathi.K 3 rd Year B.E.	Prasar Bharathi	24.06.2013 to 28.06.2013
48	Joel Singh.E 3 rd Year B.E.	Prasar Bharathi	24.06.2013 to 28.06.2013
49	Saroja.P 3 rd Year B.E.	Prasar Bharathi	24.06.2013 to 28.06.2013
50	Prasanna Parthasarthy.N 3 rd Year B.E.	Prasar Bharathi	24.06.2013 to 28.06.2013
51	Renuka Devi.M 3 rd Year B.E.	Prasar Bharathi	24.06.2013 to 28.06.2013
52	Priyanka 3 rd Year B.E.	Kaashiv Infotech	21.05.2012 to 25.05.2012
53	Suganya.S 3 rd Year B.E.	Kaashiv Infotech	21.05.2012 to 25.05.2012
54	Sruthi.S 2 nd Year B.E.	Kaashiv Infotech	21.05.2012 to 25.05.2012
55	Subashree.R 2 nd Year B.E.	BSNL	26.12.2011 to 30.12.2011
56	Vidhya.R 2 nd Year B.E.	BSNL	26.12.2011 to 30.12.2011
57	Sharmila.U 2 nd Year B.E.	BSNL	26.12.2011 to 30.12.2011

INDUSTRIAL VISIT

S. No	Year/sem	Date	Company Name
1	II&III	18.02.2015	All India Radio
2	II&III	18.09.2014	Kamarajar Port Ltd
3	II&III	21.08.2014	Excel Automation Solutions
4	IV	20.08.2014	Excel Automation Solutions
5	II	27.03.2014	Kamarajar Port Ltd
6	IV&III	26.09.2013	CSIR-SERC(Structural Engineering Research Center)
7	III	24.07.2013	BSNL
8	IV	25.07.2013	All India Radio, Thirumullaivoyal
9	III	14.02.2013	Ashok Leyland

49. State whether the programme/ department is accredited /graded by other agencies? If yes, give details

The Certification Body of TUV SUD South Asia Private Limited certifies that St.Peter's University has established and applies a Quality Management System and fulfilled the ISO 9001: 2008 which is effective from 2014-06-06.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Students are motivated to do mini projects in IIIrd year of their UG course to gain practical knowledge and they are encouraged to do paper presentation in other institutions and conferences.
- The Final year projects were exhibited to public every year and also recommended for external competitions.
- PG students were motivated for journal publications.
- A number of project proposals submitted to various funding agencies and a few approved.
- MoU with National Institute of Wind Energy for training students and faculty in New and Renewable energy resources.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Quality faculty with research capability.
- High focus on employability and entrepreneurship skills.
- Equal emphasis on co-curricular, value added programs and new technologies.
- Strong industry linkage through active MOU's with many industrial bodies.
- Focused on building skills for faculty.
- Continuous innovation in teaching learning process.
- Strong student counselling system.

Weakness:

- Lack of support collaboration of National and International level
- Less number of Patent registration

Opportunity:

- Students and faculty exchange program in foreign universities
- Research programs at National and International level
- Foreign student Internship
- Developing skills centre for vocational courses

Challenges:

- Employability of students
- Attracting eminent researchers and academicians in the campus

52. Future plans of the department

- To improve research and development activities in the department by inducting faculty with research background and getting grants from industries and various funding agencies.
- To focus on development of projects and skill development for improving employability.
- To work towards improving teaching learning process through innovation and emerge as a National level institute
- Introducing new programmes in our department.

Photos of Seminars/Guest Lectures



Live Life Curriculum ,24/02/2011 by Ms.Jennifer,
Smart training resources Pvt.Ltd.



Guest Lecture on Advanced Digital Signal Processing on
18/09/2012 by Dr.Mani.



Seminar on RF And Microwave Engineering on
15/07/2014 by Mr. Sandhosh, ICM Solutions



Seminar on Embedded Systems on 26/08/2010 by
Mr.Ravikumar, Pantech Prolab Solutions



A Guest Lecture on Embedded System on 02/08/2014
by Balaji Sheshathri, Surabee Technologies



A Seminar on GATE Exam preparation on 21/01/2014 by
Mr.Pranesh, CADD centre



Seminar on Embedded Systems on 19/07/2013 by
Mr.Malaivappan, Pantech Prolab Solution



Seminar on awareness program on robotics
on 21/01/2013 by Mr.G.Senthil Kumar

Workshop photos



Workshop on Robotics on 29, 30 & 31/08/2013



Workshop on PCB Designing on 07/08/2013



A workshop on application of Arduino boards on 8 & 9/8/2014



Workshop on Antenna Design on 25/07/2012

National and International Conferences



National Conference NCETICC 2K13



National Research Scholar's Seminar NRSGCC



International Conference ICGPC -2014



International Conference ICGPC -2015

Project Exhibitions



Xponders

