

EDITORIAL BOARD

Dr.J.M.Mathana	Professor & HOD
Ms.T.M.Minipriya	Assistant Professor
Ms.B.Revathi	Assistant Professor
V.Nandha Kumar	Student Member
J.Praveen	Student Member

S.A. ENGINEERING COLLEGE, CHENNAI-77 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SWARAKSHA - 2K15

Annual News Letter, Volume (1) Issue 1, JUNE 2015

Our Vision:

To achieve overall excellence in education by continuously upgrading the teaching learning process and incorporating latest technological advancements happening worldwide with ethical responsibilities.

Our Mission:

- To impart sound technical competency and quality education for students to enhance the employability and ethical values.
- To provide conducive environment for faculty and students with excellent facilities to improve research activity.

Program Educational Objectives (PEOs)

- i. Our graduate Engineers will have professional competency in Electronics and Communication Engineering with good foundation in Mathematics and basic sciences.
- ii. Our graduates will possess lifelong learning process and augment their engineering skills for new challenges with sustainability.
- iii. Our graduates will have effective communication skills and work in multidisciplinary team.
- iv. Our graduates will practice the profession with ethics, integrity, leadership and social responsibility.

Program Outcomes (POs)

- a. To apply **knowledge** of mathematics, science and engineering appropriate to ECE discipline.
- b. To formulate and analyze the complex engineering **problems** by using the principles of mathematics and engineering fundamentals.
- c. To **design and develop system** (or) process to meet the desired needs within the realistic constraints of the societal and environmental considerations.
- d. To **investigate complex problems** by conducting experiments, analyze interpret and synthesize the information to provide conclusions.
- e. To select and use appropriate **modern tools** for solving complex engineering problems.
- f. To apply **reasoning knowledge** for providing engineering solutions to societal needs with professional engineering practice.
- g. To demonstrate the knowledge of engineering for providing **environmental solutions** and **sustainable** development.
- h. To understand the **ethical principles** and professional responsibilities.
- i. To function effectively as a member (or) **a leader in multidisciplinary activity**.
- j. To deliver effective **presentations** and **communicate** at ease with the society.
- k. To be successful member (or) leader in diverse teams with enhanced **administrative skills** and **financial management**.
- l. To realize the need for **lifelong learning** and adopt themselves to technological changes.

EVENTS ORGANISED BY ECE DEPARTMENT NATIONAL CONFERENCE



One day National Conference "SPECTRUM - 2015" on 25.03.2015 it was inaugurated by the chief Mr. I. Jayendiran, Chennai.

GUEST LECTURES



Guest lecture on 17.2.15 by Dr.S.Udayakumar, Professor, EEE Department, Anna University on **"Control systems"** for II ECE Students.



Guest lecture on 25.2.15 by Mr.R.Hariharan Senior Engineer, Ericsson India Global Services, Mr.C.Jithin Network Engineer, Ericsson India Global Services on **"4G Communication"** for III ECE and M.E Communication systems Students.



Guest lecture on 12.3.15 by Ratnakar S. Mohapatra, Scientist D, CVRDE, Avadi, Chennai on "Control systems" for II ECE Students.



Guest lecture on 17.3.15 by Mr.N.Mahendhran, CEO, Merge Technologies, Chennai on "Embedded and Real time systems" for IV ECE Students.



Guest lecture on 23.3.15 by Mr.G.Kanagaraj Divisional Engineer (Technical), RGMTC on "Wireless Networks" for IV ECE Students.



Guest lecture on 17.3.15 by Mr.A.Jagadeesh, Managing Director, YAM Technologies, Chennai for III ECE Students.

INDUSTRIAL VISITS

1. IV year B & C Section Students went on an Industrial Visit to AP LABS PVT LTD, Chennai, on 17/07/14.
2. IV year A Section Students went on an Industrial Visit to ISRO- ISAC (ISRO SATELLITE CENTRE), Chennai, on 18/07/14.
3. III year A B & C Section Students went on an Industrial Visit to BhaviniKalpakkam, on 13/08/14, 22/08/14 & 05/09/14.
4. II year A B & C Section Students went on an Industrial Visit to BSNL, RTTC Maraimalai Nagar, on 20/08/14, 21/08/14 & 22/08/14.
5. I and II year M.E. Communication Systems Students went on an Industrial Visit to Sameer-centre for Electromagnetics Taramani, Chennai, on 26/02/15.
6. II year A B C & D Section Students went on an Industrial Visit to PrasarBharatiDoordharsan Kendra. Chennai, on 10/03/15, 11/03/15, 12/03/15 & 13/03/15.
7. III year A B & C Section Students went on an Industrial Visit to ZigmaMeditech India Pvt Ltd. Chennai, on 23/03/15, 24/03/15 & 25/03/15.

INPLANT TRAINING/INTERSHIP

- ❖ 13 No of Students of II year were undergone for Inplant Training during DEC 2014.
- ❖ 12 No of Students of III year were undergone for Inplant Training during DEC 2014.
- ❖ 12 No of Students of III year were undergone for Intership during DEC 2014.
- ❖ 12 No of Students of III year were undergone for Intership during DEC 2014.

VALUE ADDED COURSES

- ❖ Totally 6 value added programs were conducted by various concern like Tech labs, Sunshive Electronics, Pantech Pro, Riseengg Technologies etc., for II, III and IV year students

PUBLICATIONS BY FACULTY IN NATIONAL/INTERNATIONAL JOURNALS

1. Dr.J.Mathana Prof., "Design of Multiband Parasitic Patch Antenna for MIMO Beam Steering" in the IJAER, Annexure II, Vol. 10 No.2 (2015) pp. 1710-1713.
2. Dr.J.Mathana Prof., "Design of Reconfigurable Parasitic Antenna for Single RF Chain MIMO Systems", in the World Academy of Science, Engineering and Technology, Annexure-II, Sl. No. 20409.
3. Dr.T.Sasilatha Prof., "An Energy Efficient Key Management Scheme For Mobile Wireless Sensor Networks", in the International Journal Of Advanced Technology In Engineering And Science, Vol 02, Issue No. 07 July 2014.
4. Dr.T.Sasilatha Prof., "FPGA based Patient Monitoring System using SOPC", in the International Journal of Pharma& Bio Science.
5. Dr.T.Sasilatha Prof., "A Low Power Modified Carry save Adder for Reconfigurable Digital Filters", in the IJAER.
6. Dr.D.Mohanageetha Prof., "Temporary Redundant Transmission Mechanism for SCTP Multi homed Hosts", in the Scientific World Journal, Annexure I.
7. Dr.D.Mohanageetha Prof., "Design and Performance Analysis of Multi beam Antenna" in the International Journal of Technology Enhancements and Emerging Engineering Research, Vol 2, Issue 9, 2014.
8. Dr.D.Mohanageetha Prof., "Performance Estimation and optimization of a novel micro strip integrated array patch antenna" in the IJAER, Annexure II, ISSN 0973-4562 Volume 10, Number 6, 2015.
9. Dr.D.Mohanageetha Prof., "A Survey on Communication with UGV via UAV" in the IJAER, Annexure II, ISSN 0973-4562 Volume 10, Number 6, 2015.
10. Dr.D.Mohanageetha Prof., "Study of Wave Pipelined System", Annexure II.
11. Dr.D.Mohanageetha Prof., "Context Aware Rule Expert System for Biometric Template protection" in the IJAER, Annexure II.
12. Dr.K.Thanigaivelu Prof., "Impact of Hybrid sink on Network Performance in Wireless Sensor Networks" in the IJAER, Annexure II.
13. Mr.C.ArunachalaperumalAsso Prof., "Performance Evolution of Trellis coding in Multiple Input Multiple Output Communication Systems-A review" in the Journal of Communications, Technology & Electronics, Vol 59, issue 11 pp 1247-1252 Nov 2014.
14. Mr.C.ArunachalaperumalAsso Prof., "A Study on 2D & 3D channel models for Multiple Input Multiple Output Systems" in the International Journal Of grid computing & E-science.
15. Mr.C.ArunachalaperumalAsso Prof., "Design of Multiband Parasitic Patch Antenna for MIMO Beam Steering" in the IJAER, Annexure-II.
16. Mr.C.ArunachalaperumalAsso Prof., "Comparison of Beam forming Techniques for MIMO Wireless Networks" in the IJAER, Annexure-II.
17. Mr.C.ArunachalaperumalAsso Prof., "Performance Analysis of Polar Coded Spatial Modulation and variants of Trellis Coded Spatial Modulation" in the Radio electronics and Communication Systems, Annexure-II, Sl. No. 17087.
18. Mr.B.R.TapasBabuAsso Prof., "Impact of Hybrid sink on Network Performance in Wireless Sensor Networks" in the IJAER, Annexure-II, ISSN 0973-4562 Volume 10, Number 6 (2015).
19. Mr.B.R.TapasBabuAsso Prof., "Single Port Overlay Cognitive Radio Using Reconfigurable Filtennas" in the WASET, Annexure-II.
20. Mr.B.R.TapasBabuAsso Prof., "Impact of Interferences in Co-operative Femtocell Networks" in the Middle-East Journal of Scientific Research, Annexure-II 10.5829/idosi.mejsr .2015 .23.04.22138, 706-711, 2015.
21. Mr.V.NagarajuAsso Prof., "Implementation of LEACH protocol for enhancing secrecy in software defined radio channels" in the IJAER, Annexure-II, ISSN 0973-4562 Volume 10, Number 6 (2015).
22. Mr.V.NagarajuAsso Prof., "Single Port Overlay Cognitive Radio Using Reconfigurable Filtennas" in the WASET, Annexure-II.
23. Mr.V.NagarajuAsso Prof., "Impact of Interferences in Co-operative Femtocell Networks" in the Middle-East Journal of Scientific Research, Annexure-II 10.5829/idosi.mejsr .2015. 23.04.22138, 706-711, 2015.
24. Mr.V.NagarajuAsso Prof., "Performance Estimation and optimization of a novel micro strip integrated array patch antenna" in the IJAER, Annexure-II ISSN 0973-4562 Volume 10, Number 6 (2015).
25. Ms.M.VanithalakshmiAsso Prof., "MIMO satellite channel capacity and applications-A survey" in the IJAER, Annexure-II ISSN 0973-4562 Volume 10, Number 6 (2015).
26. Ms.M.VanithalakshmiAsso Prof., "Comparitive study of Artificial Magnetic Conductor with Mushroom like Electromagnetic Band Gap" in the IJAER, Annexure-II ISSN 0973-4562 Volume 10, Number 6 (2015).
27. Ms.M.VanithalakshmiAsso Prof., "Ameliorating Speech Intelligibility Using VuvuzelaDenosing Technique for Hearing Aid" in the IJAER, Annexure-II ISSN 0973-4562 Volume 10, Number 6 (2015) PP1471-1475.
28. Ms.K.M.DhanalakshmiAsst Prof., "Comparitive study of Artificial Magnetic Conductor with Mushroom like Electromagnetic Band Gap" in the IJAER, Annexure-II ISSN 0973-4562 Volume 10, Number 6 (2015).
29. Ms.R.RadhikaAsst Prof., "Effective Architecture of DCT using sum select algorithm" in the IJAER, Annexure-II ISSN 0973-4562 Volume 10, Number 6 (2015) PP 1852-1856.
66. Ms.K.B.BavithraAsst Prof., "Performance analysis of Polar Coded Spatial Modulation for MIMO

- System”, in the National Conference, SPECTRUM 15.
67. Ms.P.SasirekaAsst Prof., “Planning, Designing and Building Large Scale Wi-Fi Network at Campus”, in the National Conference, SPECTRUM 15.
 68. Ms.P.SasirekaAsst Prof., “Detection of Protruding Rods in Moving Trucks to avoid accidents using Image Processing”, in the National Conference, SPECTRUM 15.
 69. Ms.K.MekaladeviAsst Prof., “Smart irrigation system using wireless sensor and GPRS module”, in the National Conference, SPECTRUM 15.
 70. Mr.D.BalakumaranAsst Prof., “Real Time Implementation of Intelligent Vanet”, in the National Conference, SPECTRUM 15.
 71. Mr.D.BalakumaranAsst Prof., “Eluding from Border Effects for Unbroken Relatedness in WSNs”, in the National Conference, SPECTRUM 15.
 72. Ms.G.AbijaAsst Prof., “Hairline Bone Crack Detection Using Sensor and GSM Modem”, in the National Conference, SPECTRUM 15.
 73. Ms.G.AbijaAsst Prof., “Efficient Usage of Spectrum in Cognitive Radio Network”, in the National Conference, SPECTRUM 15.
 74. Ms.J.DhivyaAsst Prof., “Passenger Bus Alert System for Easy Navigation of Blind” in the National Conference, SPECTRUM 15.
 75. Ms.M.BagyalakshmiAsst Prof., “Securing Cloud Using Fingerprint with Improved Performance” in the National Conference, SPECTRUM 15.
 76. Ms.T.M.MinipriyaAsst Prof., “Wireless Control Station for Condenser Evacuation System (In 210 Mw Thermal Plant) Using Zig Bee and Embedded System” in the National Conference, SPECTRUM 15.

INTERNATIONAL CONFERENCES

1. Dr.J.Mathana Prof.,” Reconfigurable Architecture of Multi standard Interleaver for Turbo Coded Systems” in the international Conference in Electronics and Communication Engineering CRTEECC-2014.
2. Dr.J.Mathana Prof.,” Design of Multiband Parasitic Patch Antenna for MIMO Beam Steering” in the ICGPC 2015.
3. Dr.D.Mohanageetha Prof.,” Performance Estimation and optimization of a novel micro strip integrated array patch antenna” in the ICGPC 2015.
4. Dr.D.Mohanageetha Prof.,” A Survey on Communication with UGV via UAV” in the ICGPC 2015.
5. Dr.K.Thanigaivelu Prof.,” Impact of Hybrid sink on Network Performance in Wireless Sensor Networks” in the ICGPC 2015.
6. Mr.C.ArunachalaperumalAsso Prof., “The Comparative Study of Precoding and PrewhiteningSchwemes for MIMO Cognitive Systems” in the ICSEMR 2014.
7. Mr.C.ArunachalaperumalAsso Prof., “MIMO satellite channel capacity and applications-A survey” in the ICGPC 2015.

8. Mr.C.ArunachalaperumalAsso Prof., “Interference analysis 4x4 MIMO Cognitive Radio network” in the ICGPC 2015.
9. Mr.B.R.TapasBabuAsso Prof., “Impact of Hybrid sink on Network Performance in Wireless Sensor Networks” in the ICGPC 2015.
10. Mr.V.NagarajuAsso Prof., “Single Port Overlay Cognitive Radio Using Reconfigurable Filtennas” in the ICRTEECC-2014.
11. Mr.V.NagarajuAsso Prof., “Optimization Of Secrecy In Software Defined Radio Channels Using Leach Protocol” in the ICRTEECC-2014.
12. Mr.V.NagarajuAsso Prof., “Single Port Overlay Cognitive Radio Using Reconfigurable Filtennas” in the ICRTEECC-2014.
13. Mr.V.NagarajuAsso Prof., “Optimization Of Secrecy In Software Defined Radio Channels Using Leach Protocol” in the ICRTEECC-2014.
14. Mr.V.NagarajuAsso Prof., “Performance Estimation and optimization of a novel micro strip integrated array patch antenna” in the ICGPC 2015.
15. Ms.M.VanithalakshmiAsso Prof., “A Secured Data Hiding in Video Based On LFSR Method” in the ICRTEECC-2014.
16. Ms.M.VanithalakshmiAsso Prof., “Improving Speech Intelligibility Using Noise Reduction Techniques For Hearing Aid Applications” in the ICRTEECC-2014.
17. Ms.M.VanithalakshmiAsso Prof., “MIMO satellite channel capacity and applications-A survey” in the ICGPC 2015.
18. Ms.M.VanithalakshmiAsso Prof., “Comparitive study of Artificial Magnetic Conductor with Mushroom like Electromagnetic Band Gap” in the ICGPC 2015.
19. Ms.N.AnushaAsst Prof., “Design of full adder structure using Adiabatic Logic” in the ICIRET.
20. Ms.R.RadhikaAsst Prof., “Effective Architecture of DCT using sum select algorithm” in the ICET2K15.
21. Ms.R.RadhikaAsst Prof., “Design of Discrete cosine transform on FPGA” in the ICIRET.
22. Ms.K.M.DhanalakshmiAsst Prof., “Comparitive study of Artificial Magnetic Conductor with Mushroom like Electromagnetic Band Gap” in the ICGPC 2015.
23. Mr.D.BalakumaranAsst Prof., “Avoidance of border effects for uninterrupted connectivity in WSNs” in the ICRTEECC-2014.
24. Mr.S.Dhilip Kumar Asst Prof., “MIMO satellite channel capacity and applications-A survey” in the ICGPC 2015.
25. Ms.G.AbijaAsst Prof., “MIMO satellite channel capacity and applications-A survey” in the ICGPC 2015.

STUDENT PARTICIPATION IN CO-CURRICULAR ACTIVITIES

1. N.Rohit, of III Year Participated in National level Technical Symposium Won III Prize in Sumo Robo, held at MISRIMAL NAVAJEEMUNOTH JAIN ENGINEERING COLLEGE, CHENNAI.
2. A.SarueshsriDut, of III Year Participated in National level Technical Symposium Won III Prize in Sumo Robo, held at MISRIMAL NAVAJEEMUNOTH JAIN ENGINEERING COLLEGE, CHENNAI.
3. N.Rohit, of III Year Participated in National level Technical Symposium Won II Prize in Robo Rally, held at MEENAKSHI COLLEGE OF ENGINEERING, CHENNAI.
4. H.Mukesh, of III Year Participated in National level Technical Symposium held at SAVEETHA ENGINEERING COLLEGE, CHENNAI.
5. R.Manuneedhicholan, of III Year Participated in National level Technical Symposium held at SAVEETHA ENGINEERING COLLEGE, CHENNAI.
6. S.Bhavani, of III Year Participated in National level Technical Symposium held at DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE.
7. Benita Mary, of III Year Participated in National level Technical Symposium held at DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE.
8. A.Deepika, of III Year Participated in National level Technical Symposium held at DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE.
9. M.K.Dhanalakshmi, of III Year Participated in National level Technical Symposium held at DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE.
10. B.Juleechoudhary, of III Year Participated in National level Technical Symposium held at DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE.
11. Hari, of IV Year Participated in National level Technical Symposium Won III Prize in Techie Treasure, held at SAVEETHA ENGINEERING COLLEGE, CHENNAI.
12. P.Kalaivanan, of IV Year Participated in National level Technical Symposium Won I Prize in Stock War, held at SAVEETHA ENGINEERING COLLEGE, CHENNAI.

INTERNATIONAL CONFERENCES

1. Beryl J Victor of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.
2. M.Evanjalin Lydia of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.
3. E.Jegadeeswari of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.
4. P.Sandhya of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.
5. C.Rajpreetha of II Year - M.E presented the paper at RMK College of Engineering And Technology.
6. D.Priya of II Year - M.E presented the paper at Vel Tech Multi Tech, Chennai.
7. KannanSelvan of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.

8. T.NaveenaPriya of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.
9. A.Raj Kumar of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.
10. S.Lokesh of II Year - M.E presented the paper at RMK COLLEGE OF ENGINEERING AND TECHNOLOGY.

STUDENT PARTICIPATION IN EXTRA-CURRICULAR ACTIVITIES

1. J.Sirajudeen of III year Student has participated in Zonal Level Hockey Tournament in 2014-2015.
2. Jesse Mark Glover of II year Student has participated in Inter College Basketball Tournament in 2014-2015.
3. Roshni of II year Student has participated in Zonal Level Basketball Tournament in 2014-2015.
4. D.Vinodha of II year Student has participated in Zonal Level Basketball Tournament in 2014-2015.
5. Lokesh of IV year Student has participated in Zonal Level Basketball Tournament in 2014-2015.
6. Andrew John of IV year Student has participated in Zonal Level Tennis Tournament in 2014-2015.
7. K.H.Anand of II year Student has participated in Zonal Level Kho-Kho Tournament in 2014-2015.
8. S.Mohan of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
9. S.Santhiya Kumar of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
10. T.Purushothaman of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
11. V.Sivagnanraja of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
12. C.Ragaventhira of IV year Student has participated in Volley ball Tournament in 2014-2015.
13. Anitha of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
14. C.Ragaventhira of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
15. Lokesh of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
16. Siva gnanaraja of IV year Student has participated in Zonal Level Handball Tournament in 2014-2015.
17. B.Sashti Kumar of II year Student has participated in Zonal Level Handball Tournament in 2014-2015.
18. Jerome of II year Student has participated in Zonal Level Handball Tournament in 2014-2015.
19. Ananda Krishnan of II year Student has participated in Inter College Basketball Tournament in 2014-2015.
20. C.P.Praveen of II year Student has participated in Inter College Table Tennis Tournament in 2014-2015.
21. S.Santhiya Kumar of IV year Student has participated in Zonal Level Cricket Tournament in 2014-2015.
22. Sivaraj of IV year Student has participated in Zonal Level Cricket Tournament in 2014-2015.

FACULTY PARTICIPATION IN NATIONAL/INTERNATIONAL CONFERENCES

1. Dr.J.Mathana Prof., "Parasitic Antenna For LTE Advanced System Using Beam Steering" in the National Conference on signal processing & communication in Electronics and Communication Engineering NT-SIPCOM '14-TEQIP-II.
2. Dr.J.Mathana Prof., "A Comparitive Study on Routers of On-Chip Networks" in the National Conference SPECTRUM 15.
3. Dr.J.Mathana Prof., "EEG Based Treatment for Hypertension Using Biofeedback" in the National Conference SPECTRUM 15.
4. Dr.J.Mathana Prof., "Range, Velocity Estimation of Moving Target Using Pulse and Frequency Modulation Continuous Wave Radar" in the National Conference SPECTRUM 15.
5. Dr.J.Mathana Prof., "Comparitive Study of Early Detection Of Lung Diseases" in the National Conference SPECTRUM 15.
6. Dr.J.Mathana Prof., "Efficient VLSI Architecture For 2ⁿ Scaling Of Signed Integer In RNS" in the National Conference SPECTRUM 15.
7. Dr.J.Mathana Prof., "Design of High Performance Ipv6 Network Using Secure Algorithms" in the National Conference SPECTRUM 15.
8. Dr.J.Mathana Prof., "A Comparative Study on Fixed Complexity Sphere Decoding" in the National Conference SPECTRUM 15.
9. Dr.J.Mathana Prof., "High Performance Reconfigurable Architecture of FFT Processor for LTE Systems" in the National Conference SPECTRUM 15.
10. Dr.J.Mathana Prof., "Performance Analysis of Parasitic Antenna Using Different Substrates" in the National Conference SPECTRUM 15.
11. Dr.J.Mathana Prof., "Novel Design of Reconfigurable Architecture for WIMAX and WLAN interleaver" in the National Conference SPECTRUM 15.
12. Dr.D.Mohanageetha Prof., "A Comparison Study Of Different Methods Of Tracking A Remote Mobile UGV From A Static Base Vehicle" in the National Conference on signal processing & communication in Electronics and Communication Engineering NT-SIPCOM '14- TEQIP-II.
13. Dr.D.Mohanageetha Prof., "RF Optimization of GSM Coverage Area" in the National Conference SPECTRUM 15.
14. Dr.D.Mohanageetha Prof., "Design and Performance Estimation of Downlink Patch Antenna for Mobile Communication Applications" in the National Conference on SPECTRUM 15.
15. Dr.D.Mohanageetha Prof., "Approaches for Tracing a Remote Robot" in the National Conference on SPECTRUM 15.
16. Dr.D.Mohanageetha Prof., "Multiband Antenna Design for Continuous Tracking of a Remote Vehicle from a Static Vehicle" in the National Conference on SPECTRUM 15.
17. Dr.K.Thanigaivelu Prof., "Power Line Communication Integrated in a Wireless power Transfer system - Feasibility for Surveillance Movement", in the National Conference, SPECTRUM 15.
18. Dr.K.Thanigaivelu Prof., "3DPoint Cloud Generation Using IMU for Indoor Positioning", in the National Conference, SPECTRUM 15.
19. Dr.K.Thanigaivelu Prof., "Energy Balance Routing to Enhance Wireless Sensor Networks", in the National Conference, SPECTRUM 15.
20. Dr.K.Thanigaivelu Prof., "Eluding from Border Effects for Unbroken Relatedness in WSNs", in the National Conference, SPECTRUM 15.
21. Dr.K.Thanigaivelu Prof., "Analysis of Indoor Interferences in Femtocell Networks", in the National Conference, SPECTRUM 15.
22. Mr.B.R.TapasBabuAsso Prof., "Design of Filtennas in Overlay Cognitive Radio", in the National Conference, SPECTRUM 15.
23. Mr.B.R.TapasBabuAsso Prof., "Object Oriented Modelling and Simulation of Intertial Navigation System", in the National Conference, SPECTRUM 15.
24. Mr.C.ArunachalaperumalAsso Prof., "A Study On Polar Coded Spatial Modulation For MIMO System" in the National Conference on signal processing & communication in Electronics and Communication Engineering NT-SIPCOM '14-TEQIP-II.
25. Mr.C.ArunachalaperumalAsso Prof., "Finding Structural Defects And Ensuring Building Quality Using Thermal Imaging", in the National Conference, SPECTRUM 15.
26. Mr.C.ArunachalaperumalAsso Prof., "Performance Analysis of Parasitic Antenna Using Different Substrates", in the National Conference, SPECTRUM 15.
27. Mr.C.ArunachalaperumalAsso Prof., "Performance analysis of Polar Coded Spatial Modulation for MIMO System", in the National Conference, SPECTRUM 15.
28. Mr.C.ArunachalaperumalAsso Prof., "The Comparative Study on Interference Mitigation Schemes for MIMO Cognitive Systems", in the National Conference, SPECTRUM 15.
29. Mr.V.NagarajuAsso Prof., "Analysis of Indoor Interferences in Femtocell Networks", in the National Conference, SPECTRUM 15.
30. Mr.V.NagarajuAsso Prof., "Design of Filtennas in Overlay Cognitive Radio", in the National Conference, SPECTRUM 15.
31. Mr.V.NagarajuAsso Prof., "Enhancing the Secrecy Using LEACH Protocol", in the National Conference, SPECTRUM 15.
32. Ms.M.VanithalakshmiAsso Prof., "Enhancement of Speech Signal Based On Vowel Sounds", in the National Conference, SPECTRUM 15.
33. Ms.M.VanithalakshmiAsso Prof., "Improved Noise Reduction Technique for Hearing Aid Applications", in the National Conference, SPECTRUM 15.
34. Ms.M.VanithalakshmiAsso Prof., "Exploration for Gain Enhancement Using Amc Structure for Directional Antenna", in the National Conference, SPECTRUM 15.
35. Ms.N.AnushaAsst Prof., "Multiband Antenna Design for Continuous Tracking of a Remote Vehicle from a Static Vehicle", in the National Conference, SPECTRUM 15.
36. Ms.N.AnushaAsst Prof., "Design of Low Power Logic Structures Using Adiabatic Logic", in the National Conference, SPECTRUM 15.
37. Ms.B.MenakaAsst Prof., "Slot Antenna Design Using ADS Software", in the National Conference, SPECTRUM 15.
38. Ms.B.MenakaAsst Prof., "Eluding from Border Effects for Unbroken Relatedness in WSNs", in the National Conference, SPECTRUM 15.
39. Ms.S.SuvithaAsst Prof., "Ethernet Based Process Control of a Boiler Using Rabbit Core Processor", in the National Conference, SPECTRUM 15.
40. Ms.S.SuvithaAsst Prof., "Real Time Implementation of Intelligent Vanet", in the National Conference, SPECTRUM 15.
41. Ms.R.RadhikaAsst Prof., "A Comparison Study Of Different Methods Of Tracking A Remote Mobile UGV From A Static Base Vehicle" in the National Conference on signal processing & communication in Electronics and Communication Engineering NT-SIPCOM '14- TEQIP-II.
42. Ms.R.RadhikaAsst Prof., "Design of Discrete Cosine Transform Circuit in FPGA", in the National Conference, SPECTRUM 15.
43. Ms.R.RadhikaAsst Prof., "Enhancement of Speech Signal Based On Vowel Sound", in the National Conference, SPECTRUM 15.
44. Ms.C.HaripriyaAsst Prof., "Design of Low Power FSK Receiver", in the National Conference, SPECTRUM 15.
45. Ms.K.M.DhanalakshmiAsst Prof., "Exploration for Gain Enhancement Using Amc Structure for Directional Antenna", in the National Conference, SPECTRUM 15.
46. Ms.K.B.BavithraAsst Prof., "Study On Polar Coded Spatial Modulation For MIMO System" in the National Conference on signal processing & communication in Electronics and Communication Engineering NT-SIPCOM '14-TEQIP-II.
47. Mr.C.ArunachalaperumalAsso Prof., "The Comparative Study on Interference Mitigation Schemes for MIMO Cognitive Systems", in the National Conference, SPECTRUM 15.
48. Mr.V.NagarajuAsso Prof., "Analysis of Indoor Interferences in Femtocell Networks", in the National Conference, SPECTRUM 15.
49. Mr.V.NagarajuAsso Prof., "Design of Filtennas in Overlay Cognitive Radio", in the National Conference, SPECTRUM 15.
50. Mr.V.NagarajuAsso Prof., "Enhancing the Secrecy Using LEACH Protocol", in the National Conference, SPECTRUM 15.
51. Ms.M.VanithalakshmiAsso Prof., "Enhancement of Speech Signal Based On Vowel Sounds", in the National Conference, SPECTRUM 15.
52. Ms.M.VanithalakshmiAsso Prof., "Improved Noise Reduction Technique for Hearing Aid Applications", in the National Conference, SPECTRUM 15.
53. Ms.M.VanithalakshmiAsso Prof., "Exploration for Gain Enhancement Using Amc Structure for Directional Antenna", in the National Conference, SPECTRUM 15.
54. Ms.N.AnushaAsst Prof., "Multiband Antenna Design for Continuous Tracking of a Remote Vehicle from a Static Vehicle", in the National Conference, SPECTRUM 15.
55. Ms.N.AnushaAsst Prof., "Design of Low Power Logic Structures Using Adiabatic Logic", in the National Conference, SPECTRUM 15.
56. Ms.B.MenakaAsst Prof., "Slot Antenna Design Using ADS Software", in the National Conference, SPECTRUM 15.
57. Ms.B.MenakaAsst Prof., "Eluding from Border Effects for Unbroken Relatedness in WSNs", in the National Conference, SPECTRUM 15.
58. Ms.S.SuvithaAsst Prof., "Ethernet Based Process Control of a Boiler Using Rabbit Core Processor", in the National Conference, SPECTRUM 15.
59. Ms.S.SuvithaAsst Prof., "Real Time Implementation of Intelligent Vanet", in the National Conference, SPECTRUM 15.
60. Ms.R.RadhikaAsst Prof., "A Comparison Study Of Different Methods Of Tracking A Remote Mobile UGV From A Static Base Vehicle" in the National Conference on signal processing & communication in Electronics and Communication Engineering NT-SIPCOM '14- TEQIP-II.
61. Ms.R.RadhikaAsst Prof., "Design of Discrete Cosine Transform Circuit in FPGA", in the National Conference, SPECTRUM 15.
62. Ms.R.RadhikaAsst Prof., "Enhancement of Speech Signal Based On Vowel Sound", in the National Conference, SPECTRUM 15.
63. Ms.C.HaripriyaAsst Prof., "Design of Low Power FSK Receiver", in the National Conference, SPECTRUM 15.
64. Ms.K.M.DhanalakshmiAsst Prof., "Exploration for Gain Enhancement Using Amc Structure for Directional Antenna", in the National Conference, SPECTRUM 15.
65. Ms.K.B.BavithraAsst Prof., "Study On Polar Coded Spatial Modulation For MIMO System" in the National Conference on signal processing & communication in Electronics and Communication Engineering NT-SIPCOM '14-TEQIP-II.
66. Ms.K.B.BavithraAsst Prof., "A Comparative Study on Fixed Complexity Sphere Decoding", in the National Conference, SPECTRUM 15.
67. Ms.K.B.BavithraAsst Prof., "FPGA Based Design and Implementation of Convolutional Encoder and Adaptive Viterbi Decoder", in the National Conference, SPECTRUM 15.