S.A.ENGINEERING COLLEGE

NBA Accredited & ISO 9001:2015 Certified Institution Accredited by NAAC with 'A' Grade

Newsletter

Issue 5
APR-JULY'18

ELECTRONICS AND COMMUNICATION ENGINEERING

Institute Mission

To create an excellent teaching and learning environment for our staff and students to realize their full potential thus enabling them to contribute positively to the community. To significantly enhance the self-confidence level for developing creative skills of staff and students.

Institute Vision

To transform our institution into quality technical education centre imparting updated technical knowledge with character building.

IN THIS ISSUE

EDITOR IN CHIEF

Dr. M. SUBRAMANIAM
Coordinator, Press & Media

EDITORIAL MEMBERS

Dr.B.R.TAPAS BAPU
Professor &Head/ECE

Mr.MARIA RUBISTON,
Assistant Professor/ECE

VISION :

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

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.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO I : Our graduate Engineers will have professional competency in Electronics and Communication Engineering with good foundation in Mathematics and basic sciences.

PEO II : Our graduates will possess lifelong learning process and augment their engineering skills for new challenges with sustainability.

PEO III : Our graduates will have effective communication skills and work in multidisciplinary team.

PEO IV : Our graduates will practice the profession with ethics, integrity, leadership and social responsibility.

Robert Frost

"The only way around is through doing work."

PROGRAM OUTCOMES (POS)

PO I : To apply knowledge of mathematics, science and engineering appropriate to ECE discipline.

PO II : To formulate and analyze the complex engineering problems by using the principles of mathematics and engineering fundamentals.

PO III : To design and develop system (or) process to meet the desired needs with in the realistic constraints of the societal and environmental considerations

PO IV : To investigate complex problems by conducting experiments, analyze, interpret and synthesize the information to provide conclusions

PO v : To select and use appropriate modern tools for solving complex engineering problems.

PO VI : To apply reasoning knowledge for providing engineering solutions to societal needs by using professional engineering practice.

PO VII : To demonstrate the knowledge of engineering for providing environmental solutions and sustainable

PO VIII : To understand the ethical principles and professional responsibilities.

PO IX : To function effectively as a member (or) a leader in multidisciplinary activity.

PO X : To deliver effective presentations and communicate at ease with the society.

PO XI : To be a successful member (or) a leader in diverse teams with enhanced administrative skills and financial management.

PO XII : To realize the need for lifelong learning and adopt themselves to technological changes.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO I : Ability to develop novel, compact and power efficient system using technical know how.

PSO II : Ability to implement hybrid communication Protocol to face the challenges in the field of Telecommunication

"Education is not the Learning of Facts, but the training of Mind to Think."

Guest Lecture on "ENVIRONMENTAL SCIENCE AND ENGINEERING".

• ECE Department organized Guest lecture on "Environmental Science and Engineering" Dr.G.SEKARAN, Fmr. Chief Scientist & Cluster Chairman, Environmental Technology Division CLRI, Chennai was the resource person on 23.07.2018.

Guest Lecture on "OOPS AND DATA STRUCTURE ".

• ECE Department organized Guest lecture on "Oops and Data Structure" Dr.P.MALLIGA, Sr.System Anayst, NITTTR, Chennai was the resource person on 18.07.2018.

Guest Lecture on "RECENT TRENDS IN EMBEDDED SYSTEM TECHNOLOGIES".

• ECE Department organized Guest lecture on "Recent Trends in Embedded System Technologies" Ms.MURUGAPPRIYA.S, Director Tehconcepz was the resource person on 04.06.2018.

IEEE INTERNATIONAL CONFERENCE ON "PHOTONICS AND HIGH SPEED OPTICAL NETWORKS ICPHON 2018" ON 12.04.2018 TO 13.04.2018.

VALUE ADDED COURSE

Value Added Course on "C and C++ Training".

ECE Department organized Value Added Training on "C and C++ Training" Mr. Rajendran Subramanian Founder & CEO, Silicon Software Services, Chennai from 02.07.2018 to 06.07.2018.

Value Added Course on "C with Data Structure".

ECE Department organized Value Added Training on "C with Data Structure" Mr. Rajendran Subramanian Founder & CEO, Silicon Software Services, Chennai from 26.06.2018 to 29.06.2018.

Value Added Course on "JAVA Training".

ECE Department organized Value Added Training on "JAVA Training" Mr. Rajendran Subramanian Founder & CEO, Silicon Software Services, Chennai from 18.06.2018 to 26.06.2018.

INDUSTRIAL VISIT

• ECE Second Year students went for industrial visit at ICF, Chennai on 20.07.2018.

• ECE Final year students went for industrial visit at KELTRON , Kerala on 04.06.2018.

CO CURRICULAR ACTIVITIES

ISO Internal Audit were conducted in ECE department by Mr.Venkat Ramani on 29.06.2018.

STUDENTS CO CURRICULAR ACTIVITIES

1. AISHWARIYA LAKSHMI.R of ECE student presented paper in National Level Technical Symposium Igniculus at Velammal Institute of Technology on 21.07.2018.

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Seth Godin

"Successful people are the ones who are breaking the rules."

2. SWETHA.P of ECE student presented paper in National Level Technical Symposium Igniculus at Velammal Institute of Technology on 21.07.2018.

3. MUTHU LAKSHMI.M of ECE student presented paper in National Level Technical Symposium Igniculus at Velammal Institute of Technology on 21.07.2018.

4. UDHAYENDHAR.S.S of ECE student presented paper in National Level Technical Symposium Igniculus at Velammal Institute of Technology on 21.07.2018.

5. ROHIT.J of ECE student presented paper in National Level Technical Symposium Igniculus at Velammal Institute of Technology on 21.07.2018.

IQULAS AMEER , POOJASHARMA.K, DIVIYA.P

of ECE final year students secured first price in IEEE students Project Funding Competetion organized by IEEE Madras Chapter for the project entitled "Development Of Robo Hydro-Jetter Cum Cutter For Replacement Of Manual Scavenging" with the cash award of Rs.15,000/- on 21.04.2018

STUDENTS EXTRA CURRICULAR ACTIVITIES

ECE students involved in NSS Unit of S.A.E.C organized the Tree Plantation and Perceptions of Dr.A.P.J.ABDUL KALAM on his remembrance 26.07.18.

ECE Students participated in NSS unit of S.A. Engineering College, celebrated the INTERNATIONAL DAY OF YOGA on 21.06.18.

ECE students involved in NSS Unit of S.A.E.C organized the Tree Plantation and Perceptions of Dr.A.P.J.ABDUL KALAM on his remembrance 26.07.18.

PLACEMENT

TrueTech solutions

Deebiga R | Ellakkiya S | Sudarvizhi S | Arockhiya Anitha P | Aslin Sharmila A K | Charan Dheep V | Deebiga R

VDART SOFTWARE SERVICES PVT. LTD.

Harish Srinivas V | Janani V S | Pooja Sharma K | Raja Rajesshweri R | Sivas N | Swathi P | Niveditha M | Vijayalakshmi

sitel group

Yuvashree C | Merlina Joyce G | Betsy Catherine A

BOSCH Invented for life

Deebiga R | Ganesh Kumar D | Divya B

AXIS BANK

Gayathri K | Indra N

DISYS   **E-KIDS INTERNATIONAL**

Pooja Sharma K   M.N.Asifa

FACULTY ATTENED WORKSHOP/FDTP

1. Dr.B.R.TapasBapu,Professor, Anisha.R, Omganesh.B.K, Sainath.D, Sathish.S attended National level seminar on " Impact Of Smartphones And Mobile Devices On Human Health And Life" at Karpagam College Of Engineering, Coimbatore from 14.05.2018 to 18.05.2018.

2. Dr.N.Anusha ,Professor attended National Workshop on "Major Challenges Of Medical Imaging And Big Data Analytics In Health Care And Clinical Applications" at Vellammal Engineering College,Chennai from 02.05.2018 to 04.05.2018.

3. Ms.K.M.Dhanalakshmi ,Asso.Prof attended national workshop on "Major Challenges Of Medical Imaging And Big Data Analytics In Health Care And Clinical Applications" at Vellammal Engineering college,Chennai from 02.05.2018 to 04.05.2018

4. **Ms.M. VanithaLakshmi**, Asso.Prof attented FDP on "Ict Application For Quality Improvement In Higher Eduction" at Dr.M.G.R. Educational and Research Institute,Chennai from 07.05.2018 to 11.05.2018.

5. **Mr.S.Pradeep**, Assistant Professor Attended National level seminar on "Impact Of Smartphones And Mobile Devices On Human Health And Life" at Karpagam College Of Engineering, Coimbatore from 14.05.2018 to 18.05.2018.

6. **Ms.P.Sasireka**, Assistant Professor attended National workshop on "Major Challenges Of Medical Imaging And Big Data Analytics In Health Care And Clinical Applications" at Vellammal Engineering college,Chennai from 02.05.2018 to 04.05.2018.

7. **Mr.D.Balakumaran**, Assistant Professor attented FDP on "Ict Application For Quality Improvement In Higher Eduction" at Dr.M.G.R. Educational and Research Institute,Chennai from 07.05.2018 to 11.05.2018.

8. **Mr.M.MariaRubiston**, Assistant Professor, attented FDP on "Ict Application For Quality Improvement In Higher Eduction" at Dr.M.G.R. Educational and Research Institute,Chennai from 07.05.2018 to 11.05.2018.

9. **Mr.P.Dinesh Anton Raja**, Assistant Professor, attented FDP on "Ict Application For Quality Improvement In Higher Eduction" at Dr.M.G.R. Educational and Research Institute,Chennai from 07.05.2018 to 11.05.2018.

10. **Ms.D.Varalakshmi**, Assistant Professor, attended FDP On "Ict Based Instructional Design And Delivery For Outcome Based Education" at Eswari Engineering College,Chennai, from 14.05.2018 to 19.05.2018.

11. **Ms.A.Aswini**, Assistant Professor Instructional Design And Delivery For Outcome Based Education" at Eswari Engineering College,Chennai, from 14.05.2018 to 19.05.2018.

12. **Ms.D.Linett Sophia**, Assistant Professor attended national workshop on "Major Challenges Of Medical Imaging And Big Data Analytics In Health Care And Clinical Applications" at Vellammal Engineering college,Chennai from 02.05.2018 to 04.05.2018.

13. **Mr. S.Ezhilarasan**, Assistant Professor attended FDP on"Embedded and Real Time Systems" at Jeppiaar Engineering College,Chennai, from 23.05.2018 to 30.05.2018.

FACULTY PUPLICATION IN INTERNATIONAL CONFERENCE

1. **Dr.B.R.TapasBapu** "Dynamics of Modified Leslie-Gower model with Stochastic Influences"in International Conference on Advances in Computing and Data Sciences (ICACDS 2018).

2. **Dr.C.Arunachalaperumal** "Analysis of LNA performance based on the Nanotechnology" International- Multi- conference on computing, communication, Electrical &Nanotechnology on 06.054.2018.

3. **DrJ.M.Mathana** "Design And Implementation Of Cost Effective Infrastructure Damage Detection System Using Wireless Sensor Network" in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

4. **DrJ.M.Mathana** "Design Of High Prtformance And Cost Effective Hybrid Power Gnenration System For Industrial Application" in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

5. **DrJ.M.Mathana** "Effective Communication Through Lighting Control Network", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

6. **DrJ.M.Mathana** "Smart Friend For Hearing Impaired And Mute People", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

7. **Dr.J.M.Mathana** "Multi Objective Wireless Sensor Network For Machine Health Monitoring",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

8. **Dr.C.Arunachalaperumal** "Interactive Wireless Technology For Children With Children Tracking Security Condition", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

9. **Dr.C.Arunachalaperumal** "Design Of Millimeter Wave Antenna For Automotive Radar Applications"in the IEEE International Conference on Photonics and High SpeedOptical Networks, April 2018.

10. **Dr.C.Arunachalaperumal** "Image Quality Enhancement Using Wavelet Transform", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

11. **Dr.C.Arunachalaperumal** "Microcontroller Based Bus Information System Using GpsAndGsm Module" in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

12. **Dr.C.Arunachalaperumal** "Secured Audio Processing, Notification And Transmission Application For Vehicle To Vehicle Communication Using Lifi", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

13. **Dr.G.Kavya** "Development of a wearable Device for sleep Apnea patients using UWB Radar", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

14. **Dr.G.Kavya** "DesignAnd Fabrication Of Low Cost Bio Sand Filter With A System For Ph Measurement", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

15. Dr.G.Kavya "Embedded System Design For Screening Specific Learning Disabilities In Children", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

16. Dr.G.Kavya "Design Of Rectenna For Wireless Charging", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

17. Dr.G.Kavya "Implementation of Smart Wheelchair cum Stretcher", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

18. Dr.G.Kavya "Wireless Inductive Charging For Multiple Devices-A Survey", IEEE International Conference on Photonics and High Speed Optical Networks", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

19. Dr N.Anusha "Monitoring the Sea-Surface Waves using Acoustic Sensorand Neural Network for Weather Monitoring applications", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

20. DrN.Anusha "Wireless Inductive Charging For Multiple Devices-A Survey", IEEE International Conference on Photonics and High Speed Optical Networks", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

21. Dr N.Anusha "Design Of Low Power Bandpass Filter For Tv Receivers", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

22. Dr N.Anusha "Design OfRectenna For Wireless Charging", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

23. Dr.R.Radhika "Dental Panoramic Detection of Oral Diseases using Shape Detection Algorithm", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

24. Dr.R.Radhika "Design Of Fast Adder Architecture Using GdiLogic", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

25. Dr.R.Radhika "Design And Implementation Of Smart Staircase Floor Cleaning Robot", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

26. Ms.M.Vanithalakshmi "Denoising and Quality estimation of Speech signals based on Fractional B-spline wavelet transform Enhancement Algorithm", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

27. Ms.M.Vanithalakshmi "Speech Enhancement Algorithm Based On Wavelets For Hearing Aid Application",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

28. Ms.M.Vanithalakshmi "Fruit Freshness And Quality Detection Using Raspberry Pi With Opencv",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

29. Ms.M.Vanithalakshmi "Self Assisting Device For Monitoring Alzheimer Patients",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

30. Ms.B.Menaka "A Heuristic Method for guiding Directional Flooding in wireless Sensor network", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

31. Ms.B.Menaka "Modified Version Of Routing For Overlapped Cooperative Heterogeneous Wsn",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

32. Ms.B.Menaka "3 Axis Pick And Place Robot With Sensor",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

33. Ms.B.Menaka "Car Movement Controlled By Hand Gesture",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

34. Ms.S.Suvitha "Medi-Kit Developing A Solution To Improve Attention On Medical Treatment In Rural Area",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

35. Ms.S.Suvitha "Design OfRlc Based Switching Noise Reduction Model For Low Noise Amplifier",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

36. Ms.S.Suvitha "NeuroOcr Based Assistive System For Visually Impaired In Text Recognition With Voice Output", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

37. Ms.K.MDhanalakshmi "Hardware Implementation of Frequency Reconfigurable Multiband Antenna", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

38. Ms.K.MDhanalakshmi "Hedonic Regression Model ForMimo Based Heterogeneous Network", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

39. K.M.Dhanalakshmi "Elder Tracking And Fall Detection System",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

40. K.M.Dhanalakshmi "Design And Testing A Microstrip Patch Antenna On Phantom Model For Wearable Applications",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

42. Mrs. P. Sasirekha "Smart Glove: Gesture Vocalizer For Deaf And Dumb People",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

43. Mr.S.Pradeep "High Performance Monitoring Zigbee Based System For Glass Manufacturing Through Recycling", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

44. Ms.VAruna "Wireless Communication Based Monitoring Of Marine Environment And Data Transmission In WSN", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

45. Mr.R.Thirumurugan "Mappybot-An Autonomous Robot Which Explores Unknown Environment", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

46. Mr.R.Thirumurugan "Hostel Management System", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

47. Mr.M.Baraneedharan "High Performance Voice Data Processing System Through Bone Conduction Principle For Hearing Impaired People",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

48. Mrs.R.Ashwini "Smart Indoor Air Quality Measurement System For Asthma Patients", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

49. Mrs.R.Ashwini "Wild Animal Detection Using Feature Extraction To Protect Crop Fields", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

50. Mrs.T.S.Valarmathi "Iot Based Automation Of Dry-Wet Dust Collection And Monitoring System", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

51. Mrs.T.S.Valarmathi "Wireless Sensor Based Smart Irrigationystem", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

52. Mrs. K.Mekala Devi "Design Of Sixth Sense Hand Mouse Interface System Using Gestures And Randomized Keys", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

53. Ms.M.Priscilla "Cooperative Spectrum Sensing Using Zone Creation AndOfdmIn Cognitive Radio Networks", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

54. Ms.M.Priscilla "Vehicle Identification By Number Plate Recognition In Toll Gate For Thefted Vehicles", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

55. Mr.D.Balakumaran "IoT Controlled Automated Greenhouse And Diagnosis Of Plant Disease", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

56. Mr.D.Balakumaran "Rssi Based Boat Monitoring And Border Alert System By Using Iot" ,in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

57. Mr.D.Balakumaran "Automatic Cruise Control Of A Car Using Visual Perception", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

58. Mr.S.Dhilipkumar "Implementation of Spectrum Sensing using Gazer Node for HetNet Systems in CR Networks", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

59. Mr.S.Dhilipkumar "Gateless Smart Electronic Toll Collection Using RfidAndZigbee",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

60. Mr.S.Dhilipkumar "Incessant Solar Wireless Power Transmission Satcom System", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

61. Mr.S.Dhilipkumar "Radiation Measurement Via Smart Devices For Generic Health Of Patients", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

62. Mr. P.Dinesh Anton Raja "Video Surveillance Based Congestion Avoidance System During Evacuation", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

63. Mr.P. Dinesh Anton Raja "Wearable Sensor Node Based Health And Activity Monitoring Of Elderly People Using Internet Of Things",in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

64. Mr.P. Dinesh Anton Raja "Video Surveillance Based Smart Invigilation System", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

65. Mr. M. Maria Rubiston "Speech Recognition Bot For Automation", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

66. Mrs.J.Dhivya "Automatic Human Guided Shopping Trolley With Smart System", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

67. Mrs.J.Dhivya "Rpi Based Cyber-Defensive Industrial Control System With Redundancy And Intrusion Detection" ,in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

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Wilfred James Dolor

"Math is my Passion. Engineering is my Profession."

68. Ms.G.Divya "Bus Identification System For Visually Impaired Person", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

69. Mr.A.Madhusudhanan "Iot Based Smart Energy Meter Reading And Theft Detection", in the IEEE International Conference on Photonics and High Speed Optical Networks, April 2018.

70. S.Pradeep "Dynamics of Modified Leslie-Gower model with Stochastic Influences"in International Conference on Advances in Computing and Data Sciences (ICACDS 2018).

71. T.S Valarmathi "A Review On Miscellaneous Techniques To Detect Flaws in Fabrics"in IEEE International Conference on Photonics and High Speed Optical Networks on 12.04.2018.

FACULTY PUPLICATION IN INTERNATIONAL JOURNAL

1. Dr.B.R.Tapas Bapu "Influence of predator standby capacity, harvesting and noise on a two patchy aquatic delayed eco system with migration of prey" ELSEVIER, June 2018, Informatics in Medicine Unlocked (2018), https://doi.org/10.1016/j.imu.2018.06.001

2. Dr.B.R.TapasBapu "Computer-based Cobb angle measurement using deflection points in adolescence idiopathic scoliosis from radiographic images" Springer, June 2018, *https://link.Springer.com/article/10.1007/s00521-018-3614-v*

3. Dr.B.R.Tapas Bapu "Trusted and Optimized Routing in Mobile Ad-Hoc Networks Emphasizing quality of Service"in Journal of Applied Mathematics & Information Sciences on 01.05.2018.

DETAILS OF FACULTY INTERACTION WITH OUTSIDE WORLD

1. Dr.C.Arunachalaperumal - Reviewer of digital communications and networks for the title : Resilient concealed Data Aggregation in wireless Sensor Networks

2. Dr.C.Arunachalaperumal - Eminent speaker for the Faculty development training programme (FDTP) on " RF & Microwave Engineering" on 8th June 2018, Adhi college of Engineering and technology Kanchipuram- 631605

3. Dr.C.Arunachalaperumal - Hotspots seminar on IOT Devices Measurements Insights Keysight Technologies, Chennai on july 25 2018.

4. Dr.G.Kavya - Guest lecture for "RF and microwave Engineering" on 27.7.2018 at Jeppiaar institute of Technology

5. Dr.G.Kavya - Member in technical program/advisory committee for ICECEIC - Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Kanchipuram, Tamil Nadu, India

6. Mr.S.Dhilip Kumar - Hotspots seminar on IOT Devices Measurements Insights Keysight Technologies, Chennai on july 25 2018.

RESEARCH AND DEVELOPEMENT

FUNDED PROJECTS

1. Dr.G.Kavya | Dr.C.Arunachalaperumal | Ms.M.Vanithalakshmi Submitted a project proposals for "Design of 0.18 μm CMOS wide band Low Noise Amplifier (LNA) for IRNSS Applications" to ISRO and Release Grant Of Rs.20.72 Lakhs on 2.6.2018.

2. Dr.C.Arunachalaperumal | Mr.D.Balakumaran | Mr.P.Dinesh Anton Raja CVRDE - "A study of Fault Diagnosis and Health Monitoring of Engine control junction Box [ECJB] For Arjun MBT MK- I" Milestone –I report completed

GRANTS APPLIED

1. Dr.G.Kavya | Mrs.V.Aruna | Mrs.R.Ashwini submitted a project proposals for National seminar on "Recent Advancements in smart- Materials, sensors and structures" to CSIR on 22.6.2018.

2. Dr.G.Kavya | Mrs.V.Aruna | Mrs.R.Ashwini submitted a project proposals for National workshop on Recent Advancements in Artificial intelligence and machine learning techniques – A Special Focus on Oncology" to Board of Research in Nuclear Science (BRNS) on 21.5.2018

3. Dr.G.Kavya | Ms.M.Vanithalakshmi submitted a project proposals for "VHDL Implementation of CCSDS standard based satellite image" to ISRO on 18.6.2018.

RECENT RESEARCH TECHNOLOGY

Attended the Mouser IOT Roadshow in the theme of Industry 4.0 Smart Manufacturing at Hotel Hyatt Residency Chennai on July 2018.