

VRSCET

Voice of V.R.S. College of Engineering and Technology

News Letter



GRADUATION DAY

19th Graduation Day 2016 was held on 9th July 2017. Dr. S. Jeyachandran, Vice President, Marutham Group – Builders & Promoters, Chennai was the Chief Guest and distributed the Degree Certificates to 344 Graduates.

ANNA UNIVERSITY RANK HOLDERS

M.E. (Embedded System Technologies) students Ms.M.Saranya secured 5th Rank with 8.93 CGPA and Ms.N.Pavithra secured 8th Rank with CGPA during 2014-16 in Anna University Examinations.



Ms.M.SARANYA

Ms.N.PAVITHRA



ALUMNI MEET 2016

Alumni Meet 2016 was conducted on 18th January 2017. The Election for office bearers of VRS College Engineers Alumni Association for the year 2017-18 was conducted and newly elected office bearers assumed their office.



V.R.S. College of Engineering and Technology

(Accredited by NAAC & An ISO 9001:2008 Recertified Institution)

Arasur - 607 107, Villupuram District, Tamil Nadu

Tel : 04149 - 209153, 209163

website : www.vrscet.in

email : vrscet@yahoo.com



Department of Mechanical Engineering Association (TheAME) Activities:



- ❖ National level seminar was conducted jointly with ISTE on 27th July 2016. Mr.S.Rajasekaran, Business Head, Ultra Marine Pigments Ltd, Ranipet delivered a guest lecture on “Challenges and Opportunities for Mechanical Engineers in Process Industries”.
- ❖ TheAME organized a National level technical symposium “MECHTRIX-17” in association with ISTE on 27th January 2017. The inaugural address was given by Dr.S.Rajasekaran, Managing Director, Utility Projects & Services (P) Ltd., Chennai.

Staff Activities:

Faculty Pursuing Higher Studies:

- ❖ Mr.R.Ravisankar, Associate Professor and Mr.N.Ejournale, Assistant Professor are pursuing their Ph.D. in Pondicherry University.
- ❖ Mr.S.Shanmugasundaram, Associate Professor and Mr.P.Sarangapani, Assistant Professor are pursuing their Ph.D. in Anna University.

FDP/Workshop/Seminar participations:

- ❖ Mr.N.Ejournale and Mr.R.Malayaalattar, Assistant Professors attended one week Faculty Development Programme on “Advances in Materials Processing Techniques” at Pondicherry Engineering College from 5th to 9th December 2016.
- ❖ Mr.B.Selvasarathy, Associate Professor attended three days Faculty Development Programme on “Thermal Engineering” at K.S.R Institute for Engineering and Technology, Tiruchengode from 14th to 16th December 2016.

Conference Presentation / Paper Publications:

- ❖ Mr.C.Panneerselvam, Assistant Professor published research papers on “Experimental Investigation of Mechanical and Wear Properties of Al 6061 Alloy – B4

C-A12 O3 Hybrid Metal Matrix Composites” in the Journal of Material Science & Manufacturing Technology, Volume 1, Issue 1, pp: 01-14 in August 2016 and “Investigation of Electrical Discharge Machining Characteristics of Duplex 2205” in the Journal of Industrial Engineering and its Applications, Volume 1, Issue 1, pp: 01-13 in August 2016. Mr.P.Sarangapani, Mr.A.Shanmugarajan and Mr.A.Noor Mohammed, Assistant Professors presented a research paper titled “Performance Analysis of SI Engine Fueled with Bio-Gas” in International Conference at Vidya Vikas College of Engineering and Technology, Tiruchengode during 11th and 12th February 2017.

- ❖ Mr.R.Ravisankar, Associate Professor presented a research paper titled “Experimental Investigation of Heat Transfer Performance in Truck Radiator using Nano Fluid” in International Conference at S.K.P Engineering College, Tiruvannamalai during 3rd and 4th March 2017.
- ❖ Mr.R.Ravisankar, Associate Professor published a review paper on “Metal and Oxide form of Nano Particles Heat Transfer in Radiator” in International Journal of Advance Engineering and Technology, ISSN: 2217-4427, Volume No:3, pp:01-06 in January 2017 and “Comparison of Heat transfer Performance with Cu/water and CuO/water Nanofluids in Truck Radiator” in Elixir International Journal of Mechanical Engineering, ISSN: 2229-712X, Volume No:10, pp: 46562-46568 in May 2017.

Students Activities:

Funded project:

- ❖ Mr.N.Sabarinathan, Mr.R.Sasikumar and Mr.S.Vinoth of final year under the guidance of Er.P.Sarangapani, Assistant Professor applied and received a fund of ₹ 10,000/- for their project titled “Design and Fabrication of Automatic Public Toilet System” under Students Project Scheme 2016 from Tamil Nadu State Council for Science and Technology, Chennai.

Project Contest / Paper Presentations:

- ❖ Mr.A.Ajay Valliappa and Mr.R.Eraga Selvan of final year presented a paper on “Solar Powered Car” and Mr.R.Thirumalai, Mr.A.Jesudus and Mr.M.Muruganandham of third Year participated in “Project Contest” at SSN College of Engineering, Chennai on 09th September 2016.
- ❖ Mr.S.Subashkumar and Mr.A.Elumalai of final year presented a paper on “Enhancing Wear Resistance Test by using salt bath Nitrated process at Disc Rotor” and won second prize in National level technical symposium at



Krishnasamy College of Engineering and Technology on 03rd February 2017 and participated in “Project Contest” and won first prize at CK College of Engineering and Technology on 17th February 2017, and presented a paper on “Recent Trends in Cryogenics” and won second prize in “Aero Modelling” at Achariya College of Engineering and Technology on 3rd March 2017.

- ❖ Mr.J.Mohamed Asic and Mr.S.Mohamed Noufal Riswan of third year participated in Project Contest titled “Hexapod Bar Linkage with Rotating Wheel” and won first prize at University College of Engineering, Villupuram on 09th March 2017.
- ❖ Mr.M.Balaji, Mr.R.Thirumalai and Mr.A.Jayakumar of third year participated in “Project Contest” and paper presentation titled “Twin Spark Plug Pollution Control-Two Stroke Engine” and won first & second prizes respectively in National level technical symposium at Annai Teresa College of Engineering on 11th March 2017.
- ❖ Mr.T.Ajith kumar, Mr.R.Arivazhagan and Mr.M.Mohamed Islam of third year participated in “Project Contest” and won second prize on “Design and Fabrication of Automatic Washbasin System” in Government College of Engineering, Bargur on 24th March 2017.

Industrial Visits:

- ❖ Mr.C.Subramanian, Associate Professor and Mr.T.Jothimani, Assistant Professor guided final year students to visit KCP Solar Industry and Alpha Polymers in Salem on 22nd September 2016 and Jupiter Private Ltd and Akraya Die Casting in Coimbatore on 23rd September 2016.
- ❖ Mr.S.Shannugasundaram, Associate Professor and Mr.D.Sathesh Kumar, Mr.A.Rajaraman and Mr.N.Ejournale, Assistant Professors guided third year students to visit Jemo Tech Private limited, Elite Plastic Company and Nova Engineering in Ernakulam on 22nd September 2016.

- ❖ Mr.P.Sarangapani and Mr.B.Malarkannan, Assistant Professors guided second year students to visit B Kay Machine Works Limited, Jai Sakthi Engineering, ACN Industries, Jayessar Equipment Private Limited and Alpha Agro Industry in Coimbatore during 22nd and 23rd September 2016 and Ooty Tea Factory on 23rd September 2016.

Department of Electrical & Electronics Engineering

Association (ASCOPE) Activities:

- ❖ ASCOPE in association with ISTE and Career Guidance Bureau organized inauguration of association activities for the year 2016-17 and guest lecture was delivered on “Power Scenario in Tamilnadu”, by Er.M.R.Sakthivel, Training Manager, Power Station Training Centre, Neyveli Lignite Corporation Ltd., on 25th July 2016.
- ❖ The ASCOPE with ISTE organized workshop on “Printed Circuit Board Design” conducted by Dr.S.Sakthivel, Professor in Department of EEE of our college during 03rd and 04th January 2017.
- ❖ Internal paper presentation contest was organized on 8th February 2017. Mr.S.Thayumanavan, Assistant Professor, Department of Electrical and Electronics Engineering, University College of Engineering, Panruti acted as Jury and selected the best papers.
- ❖ The ASCOPE with ISTE organized a National level technical symposium “ELECTROVISION 17” on 20th February 17. The inaugural address was given by Mr.J.Jayasamraj, National Power Training Institute, Neyveli.
- ❖ The ASCOPE with ISTE organized workshop on “PLC and SCADA based Industrial Automation” conducted by Dr.S.Sakthivel, Professor in Department of EEE of our college from 21st to 25th February 2017.

Faculty Activities:

FDP/Workshop/Seminar participations:

- ❖ Mr.B.Rajan, Assistant Professor, attended one week short term course titled “Power Electronic Systems and Controls” at Pondicherry Engineering College from 19th to 23rd December 2016.

Conference presentation/Paper Publications:

- ❖ Mr. G. Gnanavel, Assistant Professor presented a paper titled “X10 Protocol based Data Transmission through Power Line for Protection of Induction Motor”, Mr.B.Arun Kumar and Mr.M.Bala Anand/CSE Assistant Professors presented a paper titled “A Braille Script based SMS system for the Visually Impaired People”



and Mr.J.Abdul Azizkhan, Assistant Professor presented a paper titled "RFID (Radio Frequency Identification)" in International Conference conducted by Research Scientific Publishing, Coimbatore during 7th and 8th October 2016.

- ❖ Dr.S.Sakthivel, Professor and Mr.S.Manimaran Assistant Professor published a paper titled "Hybrid Big Bang - Big Crunch Algorithms for Optimal Reactive Power Dispatch by Loss and Voltage Deviation Minimization" in International Journal of Engineering Trends and Technology (IJETT), Volume 45, Issue No 8, March 2017.
- ❖ Dr.S.Sakthivel, Professor published a paper titled, "Application of Fruit Fly Algorithm for Security Constrained Optimal Power Flow Problem" in International Journal of Computer Applications, ISSN :0975 – 8887, Volume 162, Issue No 12, March 2017.

Students Activities:

Conference presentation / Paper publications:

- ❖ Mr.H.Ajith Kumar, Mr.V.Ajith Kumar and Mr.V.Bharathi of third year published a paper titled "Industry Expectations from Young Engineering Graduates", in International Research Journal in Advanced Engineering and Technology (IRJAET), E - ISSN: 2454-4752 P -ISSN : 2454-4744, Volume 2, Issue 6 in 27th December 2016.
- ❖ Mr.D.Vijaya Bharathi of second year M.E.(EST) presented a paper under the guidance of Mr.M.BalaAnand, Assistant Professor/CSE on "Braille Messenger- a Braille Script Based SMS System for the Visually Impaired", Ms.A.Subasri of second year M.E.(EST) presented a paper on "X 10 Protocol Based Data Transmission through Power Line for Protection of Induction Motors", Ms.V.Mahalakshmi of second year M.E.(EST) presented a paper on "RFID based Shopping Trolley" and Ms.K.Kanimozhi of second year M.E.(EST) presented a paper on "IOT based Smart Home Monitoring System Raspberry-PI" in National conference held on 18th March

2017 organized by Arulmurugan College of Engineering, Karur.

Paper presentations:

- ❖ Mr. R. Gowri Shankar of final year presented a paper on "Power and Fertilizers from Chicken Waste" and Mr. S. Kaviyaran and Mr. D. Suriya Kumar of third year presented a paper on "State Feedback Observer Design for a Three Phase Induction Machine using Singular Value Decomposition Method of Pole Placement" in National level technical symposium held at St. Anne's College of Engineering and Technology on 26th August 2016.

Implant Training:

- ❖ Ms.D.Kalaivani, Ms.L.Narmada and Ms.R.Kayalvizhi of third Year went to Implant Training on "Mines and Thermal Orientation and Plant Visit" in NLC, Neyveli from 28th May to 05th June 2017.

Department of Electronics and Communication Engineering

Association (ELCENA) Activities:

- ❖ ELCENA in association with ISTE and Career Guidance Bureau organized ELCENA Inauguration - 2016 on 26th July 2016. Mr.N.Balasubramanian, Senior Director, Delivery Excellence, Cognizant Technology Solutions, Chennai inaugurated the event and presented a seminar on "How to keep yourself ready for the industry?"
- ❖ ELCENA in association with ISTE and Career Guidance Bureau organized one day workshop on "Testing and Servicing of Electronic Equipments" on 24th August 2016 and was conducted by Mr. V. Raja, Proprietor, Raja Electronics Institute, Cuddalore.
- ❖ ELCENA in association with ISTE and Career Guidance Bureau organized Internal Paper Presentation contest on 7th February 2017. Prof.T.Somassoundaram, Vice Principal & Dean for School of Electronics Engineering in Christ College of Engineering & Technology, Puducherry inaugurated the event and evaluated the papers presented.





- ❖ ELCENA in association with ISTE and Career Guidance Bureau organized National level technical symposium “ELCOMET 2017” on 22nd February 2017. Er.A.Athif Shah, Managing Director, 4D Research Labs, Chennai inaugurated the event and Sister. Anitha, Head of the Department of Electronics and Communication Engineering, St.Annes College of Engineering acted as jury. MoU was signed with “4D Research Labs, Chennai” to provide industrial visits, in plant training and mini projects to students.

- ❖ Tamilnadu State Council for Science and Technology (TNSCST) sponsored one day National level workshop was conducted jointly with Research and Development Committee on 23rd May 2017. Dr. D. Sriram Kumar, Associate Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Trichy and Dr. V. Saminadan, Professor, Department of Electronics and Communication Engineering, Pondicherry Engineering College, delivered guest lecture on “Modern Trends in Fiber Optic Communication”.

- ❖ Tamilnadu State Council for Science and Technology (TNSCST) sponsored one day National level seminar was conducted jointly with Research and Development Committee on 24th May 2017. Dr.P.Sampathkumar, Associate Professor, Department of CAS-Marine Biology, Annamalai University, delivered a guest lecture on “Biomod - A platform for Disentangling Biodiversity Effects on Ecosystem functioning and Deriving solutions to a seemingly Insurmountable Problem”.

- ❖ Tamilnadu State Council for Science and Technology (TNSCST) sponsored one day National level seminar was conducted jointly with Research and Development Committee on 25th May 2017. Mrs.T.Perarasi, Associate Professor, Electronics and Communication



Engineering, Karpaga Vinayagar Engineering College, and Dr.G.Nagarajan, Professor, Department of Electronics and Communication Engineering, Pondicherry Engineering College, delivered guest lecture on “Recent Trends in Cognitive Networks”.

Faculty Pursuing Higher Studies:

- ❖ Dr.J.Joseph Ignatious, Professor had been awarded Ph.D. on 27th December 2016 by Annamalai University.
- ❖ Mrs.A.Uma Mageswari and Mrs.S.Jaya, Professors are pursuing Ph.D. in Annamalai University.
- ❖ Mr.R.Balasubramaniam, Associate Professor is pursuing Ph.D. in Anna University.

Faculty Activities:

Workshop/Seminar participations:

- ❖ Mrs.V.Gandhimathi, Associate Professor and Mrs.M.Pradeepa, Assistant Professor attended one day seminar on “Recent Technologies in Antenna Technologies and Applications” conducted by Karunya University, Coimbatore on 8th July 2016.
- ❖ Mrs.R.Bharadhi, Assistant Professor attended two days Faculty Development Programme on “Teaching Techniques” conducted by Sri Manakula Vinayagar Engineering College, Puduchery during 4th and 5th August 2016.
- ❖ Mr. K. Ramesh, Assistant Professor, attended National level workshop on “Speech Signal Processing”





conducted by SRM University during 16th and 17th August 2016.

- ❖ Mr. R. Balasubramaniyan, Associate Professor, attended National level workshop on “Artificial Intelligence and its Applications” conducted by Annamalai University during 17th and 18th September 2016.
- ❖ Mr.S.Parthiban, Assistant Professor and Mr.E.Velmurgan, Associate Professor attended National level workshop on “The Art of Writing Research Paper” conducted by Kongu Engineering College, Erode on 30th December 2016.
- ❖ Mr.G.Sadiq Basha, Associate Professor and Mrs.T.Priyadharsini & Mr.S.Parthiban, Assistant Professors attended National level seminar on “Next Generation RF and Wireless Technologies for Rural India” in Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kancheepuram on 27th March 2017.
- ❖ Dr.Joseph Ignatious, Professor and Mr.G.Sadiqbasha, Ms.S.Jayalilly & Mrs.P.Sujatha, Associate Professors and Mr.S.Parthiban, Mrs.T.Priyadarsini and Mr.P.Paruthi Ilam Vazhuthi, Assistant Professors attended TNSCST sponsored one day National level workshop on “Modern Trends in Fiber Optic Communication” at our college on 23rd May 2017.
- ❖ Mrs.S.Jaya, Professor and Mrs.A.Shanthi & Ms.L.Megala, Assistant Professors attended TNSCST sponsored one day National level seminar on “Biomod-A platform for Disentangling Biodiversity Effects on Ecosystem functioning and Deriving solutions to a seemingly Insurmountable Problem” at our college on 24th May 2017.
- ❖ Mrs.V.Gandhimathi, Mr.V.Thiagarajan and Mr.R.Balasubramaniyan Associate Professors attended TNSCST sponsored one day National level seminar on “Recent Trends in Cognitive Networks” at our College on 25th May 2017.

Conference Presentation/Paper Publications:

- ❖ Mrs.S.Jaya, Professor presented a paper titled “Fault Diagnosis of Electric Motor using Wavelet Transform and Fault Classification based on SVM-RBF” and Ms.L.Megala, Assistant Professor presented a paper titled “Contribution of Emotional Intelligence and Cross Structural Intelligence for Security Measures to Protect the Risk Management for Shaping Learning Organizations in the E-Voting Technology” and were published in International Journal of Advanced Research Trends in Engineering & Technology (IJARTET), Volume 3, Issue 12, December 2016.
- ❖ Mr.R.Balasubramaniyan, Associate Professor, presented a research paper titled “An Active Cluster based Routing Protocol for MANETs with Enhanced Weighted Clustering Algorithm supporting Mobility Forecast” in International Conference at University College of Engineering, Villupuram on 29th December 2016.
- ❖ Ms.S.Jayalilly, Associate Professor and Mr.J.Abdul Azizkhan, Assistant Professor/EEE published a research paper on “Internet on things: A Survey on Machine to Machine Communication (M2M) with IOT and its major Challenges” and Mrs.P.Sujatha, Associate Professor & Mrs.A.Shanthi, Assistant Professor published a research paper titled “IOT based Health Monitoring System” in International Research Journal in Advanced Engineering and Technology (IRJAET), Volume 2, Issue 6, December 2016.
- ❖ Mr.S.Parthiban, Assistant Professor and Mrs.T.Priyadarsini, Assistant Professor published a research paper titled “Performance Analysis of AODV, DSDV and I-DSDV Routing Protocols” in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCCE), Volume 5, Issue 12, December 2016.
- ❖ Mrs.S.Jaya, Professor, published a research paper titled “Fault Diagnose of Induction Motor using Novel Least Square Fuzzy Total Margin Support Vector Machine” in IIOAB, Volume 7, Issue 11, December 2016.
- ❖ Mr.R.Balasubramaniyan, Associate Professor presented a paper titled “Smart Energy - Conscious Cluster Based Routing Protocol for Mobile Adhoc Networks” in International conference conducted by Sri Eshwar College of Engineering, Coimbatore during 6th and 7th January 2017.
- ❖ Mr.R.Balasubramaniyan, Associate Professor and Mr.P.Paruthi Ilam Vazhuthi, Assistant Professor,



presented a paper titled "A review of grater routing protocols for MANETS" and Mr.R.Balasubramanian, Associate Professor, presented a paper titled "Automated Color Prediction of Paddy Crop Leaf using Image Processing" in International conference conducted by Government College of Engineering, Salem during 9th and 10th March 2017.

- ❖ Mr.S.Parthiban and Mrs.T.Priyadarsini, Assistant Professors published a research paper titled "Emotion Detection from Text based Document and Classification of Cross - Domain Sentiment" in International Journal of Engineering and Techniques (IJET), Volume 3, Issue 1, January 2017.

Guest Lecture:

- ❖ Ms.L. Megala, Assistant Professor delivered a guest lecture on "Electronic Devices and Circuits" at Tirumala Polytechnic College, Thiruvannamalai on 9th August 2016 & 28th June 2017.

Students Activities:

Prizes and Awards:

- ❖ Ms.I.Sundari of final year won second prize for "Techno event" in National level technical symposium held at Salem College of Engineering and Technology on 8th September 2016.
- ❖ Mr.V.Hariharan of final year won ₹ .500/- as first prize in "Circuit Debugging" in National level technical symposium held at University College of Engineering, Panruti on 29th September 2016.
- ❖ Ms.A.Nilofarnisha and Ms.M.Keerthana of second year won second prize in "Technical Quiz" in National level technical symposium held at our college on 22nd February 2017.
- ❖ Ms.V.Abinaya and Ms.P.Durgadevi of final year won first prizes for the events "Techno Event" and paper presentation on "Cohabitation of WIFI and LIFI towards

5G" under the guidance of Mrs.V.Gandhimathi, Associate Professor. Ms.M.Girija and S.Abinethri of final year won second prizes for the events "Techno Event" and Paper presentation on "Implementation of Smart Tollgate Automation by using WSN" under the guidance of Mr.G.Sadiqbasha, Associate Professor, in National conference at Arunai Engineering College, Tiruvannamalai on 24th February 2017.

- ❖ Ms.A.Nilofarnisha and Ms.M.Keerthana of second year won third prize for a Project on "IOT enabled Air Pollution Meter with Digital Dashboard" in Project EXPO in National Science Day Celebration organized by Manakula Vinayagar Institute of Technology, Puducherry on 28th February 2017.
- ❖ Ms.K.Madhubala and Ms.S.Devi Suja Sri of final year won second prize for the paper on "Brain Port Vision Device" in National level technical symposium held at Idhaya College of Engineering for Women, Chinnasalem on 4th March 2017.
- ❖ Mr.A.Anbarasan, Mr.V.G.Prabu, Mr.F.Manivannan and Mr.K.VinothKumar of third year won second prize in "Poster Presentation" in National level technical symposium at Agni College of Technology, Chennai on 8th March 2017.
- ❖ Ms.D.Lalitha of final year won first prize for the "Technical event" in National level technical event in National level technical symposium organized by University College of Engineering, Villupuram during 9th and 10th March 2017.
- ❖ Mr.M.Sambathkumar and Mr.S.Vijayaragunathan of final year, won first prize for the paper, on "Iand Gesture Control of Home Appliances using Leap Motion Device for Physically Disabled Person", Mr.M.Abinesh of final year won second prize for the paper titled "Intelligent Helmet for Coal Miners using Zigbee", Ms.E.Nivetha and Ms.P.Swarnalakshmi of final year, won third prize for the paper titled "Brainwave controlled 3-D printed Robotic arm", Ms.M.Sambathkumar and Mr.M.Abinesh of final year, won first prize for the technical event "Connections", Ms.A.Pavithra and Ms.R.Shopana of final year, won first prize and Ms.E.Nivetha and Ms.P.Swarnalakshmi of final year, won second prize for the technical event "Word Clues" in National level students technical symposium at MRK Institute of Technology on 18th March 2017.



- ❖ Mr.M.Priyamudhan and Mr.S.Santhosh of final year won “Best Paper Award” for the paper on “Stochastic Computation of Gammatone Filter Hearing Aid for Impaired People” under the guidance of Ms.S.Jayalilly, Associate Professor, in National conference at C.K. College of Engineering on 3rd April 2017.

Conference presentation / Paper publications:

- ❖ Ms.J.Lalitha Malhothra, Ms.Z.Fathima and Ms.D.Radhika of third year presented a paper under the guidance of Mrs.T.Priyadarsini, Assistant Professor, titled “Design & Implementation of an Industrial Power Monitoring System using RTOS Programming & WN” in National conference at Arunai Engineering college, Tiruvannamalai on 24th February 2017.
- ❖ Ms.R.Vanmathi, Ms.M.Swathika and Ms.I.Sundari of final year presented a paper under the guidance of Mr.S.Parthiban, Assistant Professor, titled “Smart ATM center with Bring Along Mechanism for Card and Cash Retrieval After Transaction”, Ms.T.Akila, Ms.P.Monishadevi, Ms.S.Gomathi and Ms.K.Kanaga of final year presented a paper titled “Design of Virtual Mouse with RGB Colored Tapes”, Ms.K.Madhubala, Ms.V.Girija, Ms.S.Devi Suja Sri and Ms.S.Jayapriya of final year presented a paper under the guidance of Mrs.P.Sujatha, Associate Professor, titled “Anti-theft Control and Monitoring System using Raspberry Pi and Simple CV”, and Mr.S.Arunkumar, Mr.K.Karthick, Mr.K.Kalaivanan and Mr.V.Kumaresan of final year presented a paper under the guidance of Ms.L.Megala, Assistant Professor, titled “Discovery of Colored Fruits and Vegetables in Open Air using Image Processing and Robots” in International conference at Government College of Engineering, Salem during 9th and 10th March 2017.
- ❖ Ms.A.Pavithra and Ms.R.Shopana of final year presented a paper titled “RF Energy Harvesting based Charging the Low Power Devices”, Ms.V.Vinitha and Ms.R.Naveena of final year presented a paper titled “Hand Gesture Based Remote TV control” and Ms.R.Sarguna and Ms.R.Tamilselvi of final year presented a paper titled “Eye Tracking based Virtual Keyboard for Disabled People” in ISTE & IETE sponsored International conference at Bharathiyar Institute for Women, Attur on 25th March 2017 and was published in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Volume 4, Issue 11, March 2017.
- ❖ Ms.J.Jayapriya and Mrs.P.Kcerthi of final year presented a paper titled “Sensors Based Obstacle and Earthquake Detection for Under Coal Mining” under the guidance of Mr. V. Thiyagarajan, Associate Professor in National Conference at C.K. College of Engineering on 3rd April 2017.
- ❖ Ms.M.Deepika and Ms.A.Nilofarnisha of second year published a research paper under the guidance of Mrs.T.Priyadarsini, Assistant Professor, titled “Power Line Carrier Communication for Automatic Meter Reading” in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCCE), Volume 5, Issue 12, December 2016.
- ❖ Ms.R.Vanmathi, Ms.P.Sankari and Ms.K.Sasikala of final year published a paper under the guidance of Ms.S.Jayalilly, Associate Professor titled “Power Inception through Squander Water” and Ms.I.Sundari, Ms.M.Swathika and Ms.V.Nivedha of final year published a paper under the guidance of Ms.L.Megala, Assistant Professor, titled “Eblended learning using Web Technology” in International Research Journal in Advanced Engineering and Technology (IRJAET), Volume 2, Issue 6, December 2016.
- ❖ Ms.S.Sankari, Ms.D.Vishnupriya and Ms.J.Jeeva of second year published a research paper under the guidance of Mr.V.Thiyagarajan, Associate Professor, titled “PLC based Smart Green Home system” in International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREICE), Volume 4, Issue 12, December 2016.
- ❖ Ms.T.Kalaivani and Ms.P.Madhumitha of final year published a research paper under the guidance of Mrs.V.Gandhimathi, Associate Professor, titled “Solar Power Fencing System for Agriculture Protection using GSM” in International Journal of Innovative Research in



Computer and Communication Engineering (IJIRCE), Volume 4, Issue 12, December 2016.

- ❖ Ms.R.Divya and Ms.S.Aayisa banu of second year published a paper titled "Design and Simulation of Low Power and High Speed comparator using VLSI Technique" under the guidance of Mr.K.Ramesh, Assistant Professor, in International Journal of Advanced Research in Computer and Communication Engineering (IJARCE), Volume 6, Issue 1, January 2017.
- ❖ Ms.A.Anjana, Ms.R.Abirami and Ms.V.Esaiyazhini of second year published a paper titled "A Novel Six Transistor SRAM cell with Low Power Consumption" under the guidance of Mr.K.Ramesh, Assistant Professor, in International Journal of Innovative Research in Electrical, Electronics, Instrumentation and control Engineering (IJREEICE), Volume 5, Issue 2, February 2017.
- ❖ Mr.M.Sambathkumar, Mr.S.Vijayaragunathan and Mr.R.Sathishkumar of final year published a research paper titled "Appliances Control using Leap Motion Device for Physically Disabled Persons" and Ms.K.Madhubala, Ms.S.Devi suja sri, Ms.V.Girija and Ms.S.Jayapriya of final year published a paper titled "Anti-theft Control and Monitoring system using Raspberry PI and simple CV" under the guidance of Mrs.P.Sujatha, Associate Professor, in International Research Journal in Advanced Engineering and Technology (IRJAET), Volume 3, Issue 2, March 2017.
- ❖ Ms.T.Kalaivani and Ms.P.Madhumitha of final year published a paper titled "Automatic Car Parking Guidance system using RFID" under the guidance of Mr.S.Parthiban, Assistant Professor, in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCE), Volume 5, Issue 3, March 2017.
- ❖ Ms.R.Vanmathi, Ms.M.Swathika and Ms.I.Sundari of final year published a paper titled "Smart ATM center with Bring along Mechanism for Card and Cash Retrieval after

Transaction" under the guidance of Mr.S.Parthiban, Assistant Professor, in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCE), Volume 3, Issue 2, March 2017.

FDP/Workshop/Seminar participations:

- ❖ Ms.I.Sundari, Ms.K.Sasikala, Ms.M.Swathika, Ms.R.Vanmathi, Ms.M.Girija, Ms.A.Kavitha, Ms.S.Abiethri, Ms.Devi Suja sri, Ms.P.Durgadevi and Ms.K.Madhubala of final year participated in ISTE sponsored workshop on "Mobile Hacking & Mobile Making" at Adhiyaman College of Engineering, Hosur during 24th and 25th January 2017.
 - ❖ Ms.P.Madhumitha, Ms.G.Arannayagi, Ms.K.Lakshmi priya and Ms. D.Lalitha of final year participated in workshop titled "Industrial Automation using Labview" and "Neuromorphic Microchip Design" at University College of Engineering, Villupuram during 9th and 10th March 2017.
 - ❖ Ms.B.Sholiya and Ms.M.Radhika of third year participated in one day workshop titled "Mobile Game Development Virtual Reality in Robotic 3D Modelling" at Kongu Engineering College, Erode on 19th March 2017.
- #### **Paper Presentations:**
- ❖ Ms. S. Vishnu Vardha Veni and Ms.K.Sujitha of final year presented a paper titled "Artificial Vision using Embedded System" in National level technical symposium at Kongunadu College of Engineering and Technology, Thottiam on 12th August 2016.
 - ❖ Ms.K.Lakshmi priya and Ms.P.Mathumitha of final year presented a paper titled "Development of Robot for Automatic wall Painting", Ms.M.Girija and Ms.S.Abinethri of final year presented a paper titled "Pill Camera" and Ms.K.Madhubala of final year presented a paper titled "Underwater Wireless Communication" in National level technical festival at CK College of Engineering and Technology on 31st August 2016.
 - ❖ Ms.R.Vanmathi and Ms.I.Sundari of final year presented a paper titled "Digital Gloves gives Voice to Voiceless People" in National level technical symposium held at Salem College of Engineering and Technology on 8th September 2016.
 - ❖ Ms.R.Divya and Ms.L.Sasina of second year presented a paper titled "Design and Implementation of Trash Can using Embedded System" and Ms.I.Sundari and Ms.R.Vanmathi of final year presented a paper titled "Hidden Camera Detector" in National level technical

symposium in Sri Sai Ram College of Engineering, Chennai on 12th September 2016.

- ❖ Ms.J.Jeeva of second year presented a paper titled “Design and Implementation of Smart Parking Systems using Sensor and RFID Technology” in National level technical symposia at IFET college of Engineering on 23rd September 2016.
- ❖ Ms. M.Yogalakshmi and Ms.K.Subasri of third year presented a paper titled “Electromyography pattern Recognition based Control of Power Multifunctional Upper Limb Prosthesis” in National level technical symposium at Krishnasamy College of Engineering and Technology on 3rd February 2017.
- ❖ Mr. S.Santhosh and M.Priyamudhan of final year presented a paper titled “Monitoring Mobile Patients using Predictive Analysis by Data from Wearable sensors”, Ms.S.Nithya, Ms.D.Radhika and Ms.M.Pavithra of second year presented a paper titled “Bio Gas Plant using Food Waste” and Ms.A.Nilofarnisha & Ms.M.Keerthana of second year presented a paper titled “The IOT in Agriculture for Sustainable Rural Development” in 16th ISTE Annual Engineering Students convention at PSNA College of Engineering & Technology, Dindigul on 4th March 2017.
- ❖ Ms.G.Arannayagi and Ms.K.LakshmiPriya of final year presented a paper titled “Real time Hand Gesture Recognition and Text-speech”, Ms.P.Madhumitha and Ms.D.Lalitha of final year presented a paper titled “Automatic Car Parking Guidance System using RFID” in National level technical symposium at University College of Engineering Villupuram on 9th March 2017.
- ❖ Ms.S.Vishnuvardhavan and Ms.K.Sujitha of final year presented a paper titled “Multipurpose Weed Control Robot for Agriculture Purpose”, Ms.M.Priyanka and Ms.P.Sankari of final year presented a paper titled “Automation of Solid Waste Bin Management” and Ms.M.Pavithra of third year presented a paper titled “Design and Implementation of Wireless power monitoring in Industry” in National level student’s technical symposium held at MRK Institute of Technology on 18th March 2017.

Project Expo:

- ❖ Mr.S.Karthikraj , Mr.K.VinothKumar, Mr.A.Shaik Anis and Mr.V.G.Prabu of third year presented a project titled “Assistant Librarian Book Manipulation in Library using ROBO” and Ms.S.Rashitha Devi, Ms.A.Reshma ,Ms.B.Bharathi and Ms.D.Radhika of third year presented a project titled “Free Path Finder for Blind People by

Ultrasonic Obstacle Detector” at National Science Day Celebration organized by the Department of Science and Humanities at Manakula Vinayagar Institute of Technology, Puducherry on 28th February 2017.

Inplant Training:

- ❖ Ms.S.AayisaBanu, Ms.R.Abirami, Ms.M.Deeepika, Ms.R.Divya, Ms.D.Jayasuya, Ms.J.Jeeva, Ms.M.Keerthana, Ms.A.Nilofarnisha, Ms.S.Sankari, Ms.D.Vishnupriya, Ms.A.Yogenthira Priyadharshika, Ms.P.Kirubadevi, Ms.B.Nanthini and Ms.P.Ramyakrishnan of second year underwent inplant training from 16th to 19th December 2016 and Ms.Esaiyazhini, Ms.L.Sasina of second year & Ms.K.Jayanthi, Ms.D.Radhika, Ms.L.Logajanani, Ms.P.Bothana Bhuvanewari, Ms.P.Divya, Ms.S.Amsa Banu, Ms.S.Nithya and Ms.Maheswari of third year underwent inplant training from 22nd to 24th December 2016 in Bharat Sanchar Nigam Limited (A Government of India Enterprise),Cuddalore.

Industrial Visit:

- ❖ Mr.R.Balasubramanian, Associate Professor & Mrs.P.Pradeepa, Assistant professor and Mrs.P.Sujatha & Mr.N.Gobinathan Assistant Professors guided final year “A” and “B” students respectively to visit Surabi Windfarms Technologies Pvt. Ltd. at Nagercoil, Noratel India Power components Pvt. Ltd., Trivandrum, Mighty Electronics Equipments Corporation and Ampere Vehicles Pvt. Ltd., Coimbatore, Jothi Electronics Industries, Madurai from 22nd to 24th September 2016.
- ❖ Mr.S.Parthiban and Mrs.T.Priyadarshini, Assistant Professors guided third year “A” section and “B” section students to visit Mighty Electronics Equipment Corporation, Ampere Vehicles Pvt. Ltd., in Coimbatore and HYKON Power Electronics(P)Ltd., in Thirissur and Blue Apple Technologies Pvt. Ltd., Cochin from 22nd to 24th September 2016.
- ❖ Mrs.S.Jaya, Professor and Mr.K.Veeramanikandan, Assistant Professor guided second year ECE students to visit Mighty Electronics Equipment Corporation, Able Electronics and Axis Global Automation Ltd., in Coimbatore, Radio Astronomy Centre, National Centre for Radio Astro Physics and Bench Mark Tea Factory in Ooty from 22nd to 24th September 2016.

Department of Civil Engineering

Association (The ACE) Activities:

- ❖ National level seminar and inauguration of association activities were conducted jointly by The ACE and ISTE on 28th July 2016.Er.G.Chandrasegar, Managing Director,

GURU Designs Architects, Engineers & Builders and President of Puducherry Civil Engineers Association, delivered the guest lecture on “Entrepreneurship in Civil Engineering”.

- ❖ The ACE organized National level technical symposium in association with ISTE on 23rd August 2016. The inaugural address was given by Er.M.K.Balasubramanian, Deputy General Manager of URC Construction Pvt. Ltd., Erode.
- ❖ The ACE in association with ISTE and Career Guidance Bureau organized two days National level workshop on “Modern survey training programme using total station & GPS”, delivered by Mr.V.Selvam, M.Tech, Managing Director, SSM Engineering and Survey (Training and Consultant), Chennai during 23rd and 24th February 2017.

Staff Activities:

FDP/Workshop/Seminar participations:

- ❖ Mr.R.Kalaarasan and Mr.R.Arunshouric, Assistant Professors attended three days Faculty Development Programme on “Environmental Engineering-II” at Vellalar College of Engineering, Erode from 14th to 16th December 2016.
- ❖ Mr.R.Saranraj and Ms.K.Saranya, Assistant Professors attended seven days Faculty Development Programme on “Design of Steel Structures” at Krishnasamy College of Engineering & Technology on 5th December 2016 & from 9th to 14th December 2016.
- ❖ Mr.P.Vijayakumar, Ms.S.Pratheba, Ms.P.Jayanthi and Ms.R.Vijayalakshmi, Assistant Professors attended five days short-term course on “Coastal and Offshore Structure” in Pondicherry Engineering College from 5th to 9th December, 2016 under the sponsorship of Quality Improvement Programme, AICTE, Govt. of India.
- ❖ Mr. N. Ravikumar, Assistant Professor attended one day National seminar on “Sustainable Solid Waste Management Technologies for Clean India” at K.S.Ragasamy College of Technology, Thiruchengode on 23rd June 2017.



Students Activities:

Paper Presentations:

- ❖ Ms.P.Nisha & Ms.T.Thulasi of third year presented a paper on “Fibre Reinforced Concrete”, Ms. B. Yogeshwari of third year presented a paper on “Papercrete”, Ms.V.Prema & Ms.N.Sathiya Natesan of second year presented a paper on “Remote sensing and GIS” and Ms. K. Yamuna & Ms.E.Janaga lakumi of second year presented a paper on “Petroneas twin towers” in National level technical symposium at MRK Institute of Technology on 17th September 2016.
- ❖ Mr.R.Chandrakumar of third year presented a paper and won second prize on “Geo Desi domes” and first prize in the event “CAD Modelling” in National level technical symposium at Tagore Institute of Engineering & Technology, on 17th September 2016.
- ❖ Ms.S.Swetha and Mr.A.Jawahar of final year presented a paper “Soil-Structure Interaction of RC Framed Structure” and secured first prize, Ms. A.M. Ishwariya & Ms. R. Kalaiyarasi of third year presented a paper “Bio concrete”, Ms. K. Deepeka & Mr. J.Muthu Narayanan of third year presented a paper “Green roof”, Ms. R. Vinitha & Ms. B. Yogeshwari of third year presented a paper “Glass Fiber Reinforced Concrete”, Ms.A.Jayasri of third year presented a paper “Pervious Concrete” and Mr.R.Chandrakumar of third year presented a paper “Platic Roads” in a National level Technical symposium at CK College of Engineering and Technology, Cuddalore on 17th March 2017.
- ❖ Mr.S.Ragul of third year presented a paper “Increasing the efficiency of composite column using FRP” and secured 2nd prize, Mr.S.Ragavendar of final year presented a paper “Paper Concrete” and secured 3rd prize, Ms.S.Ishwariya & Ms.P.Divya of final year presented a paper on “Seismic Behaviour of RC Shear Wall Buildings with Soil Structure Interaction Effects”, Ms.S.Sivasakthi & Ms.S.Aruna of final year presented a paper “Comparison of Pushover Analysis and Response Spectrum Analysis of RC



Symmetrical Building using Differential Codal Provisions”, Ms.K.Banusha & Ms.P.Pachuvitha of final year presented a paper “Experimental Investigation on Compressive Strength of Hollow Blocks using Ceramic Tiles and Metakoolin” and Ms.S.Mahalakshmi & Ms.S.Lajwanthi of final year presented a paper “Fly-ash concrete” in National level students technical symposium in Annamalai University on March 2017.

Industrial Visits:

- ❖ Mr. R. Arunshourie and Ms. K. Saranya, Assistant Professors guided final year students to visit Hiran Architects, Kodaikanal on 22nd September 2016 and B Square Constructions, Trissur on 23rd September 2016, Harbour at Cochin and Pechi Dam on 24th September 2016. Mr. M. Shyamkumar, Mr. V. Tamilselvan, Ms.K.Sathya and Ms. S. Pratheba, Assistant Professors guided third year students to visit Bavanai Sagar Dam on 22nd September 2016, Malampuzha Dam, Palakad Fort at Palakad on 23rd September 2016 and G.S.Association Building Construction at Munnar on 24th September 2016.
- ❖ Mr. R. Kalaiarasan and Ms. G. Yamuna, Assistant Professors guided second year students to visit Ravimuruga Constructions and URC Constructions at Coimbatore on 22nd September 2016 and Pykara Dam at Ooty on 23rd September 2016.

Department of Computer Science & Engineering Association Activities:

- ❖ The Association of Computer Engineers (ASCOME) of Department of Computer Science and Engineering in association with Indian Society for Technical Education (ISTE) & Carcer Guidance Bureau organized its inauguration and conducted one day seminar on “MVC Framework” presided by Er.Anitha Raman, Project Manager, Caggemini India Pvt. Ltd., Chennai on 6th August 2016.
- ❖ The Association of COMputer Science & Engineering-ASCOME and Indian Society for Technical

Education (ISTE) jointly organized a National level technical symposium “TECHYATRA’ 17”, presided by Mr. Ganesh Manoharan Raju, Chief Technology Officer, Genome Life Sciences, Chennai. Mr.R.Arun Prakash, Assistant Professor, Department of Computer Science and Engineering, University College of Engineering, Ariyalur and Mr.S.Milton Ganesh, Assistant Professor, Department of Computer Science and Engineering, University College of Engineering, Tindivanam acted as judges on 28th January 2017.

- ❖ Internal Paper Presentation contest was organized on 10th January 2017. Dr. J. Paranthaman, Assistant Professor, Department of Computer Science and Engineering, University College of Engineering, Panruti acted as jury and selected the best papers.
- ❖ The Association of Computer Science & Engineering-ASCOME and Indian Society for Technical Education (ISTE) jointly organized guest lecture on “Joomla - Platform for website creation” delivered by Ms.Sumaiya Farheen, iseed Technologies, Tindivanam on 20th February 2017.

Staff Activities:

Faculty Pursuing Higher Studies:

- ❖ Mr.A.Partha Sarathy, Associate Professor is pursuing Ph.D. at Rayala Seema University.
- ❖ Mrs.J.K.Jothikalpana, Professor, Mr.M.BalaAnand and Mrs.G.Sumalatha Assistant Professors are pursuing Ph.D. in Anna University.

Guest Lectures:

- ❖ Mr.M.BalaAnand, Assistant Professor delivered guest lecture and conducted workshop on “Grid and Cloud Computing” at Bharathidasan Engineering College, Vellore, Asian College of Engineering, Coimbatore and Tejaa Shakthi Institute of Technology for Woman, Coimbatore on 29th August 2016, 18th September 2016 and 09th September 2016 respectively; he also delivered guest lecture on “Streaming Data Analytics using Spark” at Hindustan University, Chennai on 15th September 2016.
- ❖ Mr.M.BalaAnand and Mr.V.Vinothraj Assistant Professors, delivered Guest Lecture on “Grid and Cloud Computing Lab” at Sree Krishna College of Engineering, Vellore on 25th September 2016.
- ❖ Mr.P.Karunaidhi, Professor was resource person in the Anna University sponsored Faculty Development Training Programme and gave guest lecture on “Multi-Core Architecture and Programming” at University College of Engineering, Panruti on 28th November 2016.



FDP/Workshop/Seminar participations:

- ❖ Mr.M.BalaAnand, Assistant Professor attended two days workshop on "Grid and Cloud Computing Lab" at A.K.T. College of Engineering, Kalakurichi during 30th June and 1st July 2016, three days National level workshop on "Data Science Research" sponsored by DST, organized at VIT University, Chennai Campus from 30th November to 2nd December 2016 and one day National level workshop on "Internet of Things" at SNS College of Technology, Coimbatore on 27th January 2017.
- ❖ Mr.V.Vinothraj, Assistant Professor attended two days workshop on "Graph Theory and Applications" at Adhiparasakhi Engineering College, Melmaruvathur during 8th and 9th July 2016.
- ❖ Mr.N.Gobinathan and Mr.S.Balaji, Assistant Professors attended two days Faculty Development Programme on "Teaching Techniques" sponsored by ICT Academy of Tamil Nadu (ICTACT) at Manakula Vinayagar Engineering College, Puducherry during 4th and 5th August 2016.
- ❖ Mr.A.Parthasarathy, Associate Professor attended one day workshop on "Software Tools for Digital Document Management" organized by NIT Puducherry (Karaikkal) on 12th November 2016.
- ❖ Mr.N.Gobinathan, Assistant Professor attended three days short term training programme on "Data Science Hands on Session with Open Source Tools" at A.V.C College of Engineering from 24th to 26th November 2016.
- ❖ Mr.S.Bharathiraja and Mrs.G.Sumalatha, Assistant Professors attended two days National level technical workshop on "Mobile hacking and Mobile making" at Adhiyaan College of Engineering, Hosur during 24th and 25th January 2017.
- ❖ Mr.K.Veeramanikandan and Mr.N.Gobinathan, Assistant Professors participated in TNSCST sponsored one day National level seminar on "Modern trends in fiber optics communication" organized by Department of Electronics and Communication Engineering in association with Research and Development Committee at our College on 23rd May 2017.
- ❖ Ms.N.Kaviatha, Assistant Professor participated in TNSCST sponsored one day National level seminar on "Biomod-A platform for Disentangling Biodiversity Effects on Ecosystem Functioning and Deriving Solutions to a Seemingly Insurmountable Problem" organized by Department of Electronics and Communication Engineering in association with Research and Development Committee at our College on 24th May 2017.



- ❖ Mrs.A.Niranjana Devi, Associate professor participated in TNSCST sponsored one day National level seminar on "Recent Trends in cognitive Networks" organized by Department of Electronics and Communication Engineering in association with Research and Development Committee at our College on 25th May 2017.
- ❖ Mrs.J.K.Jothi Kalpana, Professor & Mr.A.Partha Sarathy, Mrs. A. Niranjana Devi, Associate Professors and Mrs.C.Lecna, Mr.V.Vinothraj & Mr.N.Gobinathan Assistant Professors participated in Indian Council of Medical Research sponsored two days National level seminar on "Challenges in the Research on Orthopedic Implant Materials" conducted by Department of Mechanical Engineering in association with Research and Development Committee at our College during 29th and 30th June 2017.

Conference presentation /Paper publications:

- ❖ Mrs.J.K.Jothikalpana, Professor presented a paper titled "Intellectual Analysis of Students Automatic Attendance and Listening Capability Testing by using Data Mining and Pattern Matching" in International Conference organized by University College of Engineering, Villupuram during 29th and 30th December 2016.
- ❖ Mr. P. Karunanidhi, Professor and Mr. N. Gobinathan, Assistant Professor published a paper titled "The High-Speed Big Data Processing Devices Using AHP- A Feasibility Study on the Research Infrastructure Projects" in Coimbatore Institute of Information Technology (CIIT), Volume 8, Issue 9, December 2016.
- ❖ Mr.M.BalaAnand, Assistant Professor published papers on "Efficient Routing in AODV using Certificate Authority and Fuzzy on MANET", "Smart Energy Intelligent Resourceful Buildings based on Internet of Things (IOT)" and "The Roadmap for Big Data in Various Application with Apache Hadoop and Apache Spark" in International Journal of Printing, Packaging and Allied Sciences (Annexure 1), Volume 4, Issue 4, December 2016 & published a research papers titled "A Survey on BigData with

Various V's on comparison of Apache Hadoop and Apache Spark" and "Detection of Vulnerable Activity in Social Network and Websites Using Steganalysis: A Cryptography Technique" in Advances in Natural and Applied Sciences (Annexure II), Volume 4, Issue 11, 362-381, January 2017 and presented a paper titled "A survey on Various V's with comparison of Apache Hadoop and Apache Spark" in 3rd National Conference at Arulmurugan College of Engineering, Karur on 18th March 2017.

Students Activities

Prizes and Awards:

- ❖ Mr. V. Karthikeyan, Mr. K. Dharmarajan and Mr.T.Vinothkumar of final year won first prize for their project "Wearable Nonconduct Armband for Mobile ECG Monitoring System" in "Project contest" at our College on 21st March 2017.

Conference Presentation / Paper Publications:

- ❖ Ms.S.Sangeetha of third year and Mr.S.Murugan of final year under the guidance of Mr.M.BalaAnand, Assistant Professor published paper titled "Preserving Big Data Integrity in Cloud in an Efficient Manner" in Journal on Artificial Intelligent Systems and Machine Learning, Volume 8, Issue 4, pages 240-243, August 2016.
- ❖ Ms.P.Vidhya, Ms.P.Sathiyalakshmi and Ms.N.Narmatha of final year under the guidance of Mr.A.Daisonraj, Assistant Professor published paper titled "Layout of Simultaneous Parser: Hypertext Language with Ontology based Information Element" in Journal on Networking and Communication Engineering, Volume 8, Issue 10, November 2016.
- ❖ Ms.D.Kothai of final year presented a paper titled "Geographic Routing in Clustered Wireless Sensor Networking among Obstacles" and Ms.P.Gayathri, Ms.R.Gayathri & Ms.V.Kamatchi of final year presented a paper titled "Human Stress Monitoring System using Wearable Sensors" in National conference in Manakula Vinayagar Institute of Technology, Puducherry on 10th March 2017.
- ❖ Ms.S.Aishwarya, Ms.B.Vijayalakshmi & Ms.S.Kayathri of final year presented a paper titled "Dynamic Android App for College Management System" in the National Conference at Arunai College of Engineering Tiruvannamalai, 11th March 2017.
- ❖ Mr. S. Murugan, Mr. S. Vignesh & Mr. V. Venugopal presented a paper titled "Visual Exploration and Pattern Identification of People Opinion by Tweets on Demonetization" under the guidance of Mr.M.BalaAnand

Assistant Professor and Mr.K.Vivck, Mr.L.Subash Chandrabose and Mr.R.Venkadesh of final year presented a paper titled "Road Transport Authority Information System" under the guidance of Mr.V.Vinothraj Assistant Professor in National Conference at Arulmurugan College of Engineering, Karur on 18th March 2017.

Paper Presentations:

- ❖ Mr.G.Kubaran of final year and Mr.R.Prabhakaran of third year presented a paper titled "Impacts of LIFI Technology" in National level technical symposium at K.L.N. College of Engineering and Technology, Madurai on 19th August 2016.
- ❖ Ms.S.Sangeetha and Ms.A.Rishiya of third year presented a paper titled "BigData" in National level technical symposium at Hindustan University, Chennai on 17th September 2016.
- ❖ Ms.S.Sangeetha of third year got third prize in Internal paper presentation under the guidance of Mr.M.BalaAnand titled "Amblyopia - A solution by Technology", at our College on 10th January 2017.
- ❖ Ms.P.Vidhya and Ms.B.Vijayalakshmi of final year presented a paper and won second prize titled "Hospital Queuing recommendation by using PTP Algorithm" & Mr.J.Jayasriram and Mr.G.Kubaran of final year presented a paper titled "Dynamic Road Traffic Control System with Vehicle Monitoring and Information System" in National level technical symposium at Adhiparasakthi Engineering College, Melmaruvathur on 2nd February 2017.
- ❖ Mr.G.Kubaran and Ms.P.Vidhya of final year attended a workshop titled "Mobile Game Development Virtual Reality in Robotics 3D Modelling" organized by Academica Scientist (An Indian Research Community Group) at St. Joesph College, Trichy on 12th February 2017.
- ❖ Mr.G.Kubaran and Mr.R.Venkatesh of final year attended two days National level workshop on "Ethical Hacking" at Rathinam College of Arts and Science during 24th and 25th February 2017.
- ❖ Ms.S.Sangeetha and Ms.S.Srimathi of third year got first prize in paper presentation under the guidance of Mr.M.BalaAnand titled "Amblyopia -an Early Detection using Spark" in C.K College of Engineering & Technology on 3rd March 2017.
- ❖ Mr.G.Kubaran participated in one day National level workshop on "Cyber Security" and presented a paper titled "Dynamic Road Traffic System for Congestion Control Ambulance Clearance" at CK College of Engineering and Technology on 4th March 2017.

- ❖ Ms.A.Sasikala, Ms.D.Kothai and Ms.K.Agila of final year presented a paper and won first prize on "Webpage Recommendation based on Web Usage & Domain Knowledge" in one day National level students technical symposium held at MRK Institute of Technology on 18th March 2017.

Implant Training:

- ❖ Ms.S.Sangeetha and Ms.J.Sharmili of third year attended In-plant training on "Dreamweaver, Software Development life cycle, Flash and Photoshop" at Uniq Technologies Pvt. Ltd., Chennai during 23rd and 24th December 2016.

Industrial Visits:

- ❖ Mr.K.Ramesh and Ms.C.Leena, Assistant Professors, guided final year students to visit Arun Multilayers Pvt. Ltd. & Global Techno solutions at Madurai on 22nd September 2016 and Kannan Devan Hill Plantations Pvt. Ltd., Munnar on 24th September 2016.
- ❖ Mr. S. Bharathiraja & Mrs. G. Sumalatha, Assistant Professors, guided second and third year students to visit VcTech Software Solution, iGrande Software Pvt. Ltd., Sree Mckenakshi Plastics Pvt. Ltd. and SS Electronics Company at Madurai on 22nd September 2016 and Tea Museum Factory, Munnar on 23rd September 2016.

Department of Science and Humanities

Staff Activities:

Conference /Paper Publications:

- ❖ Dr.N.Manivannan, Assistant Professor in Chemistry, published a research paper "Anticoagulant activity and Molecular docking of 7, 9-bis (4-chlorophenyl) -6-methyl-1,4-dioxo-8- azaspiro [4.5] decane through target protein thrombin" in Asian Journal of Chemistry, ISSN 0970-7077, Volume: 28, Issue:8, May 2016, PP:1777-1782.
- ❖ Dr.G.RajaAnnmalai, Assistant Professor in Physics, published a research paper "Application of 57Fe Mossbauer Spectroscopy for the Characterization of Archaeological Pottery of Tamilnadu, India" in Journal of Radiation and Nuclear Applications, Volume: 1, Issue:1, September 2016, PP: 1-9.
- ❖ Mr.A.Senthamizhan, Associate Professor in Physics, presented a research paper "Synthetic, Growth & Characterization of Pure and Nedyum Doped L-Histidine Acetate Single Crystals" in National Conference at St. Joseph College (Autonomous), Trichy on 7th October 2016 and "Growth and Thermal, Electric, Photoconductivity & Dielectric studies of Pure & Nedyum Doped Lauric Acid Single Crystals", in National Seminar held at National College (Autonomous), Tiruchirappalli during 6th and 8th March 2017.

FDP/Workshop/Seminar participations:

- ❖ Mr.A.Senthamizhan, Associate Professor in Physics and Mr.P.Ganesan, Assistant Professor in Chemistry, participated in National seminar on "New Trends in Chemistry – Crystal Growth" at Annamalai University during 21st and 22nd October 2016.
- ❖ Mr.A.Senthamizhan, Associate Professor in Physics participated in National seminar on "Recent Advances in Chemical and Environmental Research" at Annamalai University during 20th and 21st January 2017.
- Mr.R.Raja, Mr.G.K.Veeramani and Mr.C.Premraj, Assistant Professors in Mathematics, participated in "SPSS Workshop" at IFET College of Engineering on 28th January 2017.
- ❖ Mr.A.Senthamizhan, Associate Professor in Physics and Dr.N.Manivannan, Assistant Professor in Chemistry participated in UGC-SAP DRS-II sponsored workshop on "Quantum Information Science" at Pondicherry University during 17th and 18th February 2017.
- ❖ Dr.N.Manivannan, Mr.P.Ganesan, and Mrs.R.Kavitha, Assistant Professors in Chemistry, participated in Science Academies Lecture Workshop on "Chemistry - Current Focus" held at A.V.C. College (Autonomous), Mayiladuthurai during 27th and 28th February 2017.

Students Activity:

Paper Presentations:

- ❖ Mr.S.Manikandan of I year Mechanical Engineering presented a paper "English as a life skill" and Mr.R.Vijayakumar of I year Mechanical Engineering presented a paper "Applications of Mathematics" in National level technical symposium held at SKP Engineering College, Tiruvannamalai on 24th March 2017.

Entrepreneurship Development Cell:

- ❖ Entrepreneurship Cell organized three days "Entrepreneurship Awareness Camp" sponsored by the Department of Science and Technology and Entrepreneurship Development Institute of India for the final year students of Mechanical Engineering from 9th to 11th February 2017.
- ❖ Er.Rajaganesh, General Manager, District Industries Center, Villupuram, delivered a lecture on "Role of Supporting Agencies in Entrepreneurship"
- ❖ Mr.V.Jayakumar, President, Association of Micro Medium and Small scale Entrepreneurs, Villupuram delivered a lecture on "Promoting Entrepreneurship: Role, Task & Challenges"
- ❖ Mrs.G.Parvathy, Project Manager, Tamil Nadu Industrial Investment Corporation (THIC), Villupuram delivered a lecture on "Preparation of project report"
- ❖ Mr.Mohammed Ibrahim, Project Manager, Brainz Infotech, Villupuram delivered a lecture on "How to enhance the entrepreneurship skills through practical exposures"



Department of Physical Education

Participation & Achievements:

- ❖ Mr.R.Ranjith Kumar of final year Mechanical and Mr.S.Vignesh of final year Civil got selected in Villupuram District Cricket Seniors Cricket Team to play Inter District Kalidoss Trophy T-20 Cricket Tournament conducted at Trichy from 15th to 18th July, 2016 and got selected in Villupuram District Cricket Team Under-23 Cricket Team to play TNCA Inter District Cricket Tournament conducted at Theni from 25th to 27th October 2016.
- ❖ Kho-Kho team won the first place in Anna University Zone V Kho-Kho (Men) tournament conducted for the third consecutive year at our College during 27th and 28th September 2016.
- ❖ Athletic team – (Men) won third place & won the following medals and certificates in Anna University Zone V Athletic meet conducted at Adhiparasakthi Engineering College, Melmaruvathur during 13th and 14th October, 2016.
 - Mr.B.ArunRaj of final year CSE secured first place in 10,000 mts and second place in 5,000 mts
 - Mr.P.Ramachandran of third year Mechanical secured first place in 20 kms walk
 - Mr.M.Vijay of first year Mechanical secured second place in long jump
 - Mr.A.Surya Prakash of second year Civil secured third place in 1500 mts
 - Mr.A.Krishnamoorthy of second year Mechanical secured third place in shotput
 - Mr.V.Aravind of third year Civil secured third place in 110 mts hurdles

Hosted:

- ❖ Our college conducted 3rd V.R.S. Trophy Inter school tournament for super seniors and Games like Kho-Kho, Football (boys), Volley Ball (Boys), Badminton (Girls) and Chess (Boys & Girls) during 23rd and 24th July 2016.
- ❖ Our college conducted Anna University Zone V Badminton (Women) on 28th August 2016, Anna University Zone V Volley Ball (Women) on 14th September

2016, Anna University Zone V Kho-Kho (Men) during 27th & 28th September 2016 and State level Inter District Sub Junior Boys Hockey tournament from 26th to 28th December, 2016.

- ❖ Our Kho – Kho (Men) team qualified and participated in Anna University Inter-Zone Kho-Kho tournament 2016 – 17 and Mr.A.Murali, Director of Physical Education was appointed as Selector for Anna University Kho-Kho (Men) team for South Zone Inter University competition held at King Engineering College, Namakkal during 2nd and 3rd January 2017.
- ❖ Mr.A.Suriya Prakash of final Year Civil Engineering, has been selected to represent Anna University, Chennai, Kho – Kho team (Men) for the South Zone Inter – University Competition held at Mangalore University, Karnataka from 11th to 17th January 2017.
- ❖ Tamil Nadu School Education jointly with VRSCET hosted TAKWONDO Championship from 25th to 27th January 2017. Girls and Boys from 32 districts of Tamil Nadu participated in this Championship.
- ❖ Our Kho – Kho team (Men) participated in State Level Inter-collegiate Kho-Kho tournament 2017 conducted by Thiagarajar Engineering College, Madurai during 17th and 18th February 2017.
- ❖ VRSCET Cricket team won Runners Up trophy at the 7th Kapil Dev Rolling Trophy T20 - Inter Collegiate Cricket tournament hosted by VRSCET from 17th to 23rd March 2017.



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