

# VRSCET *News Letter*

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



### GRADUATION DAY

18<sup>th</sup> Graduation Day 2015 was held on 26<sup>th</sup> March 2016. Mr.M.Balaji, Senior Associate Vice President (Works) E.I.D. Parry (India) Limited, Nellikuppam was the Chief Guest and distributed the Degree Certificates to 374 Graduates.

### UNIVERSITY RANKS HOLDERS

M.E. (Product Design and Development) student Mr.M.Gopalakrishnan secured **University First Rank** (Gold Medal) and M.E. (Embedded System Technologies) Students, Ms. K. Dharani and Ms.M.Sathya secured **15<sup>th</sup> and 25<sup>th</sup> University Ranks** respectively



Mr. M. Gopalakrishnan



Ms. K. Dharani



Ms. M. Sathya



### ANNUAL DAY

Annual Day was celebrated on 9<sup>th</sup> April 2016. Mr.R.MohanRaj, President, Civil Engineers Associations (Tamilnadu & Pondicherry) was the Chief Guest. He distributed the Awards, Medals and Certificates to students for Academic and Sports Excellence.



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

(Accredited by NAAC and an ISO 9001 : 2008 Recertified Institution)

Arasur - 607 107, Villupuram Dist., Tamil Nadu.

Tel : 04149 - 209153, 209163. web site : [www.vrscet.in](http://www.vrscet.in) email : [vrscet@yahoo.com](mailto:vrscet@yahoo.com)



## DEPARTMENT OF MECHANICAL ENGINEERING

### Association (The AME) Activities:



- ❖ ICMR sponsored two days National level seminar was conducted jointly with Research and Development Committee on 09<sup>th</sup> and 10<sup>th</sup> May 2016. Dr.S.Kannan and Dr.P.Thangadurai, Assistant Professors, Pondicherry University, Dr.S.Gowthamkumar, Assistant Professor, Chettinad Academy of Research & Education, Chennai and Dr.D.Ragupathy, Assistant Professor, National Institute of Technology, Karaikal delivered guest lectures on “Recent Advances in Orthopaedic Implants using Nanotechnology.”

### Staff Activities:

#### Faculty pursuing higher studies:

- ❖ Mr.R.Ravisankar, Associate Professor is pursuing his Ph.D. in Pondicherry University.
- ❖ Mr.S.Shanmugasundaram, Associate Professor is pursuing his Ph.D. in Anna University, Chennai.
- ❖ Mr.P.Sarangapani, Assistant Professor has registered for Ph.D. in Anna University, Chennai.

#### Conference Presentation/Workshop/Seminar Participations:

- ❖ Mr.B.Selvasarthy, Mr.C.Subramaniyan and Mr.S.Shanmugasundaram, Associate Professors attended one day international workshop on “Preparation of Technical Articles and Research

Proposals” at University College of Engineering, Villupuram on 4<sup>th</sup> January 2016.

- ❖ Mr.N.Ejournale, Assistant Professor attended AICTE sponsored workshop on “Advances in Composite Materials” in CIIT, Coimbatore from 4<sup>th</sup> to 10<sup>th</sup> January 2016.
- ❖ Mr.S.Shanmugasundaram, Associate Professor presented a research paper titled “Optimization of Process Parameters on WEDM for Titanium Using Taguchi Method and Genetic Algorithm” and Mr.P.Sarangapani, Assistant Professor presented a research paper titled “Mechanical and Tribological analysis of Sic and Flyash reinforced Aluminium 6063 metal matrix composites” in IEEE sponsored International Conference on Science and Technology, Engineering and Management (ICONSTEM-2016) held in Jeppiar Engineering College on 30<sup>th</sup> and 31<sup>st</sup> March 2016.
- ❖ Mr.D.Satheskumar and Mr.A.Rajaraman, Assistant Professors attended one day workshop on “The Art of Writing Research Article and Publication” at SKP Engineering College, Tiruvannamalai on 28<sup>th</sup> April 2016.
- ❖ Mr. R. Ravisankar, Mr. B. Selvasarathy, Mr. C. Subramaniyan and Mr. S. Shanmugasundaram, Associate Professors, Mr. P. Sarangapani, Mr. D. Satheskumar, Mr. S. Sivaguru, Mr. T. Jothimani, Mr. A. Rajaraman, Mr. N. Ejournale, Mr. C. PanneerSelvam, Mr. M. Gopalakrishnan, Mr. S. Gaudham Babu, Mr. R. Dinakaran and Mr. B. Malarkannan, Assistant Professors attended two days ICMR sponsored National Seminar on “Recent Advances in Orthopaedic Implants using Nano Technology” at our college on 9<sup>th</sup> and 10<sup>th</sup> May 2016.
- ❖ Mr.T.Jothimani, Assistant Professor attended one week Faculty Development Programme on “ME 6301- Engineering Thermodynamics” at MRK Institute of Technology, Kattumannarkoil, Chidambaram from 6<sup>th</sup> to 12<sup>th</sup> June 2016.

### **Paper Publications:**

- ❖ Mr.C.Panneerselvam, Mr.M.Gopalakrishnan and Mr.S.Gaudham Babu, Assistant Professors published a research paper “Analysis of Particle Influence on Energy Release Rate of CSM E-Glass/Epoxy Composites Laminates” in the International Journal of Material Science and Engineering, ISSN: 2315-4527, Volume No:4, pp:24-34, March 2016.

### **Students Activities:**

#### **Technical Events:**

- ❖ Mr.A.Ajayvallippa and Mr.R.Eragaselvan of third year presented a paper “Nano Composites” in 15<sup>th</sup> ISTE (TN & P) Section Annual Convention-2016 at Anand Institute of Higher Technology, Kazhipattur, Chennai on 13<sup>th</sup> February 2016.
- ❖ Mr.S.Anbarasan and Mr.A.Boopathy of final year presented a paper “Recent Advances in Manufacturing”, Mr.S.Subashkumar, Mr.A.Elumalai and Mr.D.Antonychrisphine of third year participated in “Project Contest”, Mr.G.Chandru, Mr.A.Jesdus and Mr.R.Thirumalai of second year presented a paper “Optimization Techniques in Manufacturing” and Mr.J.Dhamodharan of third year presented a paper “Reverse Engineering” at CK College of Engineering and Technology, Cuddalore on 09<sup>th</sup> March 2016.



- ❖ Mr.J.Dhamodharan of third year participated in “Technical Quiz” at Adhiparasakthi Engineering College, Melmaruvathur on 19<sup>th</sup> March 2016.
- ❖ Mr.A.Ajayvallippa and Mr.J.Dhamodharan of third year presented a paper “Combat Vehicle Technology” and Mr.V.Kalaivanan, Mr.J.Ferrosahamed and Mr.L.Sarathkumar of third year won first prize in “Project Contest” at University College of Engineering, Villupuram on 23<sup>rd</sup> and 24<sup>th</sup> March 2016.
- ❖ Mr.J.Dhamodharan of third year participated in “Project Contest” at IFET College of Engineering, Gangarampalayam on 28<sup>th</sup> March 2016.
- ❖ Mr.E.Krishnadevarayar, Mr.I.Prakash, Mr.D.Vetrivel and Mr.T.V.Sanil of final year won first prize in “Project Contest”, Mr.J.Dhamodharan of third year presented a paper “Hydrogen Fuel Operated Vehicle”, Mr.R.Jayaprakash and Mr.S.Kapil Dev of final year and Mr.A.Ajayvallippa of third year participated in “Project Contest” and Mr.D.Vetrivel and Mr.R.Richard Rozario of final year won first prize in “Technical Quiz” at St.Anne's College of Engineering and Technology, Panruti on 30<sup>th</sup> March 2016.
- ❖ Mr.R.Jayakumar of second year M.E (Product Design and Development) presented a paper under the guidance of Mr.P.Sarangapani, Assistant Professor on “Mechanical and Tribological Analysis of Sic and Flyash Reinforced Aluminium 6063 Metal Matrix Composites” in the IEEE Sponsored International Conference (ICONSTEM-2016) at Jeppiaar Engineering College on 30<sup>th</sup> and 31<sup>st</sup> March 2016.

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

#### **Association (ASCOPE) Activities:**

- ❖ ASCOPE in association with ISTE and Career

Guidance Bureau organized one day National level technical symposium on 17<sup>th</sup> March 2016. Students from various institutions presented their papers and prizes were given to the winners. Mr.M.Parthiban, Senior Product Design Engineer, Caliber Embedded Technologies Private Limited, Coimbatore delivered a guest lecture on “Role of Electrical Engineers in Embedded Systems”. MOU was signed with “Caliber Embedded Technologies Private Limited - Coimbatore” on 17<sup>th</sup> March 2016 for providing industrial visits, in-plant training, and job opportunities to students.

- ❖ Entrepreneurship Development Cell of our college organized a Department of science and Technology and Entrepreneurship Development Institute of India sponsored “Entrepreneurship Awareness camp” for final year EEE Students from 22<sup>nd</sup> to 24<sup>th</sup> February 2016.

#### **Staff Activities:**

#### **Workshop/ Faculty Development Programme / Conference Participations:**

- ❖ Mr. J.Abdul Azizkhan, Assistant Professor attended hands-on training on “Network Simulator 2” organized by TBI at Kongu Engineering College from 08<sup>th</sup> to 09<sup>th</sup> January 2016.
- ❖ Dr.S.Sakthivel, Professor & Head and Mr.S.Manimaran, Assistant Professor attended a workshop on “Embedded system using ARM Controller” at St. Anne's College of Engineering and Technology from 09<sup>th</sup> to 10<sup>th</sup> June 2016.
- ❖ Mr. S. Arunpandiyam, Mr. M. B. Annadurai and Mr. B. Rajan, Assistant Professors attended TEQIP sponsored Faculty Development Program on “Recent Advances in Process Modelling, Control and Optimization Techniques” at Pondicherry Engineering College from 13<sup>th</sup> to 18<sup>th</sup> June 2016.



- ❖ Mr. G. Gnanavel, Mr.B.Arunkumar, Mr.J.Abdul Azizkhan, Ms.A.Elizabeth and Ms.R.Sandhya, Assistant Professors attended two day workshop on “Microcontroller Interfacing with 50 Sensors” at Dreamer India innovations, Villupuram from 18<sup>th</sup> to 19<sup>th</sup> June 2016.
- ❖ Ms.A.Elizabeth and Ms.R.Sandhya, Assistant Professors attended one day National seminar on “Current Research Trends in Power Engineering” organized by School of Electrical Engineering, VIT, Chennai on 25<sup>th</sup> June 2016.

#### **Paper Publications:**

- ❖ Mr.G.Gnanavel and Mr.B.Arunkumar, Assistant Professors published a paper titled “PIC Microcontroller based Boiler Monitoring and Controlling system for Power Plant Industry” in International Journal of Software & Hardware Research in Engineering(IJSHRE) ISSN NO:2347-4890,Volume 4, Issue 2, February 2016.
- ❖ Mr.G.Gnanavel and Mr.G.Ezhilarasan, Assistant Professors published a paper titled “Wireless Sensor Network based Precision Green House Management System” in International Research Journal of Engineering and Technology (IRJET), Volume 3, Issue 2, ISSN 2395-0072, February 2016.
- ❖ Mr.J.Abdul Azizkhan, Assistant Professor presented a paper “Multiple Bit Error Detection

and Correction on Hamming Code Technique using Xilinx ISIM simulator” in Second International Conference on Electrical, Electronics, Computer and Engineering 2016 at Vivekananda College of Engineering and Technology from 22<sup>nd</sup> to 23<sup>rd</sup> March 2016.

- ❖ Dr. S. Sakthivel, Professor & Head published a paper titled “Optimal Reactive Power Dispatch Problem Solved by using Flower Pollination Algorithm” in International Journal of Applied Engineering Research (IJAER), Volume 11, and issue 6, PP: 4387-4391, April 2016.

#### **Students Activities:**

##### **Technical Events:**

- ❖ Mr.S.Karthick and Mr.K.Gopi of third year presented a paper “Electrical Energy by Hybrid Solar Lighting Systems”, Mr.P.Kannan and Mr.D.Venkatesh of third year presented a paper “Low cost Prepaid Energy meter,” Mr.S.Suresh and Mr.R.Gowrishankar of third year presented a paper “Car Braking system using Ultrasonic Sensors” and Mr.R.Prithiviraj and Mr.S.Sivaprakasam of third year presented a paper “Electric Theft control using Smart Grid” in National level technical symposium held at Anand Institute of Technology on 13<sup>th</sup> February 2016.
- ❖ Mr.J.Abbas and Mr.V.Ajith kumar of second year presented a paper “Embedded Systems”, Mr.S.Kaviyaran and Mr.S.Eniyavan of second year presented a paper “HVDC Light and FACTS technology a Modern Power System Interconnection” and Ms.J.Narmadha and Ms.J.Anisha of second year presented a paper “Advanced Aircraft Landing Systems” in National level technical symposium held at Annai Teresa Engineering College on 12<sup>th</sup> March 2016.
- ❖ Ms.P.Sowmiya and Ms.S.Indhumathi of third year presented a paper “Smart Home” and won

second prize, Ms.V.Surya and Ms.V.Deepa of third year presented a paper “Electric Hybrid Solar Systems” and Ms.K.Kavipriya of third year presented a paper “Wireless Sensors in Agriculture” in National level technical symposium held at Tagore Institute of Engineering and Technology on 12<sup>th</sup> March 2016.

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **Association (ELCENA) Activities:**

- ❖ ELCENA in association with ISTE and Career Guidance Bureau organized one day internal paper presentation contest on 30<sup>th</sup> March 2016. Dr. V.Thanikaiselvan, Associate Professor, Department of Communication Engineering, VIT University inaugurated the event and evaluated the papers presented.

### **Faculty Pursuing Higher Studies:**

- ❖ Mrs.A.Uma Mageswari, Professor & Head, Mrs.S.Jaya and Mr.J.Joseph Ignatious, Professors are pursuing Ph.D. in Annamalai University.
- ❖ Mr.R.Balasubramaniyan, Associate Professor is pursuing Ph.D. in Anna University, Chennai.

### **Conference Presentation/Workshop Participation:**

- ❖ Mr.J.Joseph Ignatious, Professor attended the National level workshop on “Planning and Executing an International Quality Ph.D.” at KCG College of Technology, Chennai on 8<sup>th</sup> & 9<sup>th</sup> January 2016.
- ❖ Mr.V.Thiyagarajan, Associate Professor & Mrs.T.Priyadarsini and Mr.S.Parthiban, Assistant Professors attended five days ISTE approved Short Term Training Program (STTP) on “Advances in Spectral Domain Analysis (ASDA 2016)” conducted by Annamalai University from 4<sup>th</sup> January to 8<sup>th</sup> January 2016.
- ❖ Mr.V.Thiyagarajan & Mr.G.Sadiqbasha, Associate Professors and Mrs.T.Priyadarsini,

- Assistant Professor participated in National level workshop on “Recent Advances and Trends in Engineering Optimization” conducted by Mahendra Institute of Engineering and Technology, Thiruchengode on 23<sup>rd</sup> January 2016.
- ❖ Ms.S.Sangeetha Priya, Assistant Professor participated in one day International Conference on “Competency Building Strategies in Business and Technology for Sustainable Development” conducted by Sri Ganesh School of Business Management, Salem on 19<sup>th</sup> February 2016 and participated in UGC sponsored two days workshop on “Embedded Soc Design” conducted by Anna University, MIT Campus, Chennai on 7<sup>th</sup> and 8<sup>th</sup> March 2016.
  - ❖ Mr.R. Balasubramanian, Associate Professor attended one day seminar on “Enhancing the Quality of Academic Research in Higher Educational Institution” at VIT University, Vellore on 11<sup>th</sup> March 2016.
  - ❖ Ms.S.Jayalilly, Associate Professor presented a paper titled “Smart Shopping Cart Robot with Automatic Billing systems” in ISTE sponsored Regional conference at MRK Institute of Technology, Kattumannarkoil on 7<sup>th</sup> April 2016.
  - ❖ Mr.S.Parthiban, Ms.M.Pradeepa, Ms.L.Megala, Mrs.T.Priyadarsini, Mr.K.Ramesh and Ms.S.Sangeetha Priya, Assistant Professors and Ms.S.Jayalilly and Mrs.P.Sujatha, Associate Professors participated in ICMR sponsored two days National level seminar on “Recent Developments in Machine Learning Process for Screening and Diagnosis of Autism using Rapid Miner” conducted at our College from 5<sup>th</sup> to 6<sup>th</sup> May 2016.
  - ❖ Ms.L.Megala, Assistant Professor participated in two days Faculty Development Programme on “EC6711 – Embedded Laboratory” conducted by Francis Xavier Engineering College, Tirunelveli on 17<sup>th</sup> and 18<sup>th</sup> May 2016.
  - ❖ Ms.M.Pradeepa and Ms.S.Sangeetha Priya, Assistant Professors participated in IETE sponsored three days Faculty Development Training Programme (FDTP) on “Embedded System Design using ARM Microcontroller” conducted by Velalar College of Engineering and Technology, Erode from 2<sup>nd</sup> to 4<sup>th</sup> June 2016.
  - ❖ Ms.S.Jayalilly and Mrs.V.Gandhimathi, Associate Professors attended workshop on “Embedded System Using ARM Controller” conducted by Enthu Technology Solutions at St Anne's College of Engineering and Technology, Panruti on 9<sup>th</sup> and 10<sup>th</sup> June 2016
  - ❖ Mrs.P.Sujatha, Associate Professor attended three days Faculty Development Programme (FDP) on “Design and Testing of Electronic Circuits” at KLN College of Engineering, Sivagangai District from 9<sup>th</sup> to 11<sup>th</sup> June 2016.
  - ❖ Mrs.S.Jaya, Professor attended one day workshop on “Applications of Matlab Tools” in Enthutech, Coimbatore on 9<sup>th</sup> June 2016.
  - ❖ Mr.R. Balasubramanian, Associate Professor presented a paper titled “An Improved Cluster based Routing Protocol for MANET with Efficient Weighted Clustering and Balanced Cluster Head Pairs” during National conference at Anna University, CEG Campus, Chennai, on 24<sup>th</sup> June 2016.
  - ❖ Mr.P.Paruthi Ilam Vazhuthi, Assistant Professor completed the project titled “TINYOS - Application Implementation and Media Data Transfer Analysis for Sensor Networks” in Summer Research Fellowship 2016 organized by Indian Academy of Science, guided by Dr.G.N.Rathna, Department of Electrical Engineering, Indian Institute of Science, Bangalore from 2<sup>nd</sup> May 2016 to 29<sup>th</sup> June 2016.
  - ❖ Mrs.R.Bharadhi, Assistant Professor attended six days TEQIP-II sponsored STTP on “Recent Advances in MEMS based Virtual

Instrumentation & Applications” conducted by Pondicherry Engineering College, Puducherry from 27<sup>th</sup> June to 2<sup>nd</sup> July 2016.

#### **Publications:**

- ❖ Mr.G.Sadiq Basha, Associate Professor and Mr.K.Ramesh, Assistant Professor published a research paper “Design of Low Power Radar Level Sensor with Improved Accuracy rate for Sodium Level Detection in PFBR” in Australian Journal of Basic and Applied Sciences (AJBAS)(Annexure-II), Volume 10, Issue1, ISSN: 1991 – 8178, January 2016.
- ❖ Ms.S.Sangeetha Priya, Assistant Professor published a research paper “Area Decreased with Compact Size Multiplier by using Common Boolean Logic with Low Power Dissipation” in International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE), Volume 4, Issue 4, April 2016.

#### **Students Activities:**

#### **Prizes and Awards:**

- ❖ Mr.R.Vignesh of final year “B” section won first prize for the paper presented on “Automobiles Safety System” in National level technical symposium at Arunai College of Engineering, Thiruvannamalai on 4<sup>th</sup> January 2016.
- ❖ Ms.N.Kirubashankari and Ms.V.Lawanya of final year “A” section won first prize for the paper “Reinforcement Learning with Particle filter (RLPF)” in National Conference on Research and Development in Science, Engineering and Technology at St.Anne's College of Engineering and Technology, Panruti on 26<sup>th</sup> February 2016.
- ❖ Ms.R.Kalpana, Ms.A.Manonmani and Ms.A.Agisha of final year “A” section won first prize for the paper “Passenger Destination Alert System and Fire Accident Control in Train” in Major Project Contest-2016 at our college on 6<sup>th</sup> March 2016.

- ❖ Mr.S.Vijayanand and Mr.M.S.Karunakaran of final year “A” section won third prize for the paper “Fault Monitoring in Transformer” in National level technical symposium at Annai Teresa College of Engineering, Thirunavalur on 12<sup>th</sup> March 2016.
- ❖ Ms.M.Gomathi and Ms.A.Gokila of final year “A” section won third prize for the paper “Vision Guided Robot for Object Tracking based on Color and Shape” in National level technical symposium at MRK Institute of Technology, Kattumannarkoil on 17<sup>th</sup> March 2016 and won third prize in internal paper presentation at our college held on 30<sup>th</sup> March 2016.
- ❖ Ms.S.Sornapriya and Ms.P.Swarnalakshmi of third year “B” section won third prize for the project in Project Innovative Expo titled “Digital Visitor Counter” in National level technical symposium at University College of Engineering, Villupuram on 23<sup>rd</sup> and 24<sup>th</sup> March 2016.
- ❖ Ms.G.Hemalatha and Ms.A.Elavarasi of final year “A” section won second prize for the project titled “Active Electronic Camouflage based Armoured Vehicle” in National level “Project Expo” at IFET College of Engineering, Villupuram on 28<sup>th</sup> March 2016 and won first prize in Internal Paper Presentation at our college held on 30<sup>th</sup> March 2016.
- ❖ Mr.M.Abinesh and Mr.R.Hemanthkumar of third year “A” section won second prize in “Circuit Debugging and Management Studies” and Ms.A.Kavitha of third year “A” section won the first prize in “Management Studies” in International technical symposium held at Maharaja Engineering College on 29<sup>th</sup> March 2016.
- ❖ Mr.S.Ramkumar and Mr.R.Vignesh of final year “B” section won second prize for the paper titled “Avoid Dry Running of Electrical Motor using

Microcontroller” and Ms.A.Gokila and Ms.M.Gomathi of final year “A” section won third prize for the paper titled “Vision Guided Robot for Object Tracking” in Internal Paper Presentation held at our college on 30<sup>th</sup> March 2016.

- ❖ Ms.A.Agisha and Ms.A.Manonmani of final year “A” section won “Best Paper Award” for the paper titled “Passenger Destination Alert System & Fire Control in Train” in National Conference at Adhiparasakthi Engineering College, Melmarvathur on 30<sup>th</sup> March 2016.
- ❖ Ms.B.Dhivyabharathi and Ms.K.Elackiya of final year “A” section won second prize for the paper titled “Intelligent Auto Rule Following Smart card using Solar and Wind Energy”, Ms.S.Bakkialakshmi and Ms.A.Gayathridevi of final year “A” section won third prize for the paper titled “Solar Power Fencing System for Agriculture Protection using GSM” in National conference at SKP Engineering College, Tiruvannamalai on 2<sup>nd</sup> April 2016.

#### **Paper Presentation:**

- ❖ Ms.S.Anbumani and Ms.B.Dhivyabharathi of final year “A” section presented the paper titled “Embedded based web server monitoring system”, Ms.B.Manobharathi and Ms.K.Mahalakshmi of final year “A” section presented the paper titled “Airline Defence Improvement Strategies using GPS and Swarm Technology”, Ms.P.Durgadevi and Ms.S.Devisujasri of third year “A” section presented the paper titled “Nano Technology in Cancer Treatment”, Ms.T.Kalaivani and Ms.P.Madhumitha of third year “A” section presented the paper titled “High End Embedded System using Cryptography Algorithm”, Ms.K.Madhubala and Ms.S.Jayapriya of third year “A” section presented the paper titled “E

Wastage”, Mr.V.Hariharan, final year and Ms.J.Lalitha Malgothra, third year presented the paper titled “Renewable Energy Resources Space based Solar Satellite”, Ms.K.Sasikala and Ms.P.Sneka of third year 'B' section presented the paper titled “Evolution of Social Media”, Ms.R.Vimalshri and Ms.M.Swathika of third year 'B' section presented the paper titled “Brain Finger Printing Technology using Image Processing”, Ms.A.Pavithra and Ms.R.Shopana of third year 'B' section presented the paper titled “ICT for Rural Development”, Ms.I.Sundari and Ms.R.Vanmathi of third year 'B' section presented the paper titled “Virtual Private Network”, Ms.P.Sankari and Ms.M.Priyanga of third year 'B' section presented the paper titled “Social Media and its Predictions”, Ms.E.Nivetha and Ms.P.Swarnalakshmi of third year 'B' section presented the paper titled “Role of Power Electronics in Green Energy Technology”, Mr.M.Priyamudhan and Mr.S.Santhosh of third year 'B' section presented the paper titled “Artificial Vision using Embedded System”, Ms.K.Subasri, Ms.H.Yogalakshmi and Ms.K.Yogeshwari of second year “B” section presented the paper titled “Technical Revolutions of Social Media” and Ms.T.Sangeetha, Ms.A.Reshma and Ms.J.Sathiyapriya of second year “B” section presented the paper titled “ICT for Rural Development” in 15<sup>th</sup> ISTE Tamilnadu and Puducherry Section Annual Convention 2016 at Anand Institute of Higher Technology Chennai on 13<sup>th</sup> February 2016.

- ❖ Mr.J.Mohamed Ismayil of third year 'A' section presented the paper titled “Wireless Sensor Network based Smart Home” in National level technical symposium at Sri Manakula Vinayagar College of Engineering and Technology on 17<sup>th</sup> February 2016.

- ❖ Ms.B.Kayalvizhi and Ms.S.Boomadevi of final year 'A' section presented the paper titled “Design of Context Aware Smart Home Energy Management System using RFID” in National conference at St.Anne's College of Engineering and Technology on 26<sup>th</sup> February 2016.
- ❖ Ms.P.Madhumitha and Ms.D.Lalitha of third year 'A' section presented the paper titled “Pill Camera”, Mr.V.Hariharan and Mr.A.Arun of third year 'A' section presented the paper titled “Long Term Evolution (4G)” and Ms.T.Akila and Ms.K.Lakshmipriya of third year 'A' section presented the paper titled “Google Glass” in National level technical symposium at Sri Ganesh Engineering College on 3<sup>rd</sup> March 2016.
- ❖ Ms.T.Akila and Ms.A.Elakkiya of third year 'A' section presented the paper titled “RATBOT” in National level technical symposium at Annai Teresa College of Engineering, Thirunavalur on 12<sup>th</sup> March 2016.
- ❖ Ms.A.Manonmani and Ms.A.Agisha of final year 'A' section presented the paper titled “Avoidance of Fire Accident in Running Train” in National level technical symposium at MRK Institute of Technology on 17<sup>th</sup> March 2016.
- ❖ Ms.R.Vimalshri and Ms.M.Swathika of third year 'B' section presented the paper titled “Intelligent Transport system”, Ms.I.Sundari and Ms.R.Vanmathi of third year 'B' section presented the paper titled “Big data” and Ms.P.Sankari and Ms.M.Priyanga of third year 'B' section presented the paper titled “Soil Analysis Robot with Self-Localization”, Ms.V.Priyanga and Ms.D.Radhika of second year 'A' and 'B' sections presented the paper titled “Electronic Nose for Accident Prevention” and Ms.K.Subasri and Ms.M.Yogalakshmi of second year 'A' and 'B' sections presented the paper titled “Android based Girl's Safety App using Location Tracking & Emergency Support System” in National level technical symposium at MRK Institute of Technology on 17<sup>th</sup> March 2016.
- ❖ Ms.S.Bakkialakshmi, Ms.A.Gayathridevi and Ms.R.Deepa of final year 'A' section presented the paper titled “Solar Power Fencing system for Agriculture Protection using GSM”, Ms.K.Banupriya and Ms.A.Gokila of final year 'A' section presented the paper titled “Vision Guided Robot for Object Tracking based on Colour & Shape”, Ms.B.Kayalvizhi of final year 'A' section presented the paper titled “Automatic Wall Painting and Crack Detection Robot based on Raspberry PI”, Ms.E.Nivetha, Ms.A.Pavithra and Ms.R.Shopana of third year 'B' section presented the paper titled “Detection of Movement of COMA Patient using FSR” and Ms.D.Lalitha of third year 'A' section presented the paper titled “Cloud Computing” in National level technical symposium at University College of Engineering, Villupuram on 23<sup>rd</sup> and 24<sup>th</sup> March 2016.
- ❖ Ms.A.Elavarasi, Ms.G.Hemalatha and Ms.S.Jayapratha of final year 'A' section presented the paper titled “Active Electronic Camouflage based Armoured Vehicle”, Ms.A.Priya, Ms.K.Saipriya and Ms.S.Shanmugapriya of final year 'B' section presented the paper titled “PLC based Smart Green Home system” and Ms.P.Ramya, Ms.K.Sangeetha, Ms.N.Nanthini and Ms.R.Sumathi of final year 'B' section presented the paper titled “Dual field ECC Crypto Processor against DPA attack” in National level conference at Saranathan Institute of Technology on 31<sup>st</sup> March 2016.
- ❖ Mr.K.Rajasekar of final year 'B' section presented the project titled “Smart Working Stick for Visually Impaired people” in National level

“Project Expo” held at SKP Engineering College on 1<sup>st</sup> April 2016.

- ❖ Ms. B. Manobharathi, Ms. K. Mahalakshmi and S. Anbumani of final year 'A' section presented the paper titled “Emergency based Speed Breaker using Voice Recognition System” and Ms. M. Gomathi, Ms. K. Banupriya and Ms. A. Gokila of final year 'A' section presented the paper titled “Smart Shopping Cart Robot with Automatic Billing System” in National conference at SKP Engineering College on 2<sup>nd</sup> April 2016 and in Regional Conference at MRK Institute of Technology, Kattumannarkoil on 7<sup>th</sup> April 2016.
- ❖ Ms.V.Abinaya, Ms.S.Abinethri, Ms.T.Akila, Ms.K.Kanaga, Ms.A.Kavitha, Ms.A.Lakshmi, Ms.P.Durgadevi, Ms.M.Girija, Ms.S.Gomathi and Ms.T.Kalaivani from third year ECE 'A' attended the Mini Project Training organized by TCIL-Puducherry from 27<sup>th</sup> to 30<sup>th</sup> June 2016.

#### **Publications:**

- ❖ Ms. G. Saranya, Ms. V. Lawanya and Ms.N.Kirubashankari of final year 'A' section published a paper titled “Nested Reinforcement Learning for Leukemia” in International Journal of Latest Research in Engineering and Technology, Volume 2, Issue No 3, March 2016.
- ❖ Ms. V. Seetha, Ms. B. Kayalvizhi and Ms. V. Lawanya of final year 'A' section published a paper under the guidance of Mr. P. Paruthi Ilam Vazhuthi, Assistant Professor titled, “Automatic Wall Painting and Crack Detection Robot based on Raspberry PI” in CIIT Automation and Autonomous System, Volume 8, Issue 2, March 2016.
- ❖ Ms. R. Kalpana, Ms. A. Manonmani and Ms. A. Agisha of final year 'A' section published a paper titled “Automatic Fire Accident Control and Passenger Destination Alert System in Train.” in International Journal & Magazine of

Engineering & Technology, Management and Research, ISSN: 2348 – 4845, April 2016.

- ❖ Ms. V. Seetha, Ms. B. Kayalvizhi and Ms. V. Lawanya of final year 'A' section published a paper under the guidance of Mr. P. Paruthi Ilam Vazhuthi, Assistant Professor, titled “Development of Robot for Automatic Wall Painting, Writing, Drawing and Crack Detection” in International Science and Research journals, Volume 2, Issue 1, April 2016.

#### **DEPARTMENT OF CIVIL ENGINEERING**

##### **Staff Activities:**

##### **Conference Presentation / Workshop Participation:**

- ❖ Ms. K. Sowmiya and Ms. K. Sathya, Assistant Professors attended one week Faculty Development Programme on “Introduction to Structural Engineering” at Arunai Engineering College, Thiruvannamalai from 4<sup>th</sup> to 9<sup>th</sup> January 2016.
- ❖ Mr. R. Karthikeyan, Mr. K. Yuvarajan and Mr. K. Elayaraja, Assistant Professors attended one week Faculty Development Programme on “Soil Mechanics” at Adhiparasakthi Engineering College, Melmaruvathur from 19<sup>th</sup> to 25<sup>th</sup> January 2016.
- ❖ Mr. V. Tamilselvan and Mr. M. Shyamkumar, Assistant Professors presented a paper “Behaviour of Bacterial Fibre Concrete” in National level conference organised by PB College of Engineering, Chennai on 12<sup>th</sup> March 2016.
- ❖ Ms. G. Yamuna and Mrs. S. Sinthana Gorky, Assistant Professors attended one day workshop on “Introduction to Research: Preparation of Research Proposal and Journal Articles” organised by KPR Institute of Engineering and Technology, Coimbatore on 24<sup>th</sup> June 2016.
- ❖ Ms. K. Saranya, Assistant Professor attended one

week TEQIP sponsored Faculty Development Programme on “Recent Trends in Industrial Effluent Treatment” at Pondicherry Engineering College from 23<sup>rd</sup> to 28<sup>th</sup> June 2016.

#### **Paper Publications:**

- ❖ Ms.G.Yamuna, Assistant Professor published a paper “Impacts of Climate Change in the Developing World” in the Indian Journal of Science and Technology, ISSN: 0974-6846 Vol.9 (6) on February 2016.

#### **Students Activities:**

##### **Technical Events:**

- ❖ Mr. R. Bavithran and Mr.N. Sasikumar of final year presented a paper on “A study and Analysis of Existing Road Junction” in the Second National conference organised by Kongunadu College of Engineering & Technology on 24<sup>th</sup> March 2016.

### **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

#### **Staff Activities:**

##### **Conference Presentation/Workshop/ Seminar Participations:**

- ❖ Mr.M.BalaAnand and Ms.R.Gayathri, Assistant Professors attended five days TEQIP, Phase II sponsored Short Term Training Program on “Recent Trends in Optimization Techniques and Applications” at Pondicherry Engineering College from 4<sup>th</sup> to 8<sup>th</sup> January 2016.
- ❖ Ms. N. Kavitha, Associate Professor & Ms.C.Leena and Mr.N.Gobinathan Assistant Professors attended two days Faculty Development Programme on “Mobile Application Development” sponsored by Indian Society for Technical Education(ISTE) at Sri Sai Ram Engineering College, Chennai on 8<sup>th</sup> and 9<sup>th</sup> January 2016.
- ❖ Mr.M.BalaAnand, Assistant Professor attended DST sponsored ten days training program on “Big

Data Analytics” at Hindustan University from 13<sup>th</sup> to 24<sup>th</sup> March 2016.

- ❖ Ms. N. Kavitha, Associate Professor attended ISRO sponsored two days National level seminar on “Internet of Things– Early Warning System” organized by Department of Computer Science, IFET College of Engineering on 11<sup>th</sup> and 12<sup>th</sup> April 2016.
- ❖ Ms. N. Kavitha, Associate Professor, Mr. A. Daison Raj, Ms. C. Leena, Mr.N.Gobinathan, Mr.V.Vinothraj and Ms. R. Gayathri Assistant Professors participated in ICMR sponsored National level seminar on “Recent Development in Machine Learning Process for Screening and Diagnosis of Autism using Rapid Miner” at our college on 5<sup>th</sup> and 6<sup>th</sup> May 2016.
- ❖ Mr.N.Gobinathan and Mr.K.Veeramanikandan, Assistant Professors attended two days Faculty Development Programme on “Data Mining and Grid Computing Lab” at A.V.C. College of Engineering, Mannampandal on 24<sup>th</sup> and 25<sup>th</sup> May 2016.
- ❖ Ms. N. Kavitha, Associate Professor attended two days workshop on “Cryptography & Security Lab” organized by Department of Computer Science, A.V.C. College of Engineering on 30<sup>th</sup> and 31<sup>st</sup> May 2016.
- ❖ Mr.M.BalaAnand and Mr.V.Vinothraj, Assistant Professors attended DST sponsored ten days training program on “Big Data Analytics” at Kongu Engineering College from 06<sup>th</sup> to 17<sup>th</sup> June 2016.
- ❖ Mr.V.Vinothraj, Assistant Professor attended one day International workshop on “Preparation of Technical Articles and Research Proposals” at University College of Engineering, Villupuram on 04<sup>th</sup> January 2016 and attended seven days Faculty Development Programme on “Graph Theory and its Applications” at St.Joseph's

College of Engineering, Chennai from 27<sup>th</sup> May to 03<sup>rd</sup> June 2016.

- ❖ Mr.N.Gobinathan and Mr.K.Veeramanikandan, Assistant Professors attended seven days Faculty Development Programme on “Data Analytics” at E.G.S Pillay Engineering College, Nagapattinam from 06<sup>th</sup> to 12<sup>th</sup> June 2016.
- ❖ Mrs. J. K. Jothikalpana, Professor and Mr. A. Daison Raj and Ms. R. Gayathri Assistant Professors participated in one week Faculty Development Programme on “CS6504-Computer Graphics” at University College of Engineering, Villupuram from 10<sup>th</sup> to 16<sup>th</sup> June 2016.
- ❖ Mr.M.BalaAnand, Assistant Professor attended DST sponsored ten days training program on “Big Data Analytics” at VIT University, Vellore from 20<sup>th</sup> to 29<sup>th</sup> June 2016.
- ❖ Mr. A. Daison Raj, Assistant Professor attended one week Short Term Training Programme on “Emerging Trends and Challenges in Data Science and Big Data Analytics” at Pondicherry Engineering College, Puducherry from 23<sup>rd</sup> to 29<sup>th</sup> June 2016.
- ❖ Mr.M.Sabareesan and Mr.N.Gobinathan, Assistant Professors attended two days Faculty Development Programme on “Introduction to Cloud infrastructure and services” sponsored by ICT Academy of Tamil Nadu(ICTACT) at DMI College of Engineering, Chennai on 23<sup>rd</sup> and 24<sup>th</sup> June 2016.
- ❖ Mr.P.Karunanidhi, Professor, Ms.C.Leena and Mr.M.Sabareesan, Assistant Professors attended two days Faculty Development Programme on “Introduction to Mobile Application Development” sponsored by ICT Academy of Tamil Nadu (ICTACT) at Manakula Vinayagar Institute of Technology, Puducherry on 29<sup>th</sup> and 30<sup>th</sup> June 2016.

### **Journal Publications:**

- ❖ Mr.M.BalaAnand, Assistant Professor presented a paper “Big Data Analytics on Online Shopping to find Highest Peak Product in Future” in International Conference on Intelligent System & Control, sponsored by IEEE, organized at Karpagam College of Engineering, Coimbatore on 8<sup>th</sup> January 2016.
- ❖ Ms. C. Leena, Assistant Professor published a paper “An Enhanced Voice Mail for Blind People” in Coimbatore Institute of Information Technology (CIIT), Volume 8, Issue 1, January 2016.
- ❖ Ms. N. Kavitha, Associate Professor published a paper titled “Blood Leakage Monitoring System for the Applications in Haemodialysis Therapy by using IEEE 802.15.4 standard” in National Conference at Adhiparasakthi Engineering College on 30<sup>th</sup> March 2016.
- ❖ Mr.N.Gobinathan, Assistant Professor published a paper titled “In Cloud Computing Environment Avoid DDoS attacks by an Effective Layers Load Balance Defensive Mechanism” in Coimbatore Institute of Information Technology (CIIT), CIIT-IJ-6723, June 2016.
- ❖ Mr.M.Sabareesan, Assistant Professor published a paper "Cloud Data Auditing and Deduplication by Implementing Bit Exchange Method to the SecCloud+" in International Research Journal of Engineering and Technology (IRJET) Volume 3, Issue 4, April 2016.

### **Students Activities:**

#### **Conference Presentations:**

- ❖ Ms. M.Keerthana, Ms.P.Dhivya and Ms. S. Hemalatha, final year presented a paper "Enhanced Speech based Vmail for Visually Impaired People", Ms. P. Manjama Devi, final year presented a paper titled “Real Time

Controlled Autonomous Systems using Arduino Duemilanove” and Ms.M.KosalaiDevi, Ms.M. Abinaya and Ms.K.Kalaiyarasi, final year students presented a paper “Integration Disease Diagnosis using Machine Learning and Evidence Medicine Drug Identification” in National Conference at St. Anne's College of Engineering and Technology, Panruti on 26<sup>th</sup> February 2016.

### **Industrial Projects:**

- ❖ Ms. R. Sujatha, Ms. B. Lekka and Ms. U. Saranyadevi, final year did an industrial project under the guidance of Mr. M. Sabaresan, Assistant Professor on “Providing Enhanced Protection for Human Beings through Wireless Sensor Networks” at PLC Technologies, Chennai during the academic year 2015 -2016.

### **Paper Presentation:**

- ❖ Ms. S. Sangeetha and Ms. A. Rishiya, second year presented a paper on “Big Data Analytics with Cassandra Database” and won first prize, organized by Computer Society of India (CSI) Tamilnadu State Student Convention-2016 at A.V.C College of Engineering, Mayiladuthurai on 26<sup>th</sup> and 27<sup>th</sup> February 2016.
- ❖ Ms. S. Srimathi and Ms. S. Sangeetha, second year presented a paper "Big Data Analytics with Cassandra Database” and won 2<sup>nd</sup> prize, Ms. D. Kothai and Ms. V. Mathina devi, third year presented a paper “Mobile Computing”, Ms. S. Preethi and Ms. S. Vennila, third year presented a paper “Intelligent Transportation System using Mobile Grid”, Ms. N. Suganya and Ms. P. Sivaneswari, final year presented a paper “LI-FI Technology”, Ms. S. Sowmiya, final year presented a paper “Continuous and Transparent User Identity Verification”, Ms. A. Sivaranjani, final year presented a paper “Enabling Volunteered Geographic Sharing for

- Emergency”, Ms. P. Shanthipriya, final year presented a paper “Intelligent Accident Avoidance System”, Ms. P. Shanthipriya, final year student participated in “Debugging”, Ms. R. Ramya and Ms. E. Santhi, final year presented a paper “Co-Extracting Option Target and Opinion Words from Online Reviews based on the WAM”, Ms. P. Sasikala and Ms. S. Gracia Rosalin Sophie, third year presented a paper “Big Data and Semantic Web Technology”, Ms. R. Gayathri and P. Gayathri, third year presented a paper “Artificial Intelligence and its Applications in Different Areas”, Ms. G. Banupriya, third year presented a paper “Human Intelligence and the Need of Artificial Intelligence”, Ms. S. Anusuya, third year presented a paper “Image Processing Events” and Mr. J. Jayasriram, third year presented a paper “Big Data,” Ms. P. Shanthipriya, final year participated in Technical Quiz and secured first prize and Ms. D. Kothai, Mr. G. Kuberan, Ms. S. Preethi, Ms. S. Vennila and Ms. V. MathinaDevi, third year participated in “Technical Quiz and Debugging” in 19<sup>th</sup> National level technical symposium at Annai Teresa College of Engineering, Villupuram on 12<sup>th</sup> March 2016.
- ❖ Ms. S. Preethi, third year presented a paper “Accident Avoidance System using Monopoles” in National level technical symposium at MRK Institute of Technology, Kattumannarkoil, on 17<sup>th</sup> March 2016.
- ❖ Mr. R. Rajaram and Mr. B. Rajasekar, final year presented a paper “Avoidance of Accident using ARM7”, Ms. M. Dhanusri, Ms. G. Deviga and Ms. A. Kogilambal, final year students presented a paper on “Performance Analysis of student Automatic Attendance Management and Listening Capability” in National level technical symposium at University College of Engineering, Villupuram on 18<sup>th</sup> and 19<sup>th</sup> March 2016.

- ❖ Ms.K.Kowsalya, Ms.H.Karthika and Ms. C.Divya, final year presented a paper “Ranking Online Mobile APPS based on User's Usage Count and Ratio based Evidence”, Ms.M.Dhanusri, final year student presented a paper “Issues and Challenges in Big Data Analytics”, Ms.S.Srimathi and Ms.A.Iswarya, second year presented a paper "Cloud computing” and won first prize, Ms.P.Gayathri and Ms.R.Gayathri, third year students presented a paper “EyePhone”, Ms. G.Deviga, final year student presented a paper “Performance Analysis of student's Listening Capability and Automatic Attendance Management” and Ms. S.Gracia Rosalin Sophie, third year presented a paper “Advanced Quantum Computing” in 6<sup>th</sup> National level technical symposium at University College of Engineering, Villupuram on 23<sup>rd</sup> and 24<sup>th</sup> March 2016.
- ❖ Mr. G. Kuberan and Mr. R. Venkatesh, third year presented a paper “Mobile Computing” organized by Computer Society of India (CSI) Tamilnadu State Student Convention-2016 at A.V.C College of Engineering, Mayiladuthurai on 26<sup>th</sup> & 27<sup>th</sup> February 2016.

#### **Project Expo:**

- ❖ Ms.M. Abinaya and Ms.K.Kalaiyarasi, final year presented a project titled “Scalable Recognition for Mammographic Masses with Vocabulary Tree”, Ms. M. Rubina Begam and Ms.M.Suganya, final year presented a project titled “License Plate Identification Using Artificial Neural Network and Wavelet Transformed Feature Selection”, Ms.M.Suganya, final year presented a project titled “Recommendation System based on Clustering and Collaborative Filtering” and Ms. R. Sujatha, Ms. B. Lekka and Ms.U.Saranyadevi, final year presented a project titled “Providing Enhanced Security for Human being through Wireless Sensor” under the guidance of Mr.M.Sabareesan, Assistant Professor, in National level “Project Expo” conducted by the Department of Computer Science and Engineering, IFET College of Engineering and Technology, Villupuram on 28<sup>th</sup> March 2016.

#### **In-plant Training:**

- ❖ Ms. R.Ramya, final year student attended two days In-plant training on “Cloud Computing Technology” at PLC technologies, Chennai on 22<sup>nd</sup> and 23<sup>rd</sup> January 2016.
- ❖ Mr. B. Arunraj, Mr. S. Balaji, Mr. J. Jayasriram, Mr. G. Kuberan, Mr. R. Venkadesh, Mr. V. Venugopal, Mr. T. Vinothkumar Mr. K. Vivek and Ms.C.RajaRajeshwari, third year attended In-plant training on “Manufacturing Operations” at Lenovo (India) Pvt. Ltd., Puducherry from 23<sup>rd</sup> to 31<sup>st</sup> January 2016.
- ❖ Mr. T. Suresh Kumar, Mr. V Prabhakaran, Mr. P. S. Balaji and Mr. P. Gurunathan, second year students attended one day In-plant training on “Insight in Techniques of Programming Languages and Personality Development Program” at HMAX Technologies, Puducherry on 28<sup>th</sup> January 2016.
- ❖ Ms.A.Illakiya, Ms.S.Gracia Rosalin Sophie, Ms.P.Gayathri, Ms. R.Gayathri, Ms.P.Sasikala, Ms.J.HoneyPreethi and Ms.S.Devi, third year attended In-plant training on “Java” at JP InfoTech, Puducherry from 20<sup>th</sup> to 22<sup>nd</sup> June 2016.
- ❖ Ms.B.Vijayalakshmi, Ms.S.Vennila, Ms.K.Agila, Ms. D. K o t h a i, Ms. N . N a r m a d h a, Ms.P.Sathiyalakshmi, Ms.S.Aishwarya, Mr.G. Kuberan, Mr. R. Venkatesh, Mr. T.Vinothkumar, Ms.P.Vidhya, Mr. V. Venugopal, and Ms.V.Mathinadevi, third year attended three days In-plant training on “Photoshop” at Akash Animation, Puducherry from 23<sup>rd</sup> to 25<sup>th</sup> June 2016.

- ❖ Ms.A.Rishiya, Ms.S.Sangeetha, Ms.A.Ishwarya, Ms.C.Karpagam, Ms S.Srimathi, and Ms.J.Sharmili, second year attended In-plant training on “Web Designing” at Dreamer India Innovation, Villupuram on 1<sup>st</sup> July 2016.

#### **Patent:**

- ❖ Mr. R.Rajaram, final year CSE student has applied two patents titled “A Method for Generating Electricity by Passing High Wind Velocity Generated by Sending Wind” and “A Method for Generating Electricity by Sending Wind inside of the Fast Moving Train by Channelling” in the month of March 2016.

### **DEPARTMENT OF INFORMATION TECHNOLOGY**

#### **Association activities:**

- ❖ Department of Information Technology and Research and Development Committee jointly organized Indian Council of Medical Research (ICMR) sponsored two days National level seminar on “Recent Developments in Machine Learning Process for Screening and Diagnosis of Autism using Rapid Miner” on 5<sup>th</sup> and 6<sup>th</sup> May 2016.

#### **Staff Activities:**

#### **Journal Publications:**

- ❖ Mr.P.Manivannan, Assistant Professor published a paper “Big Data in Cloud Computing and its Security Issues” in CIIT International Journal of



Data Mining and Knowledge Engineering, ISSN 0974–9578, Volume: 08 Issue: 02, March 2016.

- ❖ Mr.S.Bharathiraja, Assistant Professor and Head I/C and Mrs.G.Sumalatha, Assistant Professor published a paper “Implementation of Real Time Video Streamer System in Cloud” in International Journal of Engineering and Applied Sciences, ISSN 2394-3661, Volume:03 Issue:04, April 2016.
- ❖ Mr.K.Ramesh, Assistant Professor published a paper “Real Time Traffic Analysis of Online Social Networks” in CIIT International Journal of Networking and Communication Engineering, ISSN 0974 – 9578, Volume: 08 Issue: 04, April 2016.
- ❖ Mr.S.Balaji, Assistant Professor published a paper “Secure Data Sharing in Cloud without Certificate Verification Process using ID-Based Proxy Ring Signature” in CIIT International Journal of Data Mining and Knowledge Engineering, ISSN 0974 – 9578, Volume: 08 Issue: 04, April 2016.

#### **Conference Presentations / Workshop Participations:**

- ❖ Mr.S.Balaji, Assistant Professor attended ISTE sponsored FDP on "Mobile Application Development Laboratory" at Sri Sai Ram Engineering College, Chennai on 8<sup>th</sup> and 9<sup>th</sup> January 2016.
- ❖ Mr.K.Ramesh, Mr.P.Manivannan and Mr.S.Balaji Assistant Professors attended workshop on “Mobile Application Development” at Annamalai University, on 30<sup>th</sup> January 2016.
- ❖ Mr.S.Bharathiraja, Assistant Professor and Head I/C and Mrs.G.Sumalatha, Assistant Professor attended National Museum of Health and Medicine (NMHM) sponsored research promotion workshop on “Graph Theory and its Applications in Big Data Analytics” at Kongu

Engineering College, Erode from 11<sup>th</sup> to 13<sup>th</sup> February 2016.

- ❖ Mr.S.Bharathiraja, Assistant Professor and Head I/C, Mrs.G.Sumalatha and Mr.S.Balaji Assistant Professors attended ISTE sponsored workshop on “Design of Experiments” at Sri Venkateswara College of Engineering, Sriperumbudur on 12<sup>th</sup> March 2016.
- ❖ Mr.S.Bharathiraja, Assistant Professor and Head I/C and Mrs.G.Sumalatha, Assistant Professor attended Department of Bio Technology (DBT) sponsored National level seminar on “Data Science: Scope of Big Data in Genomic Sequencing and Diagnostic Imaging” at Kongu Engineering College, Erode on 19<sup>th</sup> March 2016.
- ❖ Mrs.A.Niranjana Devi, Professor attended ISRO sponsored two days National level seminar on “Internet of Things – Early Warning System” at IFET College of Engineering, Villupuram on 11<sup>th</sup> and 12<sup>th</sup> April 2016.
- ❖ Mr.P.Manivannan Assistant Professor attended workshop on “Embedded Systems using ARM Controller” at St.Anne's College of Engineering and Technology, Panruti on 9<sup>th</sup> and 10<sup>th</sup> June 2016.
- ❖ Mr.K.Ramesh, Assistant Professor attended ICTACT sponsored two days workshop on “Mobile Application Development” at Sri Manakula Vinayagar Institute of Technology, Puducherry on 29<sup>th</sup> and 30<sup>th</sup> June 2016.

#### **Students Activities:**

#### **Paper Presentation:**

- ❖ Ms.M.Sowmiya and Ms.M.Mugilmathi of final year presented a paper “Big Data in Cloud Computing” in National conference at St.Anne's College of Engineering and Technology, Panruti on 26<sup>th</sup> February 2016.
- ❖ Ms.R.Sanjana and Ms.P.Manjuparkavi of final year presented a paper “Multiple Service Provider

Scheme over Large Environment Mashup” and Ms.R.Priyanka and Ms.S.Kalaivani of final year presented a paper “Identity based Encryption with Outsourced Envocation” in National level technical symposium at Annai Teresa College of Engineering, Thirunavalur on 12<sup>th</sup> March 2016.

- ❖ Ms.A.Deepa and Ms.R.Dharani of final year presented a paper “Live Video Streaming System using Raspberry PI with Cloud Server” in National level technical symposium at Adhiparasakthi Engineering College, Melmaruvathur on 15<sup>th</sup> March 2016.
- ❖ Ms.M.Sowmiya of final year presented a paper “Home Automation System using IOT” and Mr.S.Karthick and Mr.P.Radhakrishnan of final year presented a paper “Cloud based Big Data Analytics Framework” and won second prize in ISTE sponsored National level technical symposium at Adhiyamaan College of Engineering, Hosur on 24<sup>th</sup> March 2016.

#### **Project Contest:**

- ❖ Mr.S.Karthick and Mr.P.Radhakrishnan of final year presented a project on “Cloud based Big Data Analytics Framework for Face Recognition in Social Networks using Machine Learning” and won third prize, Ms.M.Sowmiya of final year presented a project on “Home Automation System using IOT”, Mr.S.Siva and Mr.V.Prakash of final year presented a project on “Interacting Opinion Targets and Opinion Words from Online Review based on Word Alignment Model” and Mr.R.Vinoprabu and Mr.V.Thiruvikraman of final year presented a project on “Real Time Detection of Traffic from Twitter Stream Analysis” in ISTE sponsored National level technical symposium at Adhiyamaan College of Engineering, Hosur on 24<sup>th</sup> March 2016.
- ❖ Ms.M.Vinodhini, Ms.S.Sivaranjani and Ms.K.Gugapriya of final year presented a project on “An Intelligent Vehicular Detection System

for Finding Stolen Vehicle” and won first prize in National level Project Expo at IFET College of Engineering on 28<sup>th</sup> March 2016.

### **Paper Publications:**

- ❖ Ms.A.Helan of final year published a paper “Privacy Preserving Public Auditing over the Encrypted Cloud” in International Journal of Advanced Research in Computer Science and Engineering Technologies, ISSN 2454 – 9924, Volume 02, Issue 03, March 2016.
- ❖ Ms.M.Vinodhini, Ms.S.Sivaranjani and Ms.K.Gugapriya of final year published a paper “An Intelligent Vehicular Detection System for Finding Stolen Vehicle”, Mr.R.Vagulabranan, Mr.M.Karthikeyan and Ms.V.Sasikala of final year published a paper “Automatic Irrigation System on Sensing Soil Moisture Content” and Mr.S. Siva and Mr.V.Prakash of final year published a paper “Extracting Opinion Targets and Words from Customer Reviews based on the Word Alignment Model” in International Research Journal of Engineering and Technology, ISSN 2395 – 0056, Volume 03, Issue 03, March 2016.
- ❖ Ms.S.Srikurinji, Ms.U.Prema and Ms.S.Sathya of final year published a paper “Smart Parking System Architecture using Infra-red Detector” in International Journal of Advanced Information and Communication Technology, ISSN 2348 – 9928, Volume 02, Issue 11, March 2016.

## **DEPARTMENT OF SCIENCE AND HUMANITIES**

### **Workshop/Seminar/FDP Participation:**

- ❖ Ms.G.Gowri shanmugapriya, Assistant Professor in Physics participated in one day workshop on “NPTEL” at RajivGandhi College of Engineering and Technology, Puducherry on 11<sup>th</sup> January 2016.
- ❖ Mr.K.Sivakumar, Assistant Professor in

Management participated in one day Orientation Programme for NSS officers and NSS Volunteers conducted by the National Service Scheme, Anna University Chennai on 23<sup>rd</sup> February 2016.

- ❖ Mr.T.Sankar & Ms.M.Suriyaa, Assistant Professors presented a paper in state level seminar on “Cultural Gap in the Select Novels of Jhumpa Lahiri” at Theivanai Ammal College for Women, Villupuram on 10<sup>th</sup> March 2016.
- ❖ Dr.N.Manivannan, Mrs.G.Vasunthradevi, Mrs.R.Kavitha, & Mr.P.Ganesan, Assistant Professors in Chemistry, and Mr.K.Virudhagiri, Assistant Professor in Management participated in two days National level seminar on “Recent Advances in Orthopedic Implant using Nano Technology” conducted at our college on 9<sup>th</sup> and 10<sup>th</sup> May 2016.
- ❖ Mrs.G.Vasunthradevi & Mrs.R.Kavitha, Assistant Professors in Chemistry participated in National level workshop on “Metrics on UV-Visible Spectroscopy” conducted by IFET College of Engineering, Villupuram on 18<sup>th</sup> June 2016.

### **Conference Presentation:**

- ❖ Mr.A.Senthamizhan, Associate Professor in Physics Presented papers titled “Anti Inflammatory Activities of Catharanthus Roesus Mixed with Neem Leaf Extract” in National conference on Drug Discovery & Therapy at Annamalai University on 7<sup>th</sup> and 8<sup>th</sup> January 2016, “Competency Building Strategies in Business and Technology for Sustainable Development” at Ganesh School of Business Management, Salem on 19<sup>th</sup> February 2016, “Growth & Characterization of pure and Doped D-Alanine Acetate Crystals” in International conference at Jamal Mohammed College, Thirchurapalli on 29<sup>th</sup> February 2016, “Synthesis, Growth & X-Ray Microhardness, Thermal, Dielectric &

Photoconductivity Studies of Pure & Lithium Sulphate Doped L-Alanine Acetate Single Crystals” in National Conference on Frontier areas in Applied Physics at Annamalai University on 27<sup>th</sup> April 2016 and participated ICMR sponsored National level seminar on “Recent Development in Machine Learning Process for Screening and Diagnosis of Autism Using Rapid Miner” at our college from 5<sup>th</sup> May to 6<sup>th</sup> May 2016.

#### **PLACEMENT CELL :**

##### **Cognizant Technology Solutions Corp**

Gomathi M	ECE 'A'
Anupriya T	CSE 'A'
Kayalvizhi B	ECE 'A'

##### **Infosys**

Kosalaidevi M	CSE 'A'
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##### **Eureka Forbes**

Raguraman R	Mechanical
Rajkumar P	Mechanical
Satheskumar S	Mechanical
Sathiyabharathi K	Mechanical
Shyamsrinarayanan R	Mechanical
Karthikeyan R	EEE
Saravanan R	EEE
Sathish Muthu S	EEE
Siva M	EEE
Kalaiyarsan S	EEE
Karthik Kumar T	EEE
Rajesh R	EEE
Silambarasan S	EEE
Sivaraman C	EEE
Rajesh S	Civil
Prabakaran S	CSE 'B'
Satheeskumar R	CSE 'B'
Maniraj P	ECE 'A'
Mohanraj M	ECE 'B'
Shahul Hameedh J	ECE 'B'

##### **Tata Communication**

Vinothini V	ECE 'B'
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##### **Rifluxys**

Divya C	CSE 'A'
Mohamed Rasheed M	CSE 'A'
Premalatha T	CSE 'B'
Rajaram S	CSE 'B'
Shanthi Priya P	CSE 'B'
Suganya M	CSE 'B'
Vaishali G.A	CSE 'B'
Vinoth Kumar S	CSE 'B'
Vagulabranan R	IT

##### **3Q Inspection & Engineering Services**

Anbarasan S	Mechanical
Kapildev S	Mechanical
Parthipan T	Mechanical
Thiyagarajan A	Mechanical
Vijayakumar A	Mechanical
Javith S	Mechanical
Nisar C	Mechanical

##### **IT Ware**

Karthika H	CSE 'A'
Vignesh R	CSE 'A'
Ramachandran A	CSE 'B'
Rubinabegam M	CSE 'B'
Sivaranjani A	CSE 'B'

##### **eAPPZ**

Manjamadevi P	CSE 'A'
Santhi E	CSE 'B'

##### **Flipper Clipp Power Systems**

Ambedkar P	EEE
Dharmalingam A	EEE
Rajeshwaran D	EEE
Sanjeevi E	EEE
Balaji P	EEE

##### **Sharp Design Solutions**

Mani Ganesh R	Mechanical
Parthipan R	Mechanical
Rajadurai K	Mechanical

Shyamsrinarayanan R Mechanical

Vijayakumar A Mechanical

### **Transforma Private Limited**

Aruna B CSE 'A'

Aswini Devi P CSE 'A'

Kopperundevi S CSE 'A'

Suganthi K CSE 'B'

Suganya N CSE 'B'

Abinaya R IT

Mugilmathi M IT

Vignesh R ECE 'B'

### **Axis Global Automation**

Karthikeyan R EEE

Siva M EEE

Karthik Kumar T EEE

Vimal D EEE

### **Vibrant NDT Services**

Rajkumar P Mechanical

Udhayakumar V Mechanical

Arunkumar S Mechanical

Thiyagarajan A Mechanical

Srinevasan T Mechanical

Satheshkumar S Mechanical

Nisar C Mechanical

Ravichandran R Mechanical

Javith S Mechanical

Sibiraj C Mechanical

Kapildev S Mechanical

Dhanalakshmi A EEE

Sivanya P ECE 'B'

### **Zealous Services**

Mohanraj M ECE 'B'

Sivanya P ECE 'B'

Sureka S ECE 'B'

Dhivya P CSE 'A'

Suganya N CSE 'B'

Sumanraj S CSE 'B'

### **HCL**

Vignesh R ECE 'B'

### **SDS Associates**

Udhayakumar S Civil

### **PSK Construction**

Ramesh K Civil

## **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 EEE from 22<sup>nd</sup> to 24<sup>th</sup> February 2016 and for the final year students of CSE from 31<sup>st</sup> March to 2<sup>nd</sup> April 2016.
- ❖ Er.A.Rajaraman, General Manager, District Industries Centre, Villupuram, delivered a lecture on “Role of Supporting Agencies in Entrepreneurship.”
- ❖ Mr.P.Sivakumar, CEO, Shriram Electro Chem Co, Pondicherry, delivered a lecture on “How to plan a small business? and What are the sources of information?”
- ❖ Mr.V.Raja, Proprietor of Raja Electronics Institute, Cuddalore spoke about “Competencies of Successful Entrepreneurs.”
- ❖ Mr.R.Palanivel, Branch Manager, Tamil Nadu Industrial Investment Corporation, Villupuram delivered a lecture on “Identification of Opportunities for Entrepreneurs.”





- ❖ Mr. Mohammed Ibrahim, Project Manager, Brainz Infotech, Villupuram delivered lecture on “How to plan a small business?”
- ❖ Mr.D.Radhakrishnan, Head of the Ceramic Department, Saravana Global Energy Ltd, Cuddalore delivered a lecture on “Factory visit Experience Shared by Existing Entrepreneur.”

## **DEPARTMENT OF PHYSICAL EDUCATION**

### **Staff Activities:**

- ❖ Mr.A.Murali, Director of Physical Education is pursuing Ph.D. in Bharathiar University, Coimbatore.
- ❖ Mr.A.Murali, Director of Physical Education was appointed as Team Manager for All India Inter University Gymnastic and Malkhamb (Men and Women) tournament held at Punjab University, Patiala from 7<sup>th</sup> to 11<sup>th</sup> January 2016.
- ❖ Mr.A.Murali, Director of Physical Education was appointed as Selection Committee Member for Taekwondo (Men & Women), Anna University Inter Zone Competition, held at Mailam Engineering College, Mailam from 20<sup>th</sup> to 21<sup>st</sup> February 2016.

### **Students Activities:**

- ❖ Mr. R.Ranjith Kumar of III year Mechanical, Mr.S.Vignesh of III Civil and Mr. K.Moorthy of IV Civil had been selected for Villupuram District Cricket Team under -23 to play at TNCA Inter District Second Round Cricket Tournament

conducted at Villupuram on 23<sup>rd</sup> & 24<sup>th</sup> February 2016.

- ❖ Mr. S.Vignesh of III Civil Engineering had been selected for Villupuram District Cricket Team Senior Cricket Team to play at TNCA Inter District Cricket Tournament conducted at Tuticorin from 28<sup>th</sup> to 30<sup>th</sup> March 2016.

### **Alumni Meet:**



- ❖ Alumni Meet 2015 was organized at our college on 10<sup>th</sup> January 2016. Mr. K SassiCoumar, Divisional Manager, Recruitment & Training (Tamil Nadu & Kerala), Eureka Forbes – Security System Division received the Ambassador of Goodwill Award.

### **Editorial board**

Mr. R. Raja, Asst. Professor / Maths	Convenor
Mr. M. Shyam Kumar, Asst. Professor / Civil	Member
Mr. P. Sarangapani, Asst. Professor /Mech	Member
Mr.S. Arunpandiyan, Asst. Professor / EEE	Member
Mr.V. Vinothraj, Asst. Professor / CSE	Member
Mrs.P. Sujatha, Asst. Professor / ECE	Member
Dr. M. Manivannan, Professor / Chemistry	Member
Mr. T. Sankar, Asst. Professor /English	Member