

VRSCET *News Letter*

VOICE OF V.R.S. COLLEGE OF ENGINEERING AND TECHNOLOGY

PROJECT EXPO

VRS-SCITECH EXPO-2013 : a project exhibition had been organized with the projects of our students, during 7th to 12th October 2013.



TheAME Inauguration

TheAME-13 (The Association of Mechanical Engineers) was inaugurated by Mr. Han Ok Cho, Managing Director, S.H. Electronics India Pvt. Ltd, Kanchipuram on 29th August 2013.

FACULTY DEVELOPMENT PROGRAMME

Anna University Sponsored Faculty Development Programme on "CS 2253: Computer Organization and Architecture" was inaugurated by Dr. D. Mohan, Ph.D., Director, CFD, Anna University, Chennai on 4th December 2013.



V.R.S. College of Engineering and Technology

(Accredited by NBA, New Delhi & An ISO 9001 : 2008 Recertified Institution)

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

Tel : 04149 - 209153, 209163. web site : www.vrscet.in email : vrscet@yahoo.com



DEPARTMENT OF MECHANICAL ENGINEERING



Association (The AME) Activities:

- ❖ National level seminar was conducted jointly by The AME and ISTE on 22nd July 2013. Mr.S.Rajesh, NDT Chief Engineer, Vibrant NDT services Pvt.Ltd, Chennai delivered the lecture on “Non Destructive Testing”
- ❖ Memorandum of Understanding (MOU) was signed with Vibrant NDT services Pvt.Ltd, Chennai & Sharpdesign Technologies, Chennai on 29th August 2013. On the same day a seminar was conducted by Mr.K.Sakthivel, Proprietor, Sharpdesign Technologies, Chennai on “Advances & Future Trends in CAD/CAM/CAE”.

Staff Activities

Faculty pursuing higher studies

- ❖ Prof. G. Elango, Head / Department of Mechanical Engineering is pursuing Ph.D. in Annamalai University.
- ❖ Prof. G. Perumal, has submitted his Ph.D. thesis in Anna University.
- ❖ Mr.R.Ravishankar, Associate professor is pursuing Ph.D. in Pondicherry University.
- ❖ Mr.S.Shanmugasundaram, Assistant professor is pursuing Ph.D. in Anna University.

Conference Presentation / Workshop Participation / Publications

- ❖ Prof. G. Elango published a paper titled "Tribological Behaviour of Hybrid (LM25Al+SiC+TiO₂) Metal Matrix Composites" in Procedia Engineering Vol. 64 (2013) 671 - 680.
- ❖ Prof.G.Elango, Prof.G.Perumal, Mr.R.Ravishankar and Mr.B.Selvasarathy, Associate Professors, Mr.C.Subramanian, Mr.M.Saravanan, Mr.P.Sarangapani, Mr.D.Sathesh kumar, Mr.S.Sivaguru, Mr.K. Thamizhmaran, Mr.T.Jothimani and Mr.D.Kamalakanan, Assistant Professors attended National level Faculty Development Programme on “Experience the Excellence” at Yercaud on 3rd & 4th July 2013.

- ❖ Mr.B.Selvasarathy, Associate Professor attended CSIR sponsored one day National level workshop on “Rapid Product Development and Manufacturing” at Indian Institute of Information Technology, Design and Manufacturing (IIITD&M), Kancheepuram on 13th July 2013.
- ❖ Prof.G. Perumal delivered guest lecture on "Wear Response of Alumina - Zirconium Coating for Bio medical Application" at Dhanalakshmi College of Engineering, Tambaram on 23rd July 2013.
- ❖ Prof.G. Elango attended an international conference on "Design and Manufacturing" organised by IIITD&M, Kanchipuram from 18th to 20th July 2013.
- ❖ Mr.P.Sarangapani, Assistant Professor published a research paper “A Numerical Analysis of Novel Liquid Gas Jet Ejector” in the International Journal of Engineering Research and Applications.
- ❖ Mr.S.Vinothkumar and Mr.A.Rajaraman, Assistant Professors attended one day National level workshop on “Technical advancement in CAD/CAM/CAE/ & Automation Technologies” at IFET College of Engineering and Technology, Villupuram on 19th August 2013.
- ❖ Mr.P.Sarangapani, Mr.D.Sathesh kumar, Mr.S.Sivaguru, Assistant Professors attended two weeks National level AICTE sponsored Faculty Development Programme on “Renewable Energy Based Cooling Systems Opportunities & Challenges” at St. Joseph's College of Engineering, Chennai from 18th to 29th November 2013.
- ❖ Mr.B.Selvasarathy, Associate Professor and Mr.K.Thamizhmaran, Assistant Professor attended National level TEQIP sponsored Faculty Development Programme on “Sustainable Energy Technologies for Future Generation” at Pondicherry Engineering College, from 25th to 29th November 2013.
- ❖ Mr.C. Subramanian and Mr. M.Saravanan, Assistant Professors attended National level Faculty Development Programme on “Engineering Mechanics” at University College of Engineering, Villupuram from 9th to 15th December 2013.
- ❖ Mr.S. Shanmugasundaram, Assistant Professor participated as resource person in Anna university sponsored Faculty Development Programme and delivered lecture on "Engineering Mechanics" at University College of Engineering, Dindigul on 19th December 2013.
- ❖ Mr.D.Kamalakanan, Assistant Professor attended National level Faculty Development Programme on “Heat & Mass Transfer” at University College of Engineering, Panruti from 16th to 22nd December 2013.



❖ Mr.T.Jothimani, Assistant Professor attended National level Faculty Development Programme on “Design and Transmission System” at Kongu Engineering College, Erode from 23rd to 29th December 2013.

❖ Prof.G. Perumal presented a paper on "Wear response of plasma sprayed composite coating on Ti Alloy and Ti-6Al-4V alloy for biomedical application - A comparative study" in two day National conference on "Challenges in Biomedical Research" Conducted by VIT University, Vellore on 23rd and 24th December 2013.

Students Activities

❖ Mr.S.Saranraj and Mr.S.Ramachandaran, third year students presented a paper on “Robotics” at Rover College of Engineering and Technology, Perambalur on 8th August 2013 and on “Ultimate Underwater Welding” at IFET College of Engineering , Villupuram on 14th September 2013.

❖ Mr.V.Loganathan and Mr. D.Prasanth, final year students presented a paper on “Advances in IC Engines” and Mr.V.Loganathan won second prize on "CAD Modelling" in National level technical symposium at Arunai College of Engineering, Thiruvannamalai on 26th September 2013.

❖ Mr.D.Prasanth, final year student presented a paper on “IC Engines” at St. Anne's College of Engineering and Technology, Panruti on 27th September 2013.

❖ Mr.M.Kanagavel and Mr.A.Veeramani, final year students presented a paper on “Power Production using Nano Technology” at Dr. M.G.R Educational and Research Institute, Chennai on 3rd October 2013.

❖ Mr. Britto Paveen, third year student won second prize in the Technical Quiz conducted in National level technical symposium at Dr. M.G.R Educational and Research Institute, Chennai on 4th October 2013.

❖ Mr.N.Sridhar and Mr.R.Sudharsan, final year students presented a paper on “Advanced IC Engines” at J.J College of Engg. and Technology, Trichy on 26th October 2013.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Association (ASCOPE) Activities:

❖ Association of Electrical & Electronics Engineering organized a Guest Lecture on “Recent Trends in Automation” delivered by Er.A.Ezhilmaran, Director, Axis Global Automation Group of companies -Coimbatore on 12th July 2013

❖ ASCOPE organized "Training programme on PLC and SCADA automation software" to Final Year Students by delegates of Axis Global Automation Group of companies Coimbatore from 2nd to 9th August 2013.

❖ ASCOPE organized a Guest Lecture on “High Voltage cable Erection and Maintenance” by Er.G.RajeshKanna, Marketing Executive, Hy-tech Goodwill Training and Testing centre on 11th September 2013.

❖ ASCOPE organized one day workshop on “Embedded C” by Er.EdwardChristopherPhilip, Senior software Engineer, KPIT Technologies, Chennai on 27th September 2013

❖ Department of Electrical & Electronics Engineering signed MOU with Axis global Automation Group of Companies, Coimbatore on 9th August 2013 and with Hytech Goodwill Training and Testing centre, Chennai on 27th September 2013 respectively to provide industrial visits, in-plant training and job opportunities for the students.

Staff Activities

Pursuing Higher Studies

❖ Prof.S.Sakthivel, Professor is pursuing Ph. D., at Anna University, Chennai.

Conference Presentation / Workshop Participation / Publications

❖ Ms.B.Ananthi, Associate Professor, Mr.S.Manimaran, and Ms.D.Mangavaram, Assistant Professors attended two day workshop on "Research challenges in 2014" on 20th and 21st November 2013 at Adhiparasakthi Engineering College, Melmaruvathur.





- ❖ Mr.S.Saravanamuthukumaran and Mr.R.Boopathi, Assistant Professors attended Faculty Development Programme on “Analysis and modeling of motors using FEM Package (ANSYS)” from 18th to 30th November 2013 at Manakula Vinayagar Institute of Technology, Puducherry.
- ❖ Mr. S. ArunPandiyan and Mr.B.Rajan, Assistant Professors attended CSIR Sponsored National level seminar on “Restructured Power Market” on 13th & 14th December 2013.
- ❖ Mr.G.Gnanavel, Assistant Professor published a paper on "Secure mobile Localization using cloud computing" in second International conference organized by CSI, Bangalore on 20th September 2013.
- ❖ Mr.B.Arunkumar, Assistant Professor published a paper on “Online Handwritten Character recognition using digital for static authentication” in International academic conference of Electrical and Electronics Engineering organized by IRAJ Chennai on 19th October 2013.
- ❖ Mr.G.Ezhilarasan, Assistant Professor attended Faculty Development Programme on “Circuit Theory” at University College of Engineering, Tindivanam from 9th to 15th December 2013.
- ❖ Prof.S.Sakthivel, Professor & Head, Ms.B.Ananthi, Associate Professor, Mr.G.Gnanavel, Mr.S.ArunPandiyan,



Mr.B.Arun kumar, Mr.M.B.Annadurai, Ms.D.Mangavaram, Mr.D.Balamurugan and Mr.B.Rajan, Assistant Professors attended one day seminar on "Research Scenario and Challenges" on 13th November 2013 at V.R.S. College of Engineering and Technology.

❖ Prof.S.Sakthivel, Professor & Head, Ms.B.Ananthi, Associate Professor, Mr.G.Gnanavel, Mr.S.ArunPandiyan Mr.B.Arunkumar, Mr.M.B.Annadurai, Ms.D.Mangavaram, Mr.D.Balamurugan and Mr.S.Saravanamuthukumaran, Assistant Professors attended one day National level seminar on "Research: Challenges and strategies" on 14th December 2013 held at V.R.S. College of Engineering and Technology.

Students Activities

Paper Presentation

- ❖ Mr.R.Sathish and Mr.S.Sathyakumar, of final year presented a paper on "SMART GRID" and Mr.M.Vijayakumar and Mr.S.Vijayakumar of final year presented a paper on “Speed power generation” in National level technical symposium held at Dr.Navalar Nedunchezhiyan College of Engineering on 31st July 2013.
- ❖ Mr.V.Premkumar and Mr.V.Honestraj of third year presented a paper on “Application of Fuzzy Logic control in Switched Reluctance motor” and Mr.V.Pavithran and Mr.S.P.Manikandan of third year presented a paper on "Comparative Analysis of HVDC over HVAC transmission", Mr.S.Jayasakthi and Mr.L.Sathishkumar of third year presented a paper on "Flexible AC Transmission Systems", Ms.K.Anitha and Ms.R.Savithri of third year presented a paper on "Wireless Transmission of Electricity" and Mr.S.Subashpandiyan & Mr.U.Narendiran of third year presented a paper on "Power generation from road speed brakes and from shores" in National level technical symposium held at University College of Engineering, Panruti on 4th September 2013.
- ❖ Mr.T.Jeevanandham & Mr. S.Antonysujindoss of final year presented a paper on "Power Solution" and won third prize in National level technical symposium held at University College of Engineering, Arni on 12th September 2013.

Department of Electronics and Communication Engineering

Association (ELCENA) Activities

- ❖ ELCENA in association with ISTE and Career Guidance Bureau organized one day National level workshop on “Industry Institution Interaction for Career Development” on 11th July 2013. Mr.A.Ezhilmaran, Project Manager, Axis Global Automation, Chennai



Mr.M.Mohamed Irshad, Embedded developer, Softxper Solutions Pvt Ltd, Chennai, and Mr.K.G.Nandakumar, Director, RJP Infotech Pvt Ltd, Chennai, delivered guest lectures and conducted hands-on workshop.

❖ ELCENA in association with ISTE and Career Guidance Bureau organized one day National level technical symposium “ELCOMEET 13-14” on 14th August 2013. Mr.A.Ganesan, Managing Director, Softxper Solutions Pvt Ltd, Chennai and Mr.S.Chandramoulli, Director and Project Manager, Softtech solutions Pvt Ltd, Chennai inaugurated the event and MoU had been signed with the same organization. Mr.K.Sivanathan, Assistant Professor, SRM University, Kattangulathur and Mr.D.Palani, Assistant Professor, University College of Engineering, Villupuram were the juries for the paper presentation contest.

❖ ELCENA in association with ISTE organized one day National level seminar on “Network Security” on 13th September, 2013. Mr.A.K.Shajahan, Chief Information officer, RJP Infotech Pvt Ltd, Chennai inaugurated the event and MoU had been signed with the same organization.

Staff Activities

Faculty Pursuing Higher Studies

❖ Mrs. A. Uma Maheswari, Prof./Head, Mrs. S. Jaya, Mrs. A. Jayachitra and Mr. J. Joseph Ignatious, Associate Professors are pursuing Ph. D., in Annamalai University, Chidambaram.

❖ Mr. R. Balasubramaniyan, Assistant Professor is pursuing Ph. D., in Anna University, Chennai.

Conference Presentation / Workshop Participation/ Publications

❖ Mr. G.Sadiq Basha, Associate Professor attended a National level technical seminar on “Recent Issues in Antenna Design and Testing” conducted by Mepco Schlenk Engineering College, Sivakasi on 24th and 25th September 2013.

❖ Mr. R. Balasubramaniyan, Assistant Professor attended

a National Conference on "Computing and Communication Engineering-13(NCCCE-13)" conducted by Agni College of Technology, Chennai on 27th September 2013 and on “Mathematical Modelling on Wireless Sensor Networks” conducted by Sathyabama University, Chennai on 12th and 13th December 2013.

❖ Mrs. A. Jayachitra, Associate Professor and Mrs.P.Sujatha, Assistant Professor attended National level seminar on “Electromagnetic Progressive Trends in Controller Design and their Optimization” conducted by VIT Campus, Chennai on 6th December 2013.

❖ Mr.T.Manochandar, Assistant Professor attended Faculty Development Programme on “Circuit Theory” conducted by University College of Engineering, Tindivanam from 9th to 15th December 2013.

❖ Mr. P.Paruthi Illamvazhuthi, Assistant Professor attended Faculty Development Programme on “High Speed Networks” conducted by University College of Engineering, Pattukottai from 9th to 15th December 2013.

❖ Ms. M.Pradeepa and Ms.L.Megala, Assistant Professors attended Faculty Development Programme on “Wireless Sensor Networks” conducted by SKP Engineering College, Tiruvannamalai from 14th to 17th December 2013.

❖ Mr. M. Vinoth, Assistant Professor attended workshop on “LAB VIEW Programming” conducted by Dhanalakshmi Engineering College, Chennai on 16th & 17th December 2013.

❖ Mr. P. Paruthi ilamvazhuthi, Mr. S. Parthiban and Mr.V.Thiyagarajan, Assistant Professors published a paper titled “Implementation of EESCP Protocol in MANET” in International Journal of Communication & Networking, (CIIT), Volume-1, August 2013.

❖ Mrs. S. Jaya, Associate Professor, published a paper titled “Survey on Adaptive channel equalization techniques using particle & warm optimization” in International Journal of Signal Processing (IJSET), Volume -2, September 2013.





❖ Mr. Joseph Ignatious, Associate Professor published a paper titled “On the choice of importance of resampling schemes in particle” in International Journal of Signal Processing (AJER), Volume -1, September 2013.

❖ Mr.M.Vinoth and Mr. P. Paruthi ilam vazhuthi, Assistant Professors published a paper titled “Multiresolution satellite image segmented using discrete wavelet transform” in International Journal of Digital Image Processing (CIIT), Volume -1, September 2013.

❖ Mr.G.Sadiq Basha, Associate Professor and Mr.E.Velmurugan and Mr.K.Ramesh, Assistant Professors published a paper titled “Design of Low Power CMOS High Performance True Single Phase Clock Dual Modulus Prescaler” in International Journal of Engineering Research and Applications (IJERA), Volume -3, September 2013.

Students Activities

Industrial Visit

❖ Mr. S.Parthiban and Mrs.A.Shanthi, Assistant Professors and Prof. S. A. Amutha Jeevakumari and Mr. M.Vinoth, Assistant Professors guided Third year ECE “A” section and ECE “B” section students respectively to visit Mighty Electronics, Beta Power Controls, S.S.UPS Systems and Vasantha Advanced System, Coimbatore on 5th and 6th September 2013.

Paper presentation

❖ Ms.P.Nithya and Ms.S.Padmapriya of third year “A” section presented a paper titled “Nanoleaf Electricity” in National level technical symposium (PEPIEC'13) in Annai Terasa College of Engineering, Viluppuram on 31st August 2013.

❖ Mr. K.Jayakanth of final year “A” section presented a paper titled “Real Time Biometric Security System through Finger Vein Recognition” in National level technical symposium at IFET College of Engineering, Viluppuram on 14th September 2013.

❖ Mr. S.Gopinath of third year “B” section presented a paper titled “Nano Optical Antenna in Spectroscopy” in National level conference at Bharath University, Chennai on 26th September 2013.

❖ Mr. S.Sivakumar of third year “B” section presented a paper titled “Heart rate monitor using 8051” in National level technical symposium at Sri Nandhanam College of Engineering & Technology, Vellore on 1st October 2013.

❖ Ms. M.Gomathi and Ms. C. A.Manonmani of second year “A” section presented a paper titled “Design of High Speedhardware 4 Bit SFQ Multiplier” in National level technical symposium at Sri Rangapoopathi College of Engineering, Gingee on 4th October 2013.

Project Expo

❖ Mr.M.Natarajan, Ms. S.Kanimozhi and Ms.R.Kalaiselvi of final year “B” section won Second prize for “An Intelligent Ambulance Car Which Control Traffic light” in State level "Project Expo" at Arunai Engineering College, Tiruvannamalai on 7th October 2013.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Association (ASCOME) Activities:

❖ The Association of Computer Science & Engineering and Indian Society for Technical Education (ISTE) jointly organized a guest lecture on “IBM DB2” delivered by Mr.Meiyyappan Rajamanickam, Business Partner and Mr.Sajath Babu, Manager, Eyeopen Technologies Pvt. Ltd., Chennai and Department of Computer Science & Engineering signed MoU with their organisation on 25th July 2013 for industrial visits, in-plant training and job opportunities for the students.

❖ ASCOME, Association of Information Technology- INTECA and ICTACT jointly organized a Power Seminar on “Employability Skills” which was conducted by Mr.M.Sivakumar, CEO, ICT Academy, Mr.Omprakash Manivannan, MD & CEO, VALZEN Solutions Pvt. Ltd. and Mr.P.PavanKumar, Founder & CEO, Skifi Labs, Bangalore on 31st July 2013.

Staff Activities

Pursuing Higher Studies

❖ Mrs.J.K.Jothi Kalpana, Professor is pursuing Ph.D. in Anna University, Chennai.

Conference Presentation / Workshop Participation / Publications

❖ Mr. F. Destonius Dhiraviam and Mr.M.Sabareesan, Assistant Professors attended two days National seminar on “Big Data Analytics” at Anna University, Chennai on 19th and 20th July 2013.



❖ Prof.P.Karunanidhi, Ms. R.Vijayalakshmi, Mrs.K.Nirmala, Mr.R.Dashnamoorthy and Mr.A.DaisonRaj, Assistant Professors attended one day workshop on “Students' Counselling and Stress Management” in Mailam Engineering College on 17th August 2013.

❖ Ms.R. Vijayalakshmi, Assistant Professor presented a paper "Anoto communicator" in National Conference on Computing and communication Engineering (NCCCE 2013) at Agni College of Technology, Chennai on 27th September 2013

❖ Mr. M. Balaanand, Assistant Professor attended one day National seminar on “Challenges and Strategies in Research” at SNS College of Technology, Coimbatore on 27th September 2013.

❖ Mr.V.Vinothraj, Assistant Professor attended three day Faculty Development Programme on “IBM DB2” at ICT Academy of TamilNadu, Perungudi, chennai from 8th to 10th October 2013.

❖ Ms. R.Vijayalakshmi, Mrs.H.Ambika, Mrs.R.Rajalakshmi, Assistant Professors attended two days workshop on “Agile Software Process” in SRM University, Chennai on 27th and 28th November 2013.

❖ Prof.P.Karunanidhi, Prof. J.K.JothiKalpana, Ms.N.Kavitha, Associate Professor, Mrs.K.Nirmala, Mrs.H.Ambika, Mrs.R.Rajalakshmi, Ms.S.Suguna, Ms.R.Vijayalakshmi, Mr.R.Dhashnamoorthy, Mr.F.Destonius Dhiraviam, Ms.C.Leena, Mr.A.Daison Raj, Mr.N.Gobinathan, Mr.M.Balaanandh, Mr.V.Vinothraj, Ms.R.Ezhilarasi, Mr.S.Shanmugam and Ms.S.Sindhuja, Assistant Professors attended Anna University Sponsored one week Faculty Development Programme on “Computer Organization and Architecture” in VRS College of Engineering and Technology from 4th to 10th December 2013.

❖ Ms. R.Vijayalakshmi, Assistant Professor published a paper titled “Anoto Communicator” in International Journal

of Emerging Technology & Research- IJETR IISN(Online): 2347-5900 ISSN(Print):2347-6079 on 6th December 2013.

❖ Mr.N.Gobinathan, Assistant Professor attended one week Faculty Development programme on “Principles of Compiler Design” in Anna University, Regional centre, Coimbatore from 12th to 18th December 2013.

❖ Ms.N.Kavitha, Associate Professor and Ms. S.Suguna, Assistant Professor attended two days workshop on “Ethical Hacking and Network Security” in Pondicherry Engineering College, Puducherry on 19th and 20th December 2013.

Students Activities

❖ Mr.D.Madhusudhanan and Mr. M.Manikandan of third year presented a paper "Voice Over Internet Protocol" in National level technical symposium at V.R.S. College of Engineering & Technology on 14th August 2013

❖ Ms.N.Renukadevi and Ms. R.Premalatha of third year presented a paper "Data Integrity Proofs of Cloud Storage" and Ms.R.Sowmipriya, Ms. S.Sivaranjani and Ms.S.Sankari of third year presented a paper "Stop Password Hacking using OPAS prototype" in National level conference at Magna College of Engineering and Technology, Chennai on 17th August 2013

❖ Ms.U.Kalaimathy and Ms. M.Jayanthi of final year presented a paper "Brain Controlled Car for Disabled People Using Artificial Intelligence" and Ms.M.Sathiyapriya and Ms. U.Dhivya of final year presented a paper "Neural Networks Towards Business Forecasting" in National level technical symposium at Arunai College of Engineering, Thiruvannamalai on 29th and 30th August 2013.

❖ Mr.R.Tamilselvan of final year presented a paper “Brain Controlled Car for disabled person” in 2nd National level technical symposium at University College of Engineering, Panruti on 4th September 2013.

❖ Mr.E.Thirumalaithangaraja and Mr. S.Mohamed siddik of final year presented a paper “Analysis for Emotion detection using Bayesian Network” and Ms.A.Dhivya and





Ms. S.Gomathi of final year presented a paper "Neural Networks Towards Business Forecasting" in National level technical symposium at Arunai College of Engineering, Thiruvannamalai on 5th September 2013.

❖ Mr.L.Prakash Kumar and Mr. A.AnwarHussain of final year presented a paper "A Secured Cost Effective Multi Cloud storage in Cloud Computing" in National level technical symposium at Meenakshi Ramasamy Engineering College, Ariyalur on 6th September 2013 and got third place.

❖ Mr.B.Vinoth Kumar and Mr. S.Santhosh Kumar of final year presented a paper "Intelligent transportation System Using Grid Computing Devices" in National level technical symposium at Pondicherry Engineering College, on 11th and 12th September 2013.

❖ Ms.M.Lavanya and Ms. K.Monisha Kumari of third year presented a paper "Palm Vein Authentication Technology" and won second place and Mr.A.AnwarHussain and Mr. S.Ragavendhra of final year presented a paper "Pervasive Cued Click points: An Implementation of Knowledge Based Authentication Mechanisms" and won third place in National level technical symposium at IFET College of Engineering, Villupuram on 14th September 2013

❖ Mr.S.Syed Adhil and Mr. A.Tamizhmaran of final year presented a paper "Video Tracking Using Artificial Intelligence" in International Conference on Communications, Networking and Signal Processing- 2013 at VIT University, Vellore from 19th to 21st September 2013.

❖ Ms.B.pradheepa and Ms. D.Raja rajeshwari of third year presented a paper "Brain Computer Interface & Non Medical Application" in National level technical symposium at Sri Chandrasekharendra Saraswathi Viswa Mahavidyala, Kanchipuram on 26th & 27th September 2013 and got second place.

❖ Ms.S.Sumithra Devi and Ms. S.Abinaya of final year presented a paper "Identify the eye in Multivariant

Environment" , Ms.E.Shanthi Priya and Ms.R.Senthamarai of final year presented a paper "A framework in automatic human function registration in video" and Ms.V.Bakkiyalakshmi and Ms. J.Nandhini of final year presented a paper "Cloud computing security used for Business Enterprise" in National level technical symposium at Shri Andal Alagar College of Engineering, Chennai on 26th September 2013.

❖ Mr.A.kalil Rahuman, Mr. V.Prabakaran and Mr.J.Aravindh of third year presented a paper "Edge deduction in image processing", Ms.R.kiruthika, Ms.S.Jayasri and Ms.R.Abirami of third year presented a paper "Cloudlets in mobile computing", Ms.T.Vanitha and Ms. T.Renugadevi of final year presented a paper "Robotics in Agriculture", Ms.V.Sangeetha and Ms. P.Geetha of final year presented a paper "Controlled by brain artificial legs" & Ms.A.Athilakshmi and Ms K.Chandralega of final year presented a paper "Cloud computing through Eucalyptus Model" in National level technical symposium at University College of Engineering, Panruti on 27th September 2013.

❖ Ms.M.Sathyapriya and Ms. S.Gomathi of final year presented a paper "Virtual Brain Using Nanobots", Ms.U.Dhivya of final year presented a paper "Virtual Reality using brain gate technology", Ms.M.Jayanthi and Ms. U.kalaimathy of final year presented a paper "Online voting using face recognition methods", Mr.A.Anwar Hussain of final year presented a paper "Gesture recognition using hidden conditional random field", Mr.V.Guru Vishvanath Sairam of final year presented a paper "Face detection based on skin color region using neural networks in Artificial Intelligence" & Mr.S.Ragavendhira and Mr. B.Vinoth Kumar of final year presented a paper "Anoto communicator" in National level conference on Computing and Communication Engineering at Agni College of Technology, Chennai on 27th September 2013.

❖ Ms.J.Nandhini and Ms. V.Bakkialakshmi of final year presented a paper "Automatic emergency calling or alert system based on accident information using GPS, GSM and ARM processor", Ms.S.Abinaya and Ms.S.Sumithradevi of final year presented a paper "Face recognition using an information theory concept", Ms.E.Shanthipriya and Ms. R.Senthamarai of final year presented a paper "Content based image retrieval approach using color, texture & shape features controlled by fussy heuristics" & Ms.E.Narmatha and Ms. S.Sevarangam of final year presented a paper "Mobile agents in wireless network for intrusion detection" in National level technical symposium at T.S.M. Jain College

of Technology, Kallakurichi on 30th September 2013.

Industrial Visit:

❖ Ms.N.Kavitha, Associate Professor, Mr. F. Destonius Dhiraviam, Mr.K.Veeramanikandan and Ms.C.Leena, Assistant Professors guided third year students to Conrod Software solutions India Pvt. Ltd., Cengsoft, Campus Infotech, Poras Technologies India Pvt. Ltd., K.G. Information System Pvt. Ltd., at Coimbatore, Chips Software System Pvt. Ltd., Cochin from 5th to 7th September 2013.

DEPARTMENT OF INFORMATION TECHNOLOGY

Association Activities:

❖ INTECA (Information Technology Association) was Inaugurated by Mr.P.PonPrakash, M.E., Director of Technology and Mr.A.Chidambaresan, M.E., Director of Business Operation, Courseplus Pvt Ltd, Chennai gave guest lecture on "Recent Trends in Cloud, Mobile & Big Data" on 23rd July 2013.

Staff Activities

Conference Presentation/Workshop

Participation/Publication

❖ Mr.K.Ramesh, Assistant Professor attended a workshop on "R&D Issues and Challenges" at Adhiparasakthi Engineering College on 20th & 21st November, 2013.

❖ Mr.A.Parathasarathy, Associate Professor & Head and Mr.R.Vivekanandan, Assistant Professor attended a workshop on "Research Issues in Wireless Networks" at Annamalai University on 21st September, 2013.

❖ Mr.S.Bharathiraja and Mr.S.Balaji, Assistant Professors attended a workshop on "Research Issues on Speech Recognition and Image Processing" at Annamalai University on 5th October 2013.

❖ Mr.V.Saranraj and Mr.D.Balasubramaniam, Assistant Professors attended a Faculty Development Programme on "Open Source Lab" at Dr.Mahalingam College of

Engineering and Technology on 12th and 13th September 2013.

❖ Mrs.S.Chitra, Assistant Professor attended a Workshop on "Agile Software Process" at SRM University Chennai on 27th and 28th November 2013.

Students Activities

❖ Ms.B.Umamaheswari and Ms.V.Vidhya of third year presented paper on "Brain Computer Interface" in International Conference at Magna College of Engineering and Technology, Chennai on 17th August 2013.

❖ Ms.P.Priya and Ms.R.Nithya of third year presented paper on "Wi-Fi Robot for Video Monitoring and Surveillance System" in International Conference on Research Ideas Software Engineering Search, at Thiagarajar Engineering College, Madurai on 19th August 2013.

Industrial Visit

❖ Mr.P.Manivannan and Mrs.T.Indumathi, Assistant Professors, guided third year students to visit Poras Technologies India Pvt Ltd, Campus Infotech, Chips Software Solutions and Precise Software Solutions in Coimbatore and Cochin from 26th to 28th September, 2013.

DEPARTMENT OF CIVIL ENGINEERING

Association (ACE) Activities

❖ Dr.N.Govindaswamy, CEO, Shakthi Construction Pvt. Ltd., Chennai inaugurated ACE 13, signed MoU with the department and delivered a lecture on "Recent Trends in Concrete" at the seminar organised by ACE in association with ISTE on 16th September 2013.

Staff Activities

Conference / seminar/workshop presentation and participations

❖ Mr.V.Nareshkumar, Mr.S.Vinothkumar and Mr.K.Yuvarajan Assistant Professors participated in National seminar on "Health Monitoring of Concrete Structure" on 13th September 2013 at IIT Madras.

❖ Mr.V.Nareshkumar, Assistant Professor presented



“Non-Destructive test on Concrete Structures” on 7th and 8th October 2013 at PR Engineering College, Thanjavur.

❖ Mr.V.Tamilselvan, Assistant Professor attended a Faculty Development Training Program on “Recent Advances in the Design and Construction of Sustainable pavements” from 2nd to 7th December at Pondicherry Engineering College.

❖ Mr.V.Nareshkumar, Mr.S.Vinothkumar and Mr.K.Yuvarajan, Assistant Professors participated in National level ISTE Workshop on “Engineering Mechanics” from 26th November to 6th December 2013 at Anna University, Chennai.

❖ Mr.R.Arunshourie, Assistant Professor attended a Faculty Development Training Program on “Applied Hydraulics Engineering” from 29th November to 6th December 2013 at College of Engineering, Thoothukudi.

❖ Ms.T.Brundha, Assistant Professor attended a Faculty Development Training Program on “Engineering Mechanics” from 9th to 15th December 2013 at University College of Engineering, Villupuram.

❖ Mr.R.Kalaiarasan and Mr.T.Gobi, Assistant Professors attended a Faculty Development Training Program on “Applied Hydraulics Engineering” from 12th to 19th December 2013 in Velammal Engineering College, Chennai.

Students Activities

❖ Mr. R. Kumaran, Mr. P.Velan and Mr. P.Krishnamoorthy of final year participated in “Technical Quiz CADD” and won the first prize in the National level technical symposium held at University College of Engineering, panruti, on 13th September 2013.

❖ Mr. S. Prasad and, Mr.S.Sivaguru of final year participated in the event “Green building Concept” and won the first prize in the National level technical symposium held at IFET College of Engineering, Gangarampalayam on 14th September 2013.

❖ Mr. A. Alexander and Mr. S.Ilayakumar of final year participated in the event “Trenches Technology” and won the second prize in the National level technical symposium held at T.S.M Jain College of Technology, Melur, Kallakurichi on 19th October 2013.

DEPARTMENT OF SCIENCE AND HUMANITIES

Association Activities

❖ The Association of Science and Humanities with ISTE and Career Guidance Bureau organized a seminar on “Introduction to Polymer Science” conducted by Professor Dr.D.Mohan, Director, Centre for Faculty Development, Anna University, Chennai on 24th August 2013.



Staff Activities

Faculty Pursuing Higher Studies

❖ Ms.V.Vanmathy, Assistant Professor in Chemistry is pursuing Ph.D., at Anna University, Chennai

Conference Presentation / Workshop Participation / Publications

❖ Mrs. R.Renuka, Assistant Professor in Physics attended one day National seminar on “Laser Technology and its Applications” conducted by VIT, Chennai on 6th July 2013.

❖ Dr.J.Sankareswari, Assistant Professor in English presented a paper titled “The Challenge of Teaching English to rural Engineering students” in the 8th International Conference organized by the Department of English and Foreign Languages, SRM University, in association with English Language Teachers Association of India (ELTAI) from 18th to 20th July 2013.

❖ Mr.P.Pazhanichamy and Mrs.R.Manjuladevi Devi, Assistant Professors of Mathematics attended Faculty Development Programme on “Empowering Mathematics Skills for Engineering Mathematics” jointly organized by Tamilnadu State Council for Technical Education and Centre for Faculty Development Anna University, Chennai on 26th July 2013.

❖ Mr.R.Vijayakumar, Assistant Professor of Mathematics attended “Latex Workshop for Researchers” conducted by VIT, Vellore on 26th and 27th July 2013.

❖ Dr.J.Sankareswari, Mr.T.Sankar, Ms.P.Catherine Benita and Mr.T.Rajendran, Assistant Professors in English attended two day Special Faculty Development Training Programme on “Empowering Communication Skills in English” conducted by Department of English, University College of Engineering, Villupuram organised in collaboration with Centre for Faculty Development, Anna University, Chennai on 29th and 30th July 2013.

❖ Ms.V.Vanmathy, Assistant Professor in Chemistry attended Faculty Development Training Programme on

“Engineering Chemistry-I” conducted by College of Engineering, Guindy, Anna University, Chennai from 11th to 18th July 2013.

❖ Mrs. R.Renuka, Assistant Professors in Physics attended the 16th ISTE Students National Annual Convention 2013 on “Social Responsibility of Technical Students in Environmental Sustainability” conducted by Periyar Maniammai University, Thanjavur on 27th & 28th September 2013.

❖ Mr.R.Vijayakumar, Assistant Professor in Mathematics, attended third international workshop on "Teaching and Learning in the Twenty First Century" conducted by B.S.Abdur Rahman University, Chennai on 17th December 2013.

❖ Mrs. R.Renuka and Ms.G.Gowri Shanmuga Priya, Assistant Professors in Physics and Mr.S.Arunkumar, and Mr.A.Prabhakaran, Assistant Professors in Chemistry attended two day National conference on "Challenges in Biomaterials Research" conducted by VIT University, Vellore on 23rd and 24th December 2013.

Student Activities

❖ Ms.T.Kalavani of First Year CSE participated in 16th ISTE Students National Annual Convention 2013 on “Social Responsibility of Technical Students in Environmental Sustainability” conducted by Periyar Maniammai University, Thanjavur on 27th & 28th September 2013.

RESEARCH AND DEVELOPMENT CELL



❖ R & D Cell in association with Career Guidance Bureau and ISTE organized a seminar on "Research : Challenges and Scenario in 2014" by Dr. K. Porsezian, Prof & Head, Department of Physics, Pondicherry University, Puducherry on 13th November 2013.

❖ R & D Cell organized a Workshop in association with Career Guidance Bureau and ISTE on 14th December 2013.



Dr. S. Poornachandra, Dean and Dr. Karthikeyan, Dean(Academic), SNS College of Engineering, Coimbatore delivered a Lecture on Research Challenges and Strategies.

NSS Activities



❖ NSS special camp was conducted at Aalamguppam village from 16th to 27th July 2013.

❖ Blood donation camp was organized on 17th July, 2013 with Primary Health Centre, Iruvelpattu and 40 students donated blood.

❖ Blood donation camp was organized on 2nd August, 2013 with Govt. Medical College and Hospital, Mundiampakkam and 120 students donated blood.



VRS-SCITECH EXPO

VRS-SCITECH EXPO was conducted at V.R.S. College of Engineering and Technology, Arasur during 7th to 11th October 2013. A sum of 3684 students of higher secondary school of Villupuram and Cuddalore Districts visited the expo. Our college staff Mr. A.Senthamizhan, Mr.S.Arunkumar, and Mr. R. Ranjith prepared study material for Mathematics, Physics and Chemistry (both Tamil and English Medium) in higher secondary syllabus and distributed them to 13880 school students of 60 schools of Villupuram and Cuddalore Districts.

Department of Mechanical Engineering

- ❖ Mr.K. Tamilmani, Mr. S. Jagadeesh and Mr. A.Veeramani of IV Year presented a project on “Robotic Tyre Remover for Puncture curification” and won first prize.
- ❖ Mr. V.Venkatesh, Mr. R.Vinoth and Mr. D. Kaviarasan of IV Year presented a project on “Electric power generation from speed brake” and won second prize
- ❖ Mr. M.Barath, Mr. A.Jegan and N.Dinesh of IV Year presented a project on “Pedal operating multi cutter” and won third prize .
- ❖ Mr. M.Satheesh, Mr. N.Sathishkumar, Mr. M.Sarankumar and Mr. C.Prabhakaran of IV Year presented a project on “Design and fabrication of automatic head light focus controller”
- ❖ Mr. D.Hariharan, Mr. K.Kamal and Mr. S.Lingraj of IV Year presented a project on “Automatic rain activated wiper”.
- ❖ Mr. R.Rajadurai, Mr. R.Rakesh and Mr. R.Siva of IV Year presented a project on “Sprocket side stand retrieve system”
- ❖ Mr. R.Manikandan, A.Sivasankar and R.Siva raj of IV Year presented a project on “Instant Weighing machine in heavy duty vehicle”.
- ❖ Mr. P. Vaisakhan, Mr. M. Naveen kumar and Mr. B. Subash of IV Year presented a project on “Material handling weighing machine”.
- ❖ Mr. V. Loganathan, Mr. D. Satheesh and Mr. N. Anand prabhakaran of IV Year presented a project on “Pedal operated pump for home application”.
- ❖ Mr. M.Purushothaman, Mr. D.Prasath and Mr. R.Prabhakaran of IV Year presented a project on “Mobile phone battery charger using solar energy”.
- ❖ Mr. P.B.Vasu, Mr. R.A. Alexander, Mr.A.Prakash and Mr.S.Prakash of IV Year presented a project on “Wind mill for Home application”.
- ❖ Mr. V.Karthik, Mr. M. Nazar and Mr. A. Sarathkumar of IV Year presented a project on “Line following robot”.
- ❖ Mr. N.Sridhar, Mr. N.Tenzing and Mr. V.Tamizharasan of IV Year presented a project on “Pico Hydro Power Plant”.
- ❖ Mr.S.D.Vinothkumar of III Year presented a project on “Air compressed car”.

- ❖ Mr. S.Hariprasath and Mr. M.Karthikeyan of III Year presented a project on “Dry air conditioner”
- ❖ Mr. M.Surya and Mr. V.Parthipan of III Year presented a project on “Automatic stand removal”
- ❖ Mr.S.Ramachandiran and Mr. S.Saranraj of III Year presented a project on “Hydraulic activated robotic arm for material handling”
- ❖ Mr. P.Akash and Mr. K.Prakash of III Year presented a project on “Pneumatic sheet metal cutting”
- ❖ Mr. S.Anbarasan, Mr. T.Parthiban, Mr. P.Rajkumar and A.Boopathy of II Year presented a project on “Road Sensing Automobiles to prevent Accident in Special Zones”

Department of Electrical and Electronics Engineering

- ❖ Mr. Mulaente Santhoshkumar and Mr. S.Manikandan of third year presented a project on “Automatic Water Level Control” and won First place.
- ❖ Mr. S.Silambarasan and Mr. K. Ilavarasan of final year presented a project on “Compact Inverter” and won Second place.
- ❖ Mr. M.Selvakumar and Mr. T.Jeevanandham of final year presented a project on “Laser Communication” and won third place
- ❖ Mr. R.Balaji, Mr. K.Antony Soundar Rajan, and Mr G.Bhilal Sheriff of third year presented a project on “Earth Leak Circuit Breaker With Ac Motor Speed Control Using TRIAC”
- ❖ Mr. P.Dinesh Kumar, Ms. S.Jayasakthi, Mr. J.Shanu Charles and Mr. K.Alex Pandey of third year presented a project on “Microcontroller Based Automatic Prepaid Energy Meter”
- ❖ Ms. E.Saranya, Ms. M.Vijayalakshmi, Ms. G.Prabavathy and Ms.J.Narmatha of third year presented a project on “AC_DC Motor Damage Prevention System Using Quiver Sensor”
- ❖ Ms. T.Bharathi and Mr. N.Ariffa of third year presented a project on “World Wide Home/Industrial Appliances Controlling Using DTMF”
- ❖ Mr. M.Krishnamoorthy, Mr. U.Narendiran and Mr. S.Subash Pandiyan of third year presented a project on “Traffic Alert System For Blind Turns”
- ❖ Mr. E.Manikandan, Mr. N.Loganathan and Mr. A.Chellappan of third year presented a project on “Transformer Mineral Oil Heat Monitoring In Substations With Alert System”
- ❖ Mr.Ediga Hari Krishna, Mr. V.Honestraj and Mr. V.Prem Kumar of third year presented a project on “Bi-Directional Motor Speed Controller”
- ❖ Ms. K.Anitha and Ms. R.Savithri of third year presented a project on “Power Saving From Wind”
- ❖ Mr. A.Shathik Basha, Mr. S.Deva Anand and Mr. A.Appu of third year presented a project on “Automatic Braking

System In Hill Stations”

- ❖ Mr. R.Erchappan and Mr. M.Rathinavel of final year presented a project on “Clap Switch”
- ❖ Mr. T.Kanagaraj and Mr. J.Vinoth of final year presented a project on “Automatic Firing Alarm”
- ❖ Mr. V.Pavithiran, Mr. S.P.Manikandan and Mr. J.Neranjhaun of third year presented a project on “Conservation Of Fuel By Auto Start And Stop Of Si Engine With Automated Traffic Signal”
- ❖ Mr. Vijayakumar.M of third year presented a project on “Compact Mobile Charger”

Department of Electronics & Communication Engg.

- ❖ Ms. R.Kalaiselvi, Ms. S.Kanimozhi and Mr. M.Natarajan of final year presented a project on “Automated SMS based student Report card” and won first prize.
- ❖ Mr.L.Jothinathan, Mr. M.Fayaz Ahamed and Mr.M.S.Karunakaran of second year presented a project on “Rocket Launching time setting using Timer Circuit” and won second prize.
- ❖ Mr. A.Aswin Palaniappa, Mr. R.Haridoss and Mr. B.Mohanraj of third year presented a project on “Battery Charger Using SCR” and won third prize
- ❖ Mr. R.Karthick and Mr. A.Dinesh of final year presented a project on “Object detector Robot”.
- ❖ Mr. P.Dineshkumar, Mr. T.Mohamed Raffik and Mr. N.Ragu of final year presented a project on “Control home appliances using IR Remote”.
- ❖ Ms. T.Ambika, Mr. Gopi Krishnan.K and Mr. Arunkumar.A of final year presented a project on “IR based Detecting system”
- ❖ Mr. H.Rasidha Banu, Ms. S.Uma Maheswari and Ms. A.Priya of final year presented a project on “Touch me not”.
- ❖ Ms. G.Janani, Ms. A.Deepalakshmi and Ms. C.Harini of final year presented a project on “Bank locker security System”
- ❖ Ms. R.Parameswari, Ms.K.Maheswari and Ms. L.Devi Priya of final year presented a project on “Automatic Head Light Controller”
- ❖ Ms. R.Manjula, Ms. R.Ponni and Ms. P.Nithya of third year presented a project on “Automatic Gate control using Microcontroller”
- ❖ Mr. M.Abdul Jeelan, Mr. B.Baskar and Mr. S.Prakash of third year presented a project on “Bus Identification System for Blinds”
- ❖ Mr. C.Menaga, N.Premalatha and Ms. R.Niraikalai of third year presented a project on “Intelligent Security system for ATM”
- ❖ Ms. R.Karthika, Ms. R.Evangalin Mercy and Ms.S.Anusha of third year presented a project on “Small Scale electricity production through domestic water tank using Hydro Electric power plant”

- ❖ Ms. X.Monisha, Ms. G.Jenova Jasmine and Ms.R.kalaiyarasi of third year presented a project on “Automatic street light controller”
- ❖ Mr. S.V.Giridharan, Mr. K.Ayyanar and Mr R.Karalmarks of third year presented a project on “Fire Fighting Extinguisher”
- ❖ Ms. A.Kavipriya, Ms. R.Gunasundari and Ms. S.Karthika of third year presented a project on “Sound Activated Lights”.
- ❖ Ms. L.Christilda Nancy, Ms. S.Durga lakshmi and Ms. B. Archana of third year presented a project on “Cell phone based street light Control”.
- ❖ Ms. S.Reena, Ms. P.Sangeetha and Ms. R.Sankaridevi of third year presented a project on “Mobile Detector”.
- ❖ Ms. P.Vidhya, Ms. R.R.Ramyaa and Ms. S.Rajeshwari of final year presented a project on “Anti theft alarm”.
- ❖ Ms. Silpa joseph, Ms. C.Tamizharasi and Ms. R.Thamizhselvi of final year presented a project on “Voice based home appliances Controlling”.
- ❖ Ms. E.Vidhyalakshmi, Ms. R.Saranya and Ms. M.Sripriya of final year presented a project on “Obstacle detection and alert system for blind person”.
- ❖ Ms. M.Sivaranjani, Ms. S.Saranya and Mr. S.Varunraj of final year presented a project on “Security System for fire with camera”.
- ❖ Ms. J.Sheelarani and Ms. P.Sindhuja of final year presented a project on “Telephone based muting System”.
- ❖ Ms. P.Uma Mageswari and Ms. S.Sandhiya of final year presented a project on “Gas leak detector with inbuilt timer control”.
- ❖ Ms. P.L.Srivaishnavi and Ms. M.Saranya of final year presented a project on “Burglar alarm”.
- ❖ Mr. S.Sivakumar, Ms. R.Srimathi and Ms. S.Vaitheeshwari of final year presented a project on “Heart rate monitor using 8051”.
- ❖ Ms. R.Sowmiya and Ms. R.Swarnalatha of final year presented a project on “Microcontroller based Programmable Security door lock”.
- ❖ Ms.A.Manonmani, Ms. M.Gomathi and Ms. N.Kirubashankari of second year presented a project on “Fire alarm”.
- ❖ Mr. R.Aravindhan, Mr. K.Sridhar and Mr. M.Mahendiran of second year presented a project on “Ultrasonic Anti Collusion”.
- ❖ Ms. N.Nanthini and Ms. R.Sumathi of second year presented a project on “Clever Rain alarm”
- ❖ Mr. K.Rajasekar, Mr. S.Ram kumar and Mr. J.Shahul Hameedh of second year presented a project on “Speed control temperature DC Fan”.
- ❖ Mr. R.Vignesh and Mr. P.Saravanan of second year presented a project on “Fuse Indicator Alarm”

Department of Computer Science and Engineering

- ❖ Mr. R.Satheesh Kumar, Mr. B.Ramkumar, Mr. A.Ramachandran and Mr. S.Rajaram of second year presented a project on “Application using adobe flash(car race)” and won the first prize
- ❖ Ms. R.Premalatha, Ms. S.Sivaranjani and Ms. N.Renuka Devi of third year presented a project on “Bus reservation” and won the second prize
- ❖ Mr. A.Thamizhmaran, Mr. B.Vinoth Kumar, Mr. S.Syed Adhil and Mr. E.Velmurugan of final year presented a project on “Social website” and won the third prize.
- ❖ Ms. M. Rubina Begam, Ms. B.Lekka and Ms. R. Sujatha of second year presented a project on “Car game & graphics”
- ❖ Mr. S.Suman Raj, Mr. S.Vinoth Kumar, Mr. S.Vijaya Kumar and Mr. M.Shivkumar of second year presented a project on “Placement cells in college using C and VB”.
- ❖ Ms. T.Vanitha, Ms. R.Renugadevi, Ms. R.Senthamarai and Ms. A.Athilakshmi of final year presented a project on “Road detection from a single image”.
- ❖ Mr. M.Azharudeen, Mr. M. Rasheed, Mr. T.Amul Raj and Mr. R.Iyyapan of second year presented a project on “Offline attendance in C”.
- ❖ Ms. S.Anurekha, Ms. R.Gunasundari and Ms.S.Ezhilarasi of third year presented a project on “DNA extraction & recognition”.
- ❖ Ms. R.Kavitha, Ms. K.Kalaiyarasi, Ms. R.Jayachitra and Ms. R.Nandhini of third year presented a project on “Blind image”.
- ❖ Mr. S.Ilanchezhiyan, Mr. A.Abdul Aziz, Mr. B.Arif, Mr. T.Iniyen Senthil and Mr. Kumar of third year presented a project on “Student feedback and transaction message”.
- ❖ Mr.E.Vinoth, Mr.A.Ragul, Mr.R.Rajasekar and Mr.S.Prabakaran of second year presented a project on “Railway application using C”.
- ❖ Ms. M.Dhanusri, Ms. G.Deviga, Ms. K.Dhivya and Ms. A.Kogilambal of second year presented a project on “Library management”.
- ❖ Ms. V.Malathi, Ms. D.Jayalakshmi, Ms. K.Monisha Kumari and Ms. S.Jayasri of third year presented a project on “Student report card & text to speech”.
- ❖ Ms. M. Dhivya, Ms. B.Divya, Ms. G.Meenakshi and Ms. R.Deepalakshmi of third year presented a project on “Fuzzy based classification”.
- ❖ Ms. S.Abirami, Ms. R.Animalar, Ms. S.Keerthana and Ms. B.Bhuneswari of second year presented a project on “Imagine world with and without engineers”.
- ❖ Ms. A.Thaslima, Ms. N.Suganya, Ms. PShanthi Priya and Ms. G.Vaishali of second year presented a project on “Games application using C, C++”.
- ❖ Mr.V.Prabakaran, Mr. M.Manikandan and Mr. G.Divakar of third year presented a project on “Student

report card generation”.

- ❖ Ms. B.Gajalakshmi, Ms. K.Aswini, Ms. T.Gayathri and Ms. R.Andal of third year presented a project on “File encryption and decryption”.
- ❖ Ms. R.Anitha, Ms. C.Arthi, Ms. M.Jayanthi and Ms.U.Kalaimathy of final year presented a project on “Gaming”.
- ❖ Ms. U.Dhiya, Ms. M.Sathyapriya and Ms. S.Gomathi of final year presented a project on “Univariant density kind of processor”.
- ❖ Ms. J.Nandhini, Ms. V.Bakkialakshmi, Ms. K.Chandralega and Ms. T.Deivanayagi of final year presented a project on “Histogram”.
- ❖ Ms. S.Sankari and Ms. R.Sowmipriya of third year presented a project on “Tic Tac toe games”.
- ❖ Mr. S.Santhosh, Mr. Y.Richard Jackson and Mr. A.Raj Kumar of third year presented a project on “Remote desktop connection”.
- ❖ Mr. D.Jegan, Mr. B.Rabin, Mr. B.Venkatesh and Mr. S.Sarathkumar of third year presented a project on “Hardware components”.
- ❖ Ms. S. Bharathi, Ms. N.Padmaja, Ms. A.Deepa and Ms. P.Kiruthika of third year presented a project on “Quiz programming in java”.
- ❖ Mr. J.Aravindh, Mr. A.Kalil rahuman, Mr. S.Aravind babu and Mr. M.Dharanidharan of third year presented a project on “Video making & casino games”.
- ❖ Ms. D.Mahalakshmi, Ms. M.Keerthana, Ms. P.Dhivya and Ms. T.Anupriya of second year presented a project on “Age calculation, Vehicles in driver safety control”.
- ❖ Mr. R.Tamilselvan, Mr. K.Vasantharajan and Mr. A.Anwar Hussian of final year presented a project on “Android application”.

Department of Information Technology

- ❖ Mr. S.Siva, Ms. A.Deepa and Ms. R.Sindhuja of second year presented a project on “Obstacle Detector And Avoider Robot Using Sensor” and won first prize
- ❖ Ms. D.Subthra, Ms. R.Nithya, Ms. V.Karthika and Ms. P.Priya of third year presented a project on “Iris Crypto System For Information Security” and won second prize
- ❖ Ms. M.Sowmiya, Ms. R.Abinaya and Ms. M.Mugilmathi of second year presented a project on “Games Using C Program” and won third prize
- ❖ Mr. V.Prakash, Mr. B.Somasundaram and Mr. R.Vagula Baranan of second year presented a project on “E-Ticket Management System For Buses”
- ❖ Mr. T.Baskaran and Mr. P.David Raj of final year presented a project on “Date Estimation System”
- ❖ Mr. M.Sivasuriyan and Mr. T.Prasanth of final year presented a project on “Head Movement Controlled Mouse”
- ❖ Mr. V.Manikandan and Mr. A.Manikam of final year presented a project on “A Sound Interact With Physically

Challenged People”

- ❖ Mr. G.Kamal and Mr. P.Tamil Thendral of final year presented a project on “Word To Speech Conversion”
- ❖ Mr. R.Janarthanan and Mr. P.Santhanakumar of final year presented a project on “Remote Access Computer[RAC]”

Department of Civil Engineering

- ❖ Mr. S.Prasad, Mr. D.Arikrishnan, Mr. S.Siva Guru and Mr. D.Pradhap of final year presented a project on “Straw House” and won first prize.
- ❖ Ms.B. Prabavathy, Mr. A.Ahraham Praveenkumar of second year and B.Sankaraiya & R.Rajakumaran of final year presented a project on “Modeling of Wall Construction by Waste Plastic Bottles” and won second prize.
- ❖ Mr. R.Vadivelu, Mr. E. Sathish and Mr. M. Rajkumar of final year presented a project on “Detailing And Layout of Subway Model” and won third prize.
- ❖ Mr. C.Govindhan, Mr.S.Udhayakumar and Mr. T. Hassanrashid of second year presented a project on “Design Of Rocket Launcher Model”.
- ❖ Mr. E.Subhash, Mr. S.Kannan, Mr. R.Bavithran and Mr. R.Chenna of second year presented a project on “Arrangement And Design Of Rotating Structure”.
- ❖ Ms. N. Idhayakani, Ms. T.Liniyarubi and Ms. S.Meena of second year presented a project on “Detailing of Watertank Model”.
- ❖ Mr. J. Dhanasekaran, Mr. B. Santhosh, Mr. E. Manikandan and Mr. R. Loganathan of third year presented a project on “Design A Layout of Railway Track”.
- ❖ Ms. M.Abinaya, Ms. K.Gayathri and Mr. M. Karthikeyan of third year presented a project on “Design of Suspension Bridge With Anchoring Method”.
- ❖ Ms. V.Sangeethapriya, Ms. K. Kanimozhi and Ms. R.Vijakumari of third year presented a project on “Design A Layout of International Airport”.
- ❖ Mr. S.Aravinth, Ms. V. Kalpana and Ms. S. Geetha of third year presented a project on “Testing And Drawing of Transmission Tower Lines”.
- ❖ Mr. M.Md.Riaz, Mr. K.Fawaz and Mr. C.Vigneshkumar of third year presented a project on “Proposal Model Of Green House”.
- ❖ Mr. S.Balaji, Mr. R.Parthiban and Mr. R.Sarathkumar of final year presented a project on “Modeling Of Floating Concrete Structure”.
- ❖ Mr. N.Rajiv Gandhi, Mr. K.Chandra Babu and Mr. M.Mohammed Navas of final year and Mr. K.Pandidurai of third year presented a project on “Working Process of Suspension Cable Bridge”.
- ❖ Mr. S. Ilaiya Kumar, Mr. S. Jahir Hussain and Mr. A. Vishabaraj of final year presented a project on “Treatment Process of Textile Waste Water as a Domestic Water Model”.
- ❖ Ms. J. Ranjitha, Ms. S. Sridevi, Ms. R Aruttselvi and Mr.

Alexandar of final year presented a project on “Detailing of Model in Bubble Deck Slab”.

- ❖ Mr. S.Balaji, Mr. R.Parthiban and Mr. Theepan Raj of final year presented a project on “Design a Very Large Floating Structure Model”.

Department of Science and Humanities

- ❖ Ms. Preethi.S & Ms. Illakia.R of CSE, presented a project on “Water Purification” and won first place.
- ❖ Mr. Ebinezer Sylwyan.E & Mr. Ferroz Ahamed.J of Mechanical, presented a project on “Pneumatic U Shaped Bending Machine” and won second place.
- ❖ Mr. Raja Kumar.S, Mr. Selva Ganapathy.M, Mr.Thirumavalavan.V of ECE and Mr.Gopi.K of EEE presented a project on “Vegetables, Fruits And Potato Energy Station” and won third place.
- ❖ Mr. John Sundar.S of EEE presented a project on “3-D Models”
- ❖ Ms.Siva Bharathi.M, Ms.Vimalshri.S and Ms. Vijaya Ragunathan.S of ECE presented a project on “Stem Cells”
- ❖ Ms. Ishwarya.K, Ms. Honey Preethi.J, Ms. Devi.S, Ms.Gayathri.P and Ms. Illakia.A of CSE presented a project on “Production of LPG Gas”
- ❖ Mr. Muthupandi.P, Mr. Rajamahendren.P of Civil and Mr. Sreenivasan.N of Mechanical, presented a project on “Green Leaves Produces Electrical Energy”
- ❖ Mr. Vishnu Prathap.K, Mr. Uthaya Kumar.P and Mr.Vinoth Kumar. K of ECE presented a project on “Automated Street Light”
- ❖ Mr. Deepak Kumar.M and Mr.Pasupathy.R of EEE presented a project on “Re-Use Of Fuse Tube Light”
- ❖ Mr. Abinеш.M, & Mr. Karthikeyan.V of ECE presented a project on “Total Internal Reflection Experiment”
- ❖ Mr. Palani Vel.A and Mr. Sarath Kumar.L of Mechanical presented a project on “Multi Drilling Machine”
- ❖ Mr. Ajay Valliappa.A, Mr. Vedyappan.L, Mr. Raja Ganesh.S.K. and Mr. Karthik.K of Mechanical presented a project on “Fire Alarm Indicator”
- ❖ Ms. Gracia Rosaline Sophie.S, Ms. Vidhya.P and Ms.Kumudha.A of CSE presented a project on “Mechanical Energy Into Electrical Energy”
- ❖ Mr. Siva Pragasaam.S, of EEE presented a project on “Tower of Hono”
- ❖ Mr. Suresh.S of EEE presented a project on “Rubiks”
- ❖ Ms. Bavani Rajan.G of EEE presented a project on “Triangle”
- ❖ Ms. Devi Sujashri.S, of ECE presented a project on “Theorem of Pythagoras”
- ❖ Ms. Koperundevi.S of ECE presented a project on “Algebraic Identity”
- ❖ Mr. Santhosh.S of ECE presented a project on “Projection of Solids”

- ❖ Mr. Priyamuthan.M of ECE presented a project on “Application of Pythagoras”
- ❖ Mr. Venkatesh.S and Surya Narayanan.S of CSE presented a project on “Maths Formula”
- ❖ Mr. Ajith Kumar.G of Mechanical presented a project on “Sin & Cos Function”
- ❖ Mr. Balaji.N of Mechanical presented a project on “Koinberg Bridge”
- ❖ Mr. Rajesh.J of Mechanical presented a project on “Fibonacci Numbers”
- ❖ Mr. Vishnudhasan.K of Mechanical presented a project on “Sin & Cos Functions”



DEPARTMENT OF PHYSICAL EDUCATION

Staff Activities

- ❖ Mr.A.Murali, Director of Physical Education was appointed as Selector for Anna University, Chennai Kho-Kho Team (Men) for South Zone Inter University competition for 2014.
- ❖ Mr.A.Murali, Director of Physical Education was appointed as an official for south zone Inter University Cricket (Men) Tournament conducted by Pondicherry University.

Students Activities

- ❖ Our college foot ball team won the third place in Intercollegiate foot ball tournament conducted at St. Annes College of Engineering and Technology, Panruti.
- ❖ Our college Kho Kho team won the runner up trophy in Anna University Zone V tournament conducted at V.R.S. College of Engineering and Technology.
- ❖ Mr. S. Anbarasan of second year Mechanical secured a place as reserved player in the inter university competition 2014 Kho Kho team.
- ❖ Ms. V. Mahalakshmi of final year IT participated in Athletics 100 mts, 4 x 100 relay and 4 x 400 m relay and won first place in all the events, Ms. T. Thilagavathi of final year ECE participated in Athletics 400 mts, 4 x 100 relay and 4 x 400 m relay and won first place in all the events, Mr. S.

Sathish of third year Civil participated in Athletics 5000 mts & 1000 Mts and won first place and second place respectively, Mr. A. Santhosh of final year Civil participated in Athletics 800 mts & 4 x 100 relay and won second and third place respectively in the events, Ms. A. Anitha of third year EEE participated in Athletics high jump & 4 x 100 relay and won second and first place respectively, Ms. R. Archana of final year IT participated in Hammer throw and won second place in the event, Mr. L. Prakash Kumar of final year CSE participated in Athletics 20 Kms Walk and won second place, Mr. T. Parthipan of second year Mechanical participated in Athletics 5000 mts & 10000 mts and won third place in both the events, Ms. P. Packialakshmi of second year IT participated in Athletics 400 mts & 10000 mts and won third place and won first place in 4 x 100 relay & 4 x 400 relay, Ms. Suganya of final year ECE participated in Athletics 4 x 100 mts relay and won first place, Mr. S. Vijayakumar of final year EEE participated in Athletics 200 mts & 4 x 100 relay and won third place in all the events and Mr. K. Surya, final year CSE, Mr. S. Arun, final year EEE & A. Arun, final year civil, participated in Athletics 4 x 100 relay and won third place conducted at Adhiparasakthi Engineering College in Anna University Zone V Athletics Championship Meet on 3rd and 4th October 2013 in the Anna University.



Editorial Committee :

Dr. P. Sivakumar, M.Sc., M.Phil., B.Ed., Ph.D.,
Professor, Department of Chemistry
Mr. T. Gobi, M.E., Asst. Prof. (Civil)
Mr. T. Jothimani, M.E., Asst. Prof. (Mech)
Mr. B. Arunkumar, M.E., Asst. Prof. (EEE)
Ms. R. Vijayalakshmi, M.E., Asst. Prof. (CSE)
Mr. S. Bharathiraja, M.E., Asst. Prof. (IT)
Mr. M. Vinoth, M.E., Asst. Prof. (ECE)