

VRSCET

News Letter

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

GRADUATION DAY

17th Graduation Day 2014 was held on 15th February 2015. Prof. Pratapsinh Kakasaheb Desai, President, Indian Society for Technical Education, New Delhi was the Chief Guest and distributed the degree certificates to 332 Graduates.



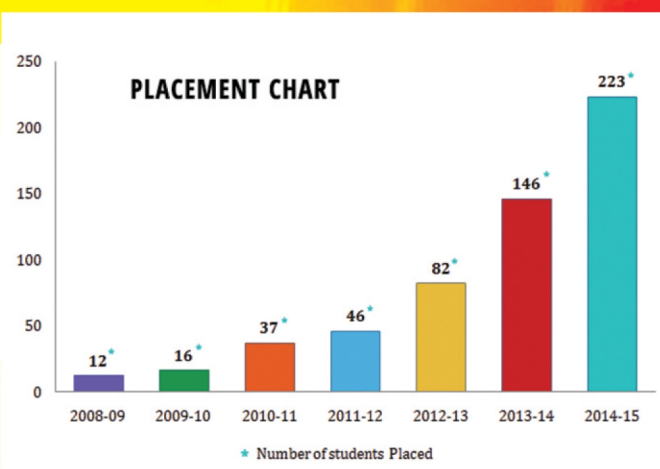
PLACEMENT RECORD

The efforts of training and placement cell are giving appreciable results every year in getting placements. In this academic year [from July 2014 to June 2015] 223 students were placed.



Annual Day

Annual day was celebrated on 20th March 2015. Mr. J. Sankar, Deputy Superintendent of Police was the chief guest. He distributed the Awards, Medals and Certificates 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.

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Department of Mechanical Engineering Association (The AME) Activities:



- ❖ The AME organised National level technical symposium “Mecxplosion-15” in association with ISTE on 13th February 2015. The inaugural address was given by Mr.M.Thiyagarajan, Manager, Cooper Bussmann, Puducherry.

Faculty activities :

Faculty pursuing higher studies :

- ❖ Mr.R.Ravisankar, Associate Professor is pursuing Ph.D. in Pondicherry University.
- ❖ Mr.S.Shanmugasundaram, Associate Professor is pursuing Ph.D. in Anna University.

Paper Publications:

- ❖ Mr.P.Sarangapani, Assistant Professor and Dr.G.Perumal, Professor published a research paper on “Tribological behaviour of aluminium 356 hybrid metal matrix composites” in the International Journal of Chemical and Pharmaceutical Sciences (Annexure-II), ISSN:0974-2115, Special Issue 9 April 2015.

Students Activities :

Technical Events :

- ❖ Mr.S.Guruvayurappan and Mr.T.Parthiban of third year participated in “Technical Quiz” and won third prize at Sri Manakula Vinayagar Engineering College, Madagadipet on 6th February 2015.
- ❖ Mr.S.Anbarasan of third year, Mr.J.Ferrosahamed and Mr.V.Kalaivanan of second year won

second prize in “Project Contest” at Karpagam University, Coimbatore on 17th February 2015.

- ❖ Mr.K.Sakthivel and Mr. R.Muthukrishnan of third year won second prize in “Project Contest” and Mr.S.Guruvayurappan and Mr.S.Anbarasan of third year won second prize in paper presentation on “Hydrogen Fuels” at Acharya College of Engineering and Technology, Puducherry on 20th and 21st February 2015.
- ❖ Mr.E.Gopal, of final year presented a paper on “Under water welding technology” at Sri Aravindar Engineering College, Sedarapet post, Villupuram district on 6th March 2015.
- ❖ Mr.J.Velmurugan, second year M.E (Product Design and Development) presented a paper under the guidance of Mr.D.Sathesh Kumar, Assistant Professor on “Influence of TiO₂ on hybrid composite material”, Mr.R.Vignesh, second year M.E (Product Design and Development) presented a paper under the guidance of Mr.M.Vijayakumar, Assistant Professor on “Investigation of mechanical characteristic of diffusion bonded Al and Mg” and Mr.S.Sivaraman, second year M.E (Product Design and Development) presented a paper under the guidance of Mr.T.Jotimani, Assistant Professor on “Mechanical Evaluation of AL 6061-Fly ash-SIC through Stir Casting” in International conference at Thiruvalluvar College of Engineering and Technology, Vandavasi on 7th and 8th March 2015.
- ❖ Mr.E.Krishna Deva Rayar, Mr.R.Richard Rozario, Mr.D.Vetrivel and Mr.T.V.Sanil of third year won second prize in “Project Contest” at Madha Engineering College, Kanchipuram on 13th March 2015.
- ❖ Mr.R.Arun kumar, of third year won first prize in paper presentation on “Automatic inflation of truck tyres” at Arunai College of Engineering, Tiruvannamalai on 25th March 2015.

- ❖ Mr.E.Krishna Deva Rayar , Mr.R.Richard Rozario , Mr.D.Vetrivel and Mr.T.V. Sanil of third year won second prize in “Project Contest” at IFET College of Engineering, Gangarampalayam on 28th March 2015.
- ❖ Mr.M.Gopala Krishnan, second year M.E (Product Design and Development) presented a paper on “Optimization of process parameters on material removal rate in WEDM for duplex 2205 using response methodology” under the guidance of Mr.S.Vinoth kumar, Assistant Professor, in National conference at College of Engineering, Guindy Campus, Anna University, Chennai on 16th and 17th April 2015
- ❖ Mr.M.Mariyappan, second year M.E (Product Design and Development) presented a paper on “Tribological behaviour of aluminium 356 hybrid metal matrix composites” under the guidance of Mr.P.Sarangapani, Assistant Professor, in International conference at Aarupadi Veedu Institute of Technology, Chennai on 23rd and 24th April 2015.
- ❖ Mr.S.Ramachandran, Mr.S.Saranraj and Mr.V.Parthiban of final year demonstrated a project on “Design and fabrication of leg wrapping machines for chair” under the guidance of Mr.S.Sivaguru, Assistant Professor, in the ICTACT student innovator award 2015 at ICT Academy of Tamilnadu, Chennai on 13th June 2015.

Department of Electrical & Electronics Engineering

Association (ASCOPE) Activities:

- ❖ In association with ISTE and Career Guidance Bureau, one day National level technical symposium was organized on 23rd March 2015. Mrs.G.Parvathy, Chief Executive officer, Aveon InfoTech Private Limited, delivered a guest lecture on “Opportunities for Electrical Engineers in future”. MOU was signed with “Aveon



InfoTech Private Limited. - Coimbatore” on 23rd March 2015 to provide industrial visits, in-Plant Training and job opportunities for students.

Faculty activities:

Workshop Participations:

- ❖ Mr.B.Arunkumar, Assistant Professor attended Anna University sponsored Faculty Development Programme on “EE 6502-Microprocessor and Microcontroller” held at IFET College of Engineering, Villupuram from 8th to 15th June 2015.

Paper Publications :

- ❖ Mr.G.Gnanavel, Assistant Professor published a paper on “Secure authentication for finger print, finger vein based on Fuzzy logic technique” in International Journal of Applied Engineering Research (Annexure-II), Volume 10, Issue 38, March 2015.
- ❖ Mr.B.Arunkumar, Assistant Professor published a paper on “A novel system for severity estimation of automotive accident with automatic notification” in International Journal of Emerging Technology in Computer Science and Electronics, Volume 13, issue 4, March 2015.
- ❖ Mr.G.Gnanavel, Assistant Professor published a paper on “Immediate assistant and remote monitoring for home alone elderly persons” in International Journal of Computing Technologies, Volume 4, Issue 3, June 2015.

Students Activities:

Technical Events:

- ❖ Mr.S.Akash John Britto and Mr.G.Ranjith of third year presented a paper on “Optimal power generation” in the National level technical symposium, held at Annai Teresa College of Engineering on 21st January 2015.
- ❖ Mr.G.Ranjith and Mr.S.Akash John Britto of third year presented a paper on “Bio-energy derivation of electricity from algae” in the National level technical symposium, held at Ganadhipathy Tulsi's Jain Engineering College on 24th January 2015.
- ❖ The second year students Ms.K.Kavipriya and Ms.P.Poovarasi presented a paper on “Renewable energy sources”, Ms.K.Anitha and Ms.A.Priya presented a paper on “Embedded systems based on vehicle”, Ms.A.Suganya and Ms.S.Indhumathi presented a paper on “Smart Grid” and Ms.N.Kirthika and Ms.S.Priyadharsini presented a paper on “Accidental prevention and protection by using special sensors” in National level technical symposium, held at E.S. Engineering College on 6th February 2015.
- ❖ The third year students Ms.R.Priyanka presented a paper on “Efficient approach for optimal placement of TCSC in Power market” and Mr.G.Ranjith and Mr.R.Karthikeyan presented a paper on “Wave energy conversion from rubber snake Anaconda” in the National level technical symposium, held at Arunai College of Engineering on 24th February 2015.

Paper Publications:

- ❖ Mr.J.Abdul Aziz khan of final year M.E. (Embedded System Technologies) published a paper on “Readiness of helper monitoring for home alone disabled and elderly persons” in International Journal of Innovative Research in Computer and Communication Engineering, volume 2, Issue 12, January 2015.

- ❖ Mr.A.Elumalai of final year M.E. (Embedded System Technologies) published a paper on “Monitoring and control system based on Airport boarding bridge using Zigbee Wireless Network” in International Journal of Advanced and Innovative Research, Volume 3, Issue 5, January 2015.
- ❖ Ms.M.Geetha of final year M.E. (Embedded System Technologies) published a paper on “Design and implementation of ARM based Children Tracking System” in International Journal of Advanced Research in Computer Engineering and Technology, Volume 4, Issue 1, January 2015.
- ❖ Ms.A.Sariga of final year M.E. (Embedded System Technologies) published a paper on “Extensible embedded web server for online farming” in International Journal of Scientific and Engineering Research, Volume 5, Issue 10, January 2015.
- ❖ Ms.K.Shobana of final year M.E. (Embedded System Technologies) published a paper on “Design and implementation of ARM based vehicle automation for legal safety” in International Journal of Advanced and Innovative Research, Volume 3, Issue 1, January 2015.
- ❖ Mrs.S.Jasmine Vanitha of final year M.E. (Embedded System Technologies) published a paper on “Automatic speech recognition and interpret for autism using augmentive and alternative communication” in International Journal of Advanced and Innovative Research, Volume 2, Issue 4, February 2015.
- ❖ Mrs.K.Manimozhi of final year M.E. (Embedded System Technologies) published a paper on “Translation of unintelligible speech of user into synthetic speech” in International Journal of Innovative Research in Computer and Communication Engineering, Volume 3, Issue 2,

February 2015.

- ❖ Mr.J.Jayaprakash of final year M.E. (Embedded System Technologies) published a paper on “Intelligent multi account ATM banking system using SIM Card” in International Journal of Applied Engineering Research, Volume 10, Issue 8, March 2015.
- ❖ Ms.V.Elamathi of final year M.E. (Embedded System Technologies) published a paper on “Design and Implementation of college Automation using Wireless Technology” in International Journal of Advanced and Innovative Research, Volume 3, Issue 4, March 2015.
- ❖ Mrs.B.Kartiga of final year M.E.(Embedded System Technologies) published a paper on “MANET based Children Tracking system using ARM microcontroller” in International Journal of Emerging Technology in Computer Science and Electronics, Volume 13, Issue 4, March 2015.
- ❖ Mr.D.Murugavel of final year M.E. (Embedded System Technologies) published a paper on “Group elevator scheduling with advance information for normal and emergency modes” in International Journal of Engineering Association, Volume 4, Issue 3, March 2015.
- ❖ Mrs.M.Premila of final year M.E. (Embedded System Technologies) published a paper on “Design and implementation of RFID based e-shopping system” in International Journal of Advanced and Innovative Research, Volume 3, Issue 5, March 2015.
- ❖ Mrs.K.Sathya of final year M.E. (Embedded System Technologies) published a paper “FPGA implementation of 3/6 SRFFT algorithm” for Length 6*m Dets” in International Journal of Advanced and Innovative Research, Volume 2, Issue 4, March 2015.
- ❖ Mr.G.Kalaimani of final year M.E. (Embedded System Technologies) published a paper on “Air

quality monitoring system based on zigbee wireless sensor network” in International Journal of Science and Engineering Research, Volume 3, Issue 4, April 2015.

- ❖ Ms.S.Subbulakshmi of final year M.E. (Embedded System Technologies) published a paper “Intelligent ground vibration and building management system” in International Journal of Engineering Research and Technology, Volume 3, Issue 14, April 2015.
- ❖ Mrs.K.Dharani of final year M.E. (Embedded System Technologies) published a paper on “Building safety management and automation system using PIC Microcontroller” in International Journal of Research in Engineering and Technology, Volume 2, Issue 5, May 2015.

Industrial Visit:

- ❖ Third year students visited Padmavahini Transformers Pvt. Ltd., Texto Electronics Pvt. Ltd., Orion Technologies Pvt. Ltd. and Axis Global Automation Pvt. Ltd., Coimbatore from 11th to 14th March 2015. Mr.S.Manimaran, Assistant professor and Ms.B.Ananthi, Associate professor guided them.
- ❖ PG Scholars of Embedded System Technologies visited Embedded System Solutions Pvt. Ltd., Centum Electronics Pvt. Ltd., Harry Soft Tech Pvt. Ltd., SM Electronics Pvt. Ltd. and Invendis Technologies Pvt. Ltd, at Bangalore from 19th to 22nd February 2015. Mr.G.Gnanavel and Ms.A.Priyadharsini, Assistant professors guided them.

Department of Electronics and Communication Engineering

Association (ELCENA) Activities:

- ❖ In association with ISTE and Career Guidance Bureau, National level technical symposium “ELCOMET- 2015” was organized on 27th February 2015. Mr.K.Amirtha Ganesh,



Development Executive, TCIL-IT Computer Education and Training Centre, Puducherry and Mr. G.Vignesh Ponnaiah, Human Resource, Skill Excellency, General Electricals, Bangalore inaugurated the event.

- ❖ In association with ISTE and Career Guidance Bureau, one day workshop had been organized on “Personality development and career building” on 9th March 2015. Mr. G.Vignesh Ponnaiah, Human Resource, Skill Excellency, General Electricals, Bangalore inaugurated the event.
- ❖ In association with ISTE and Career Guidance Bureau, one day seminar had been organized on “Vision to reality and success” on 14th March 2015. Mr. N.Anandhabaskaran, Consultant, Puducherry inaugurated the event and delivered the lecture.

Faculty 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.

Guest Lecture:

- ❖ Mrs. T.Priyadarsini, Assistant Professor delivered a guest lecture on “Digital Signal Processing” conducted by Dhivya Polytechnic College, Chetpet on 17th March 2015.

Conference Presentation / Workshop Participation:

- ❖ Mr.S.Parthiban and Mr.P.Paruthi Ilam Vazhuthi, Assistant Professors presented a paper on “Thermoelectric power harvesting in WSN for green house monitoring and control” in DRDO sponsored 2nd IEEE International conference at Karpagam College of Engineering, Coimbatore on 19th and 20th March 2015.
- ❖ Mr. R. Balasubramaniyan, Assistant Professor presented a paper on “An improved cluster based routing protocol with backup cluster head for MANET'S” in the 2nd National conference at Panimalar Institute of Technology, Chennai on 14th May 2015.
- ❖ Mr. G.Sadiq Basha, Associate Professor attended two days workshop on “Next generation RF and wireless technology for rural India” at IIITDM, Kancheepuram on 4th and 5th June 2015.
- ❖ Mr. K.Ramesh, Assistant Professor attended two days workshop on “Lab View based system design for multidisciplinary research application” conducted by KCG College of Technology, Chennai on 19th and 20th June 2015.

Prizes and Awards:

- ❖ Mrs. T.Priyadarsini, Assistant Professor was awarded second prize in ISTE- Srinivasa Ramanujan Mathematical Competitive Examinations 2014-2015 – Engineering College (Teachers Category) at Zonal level conducted by ISTE, New Delhi on 9th January 2015.

Publications:

- ❖ Mr.P.Paruthi Ilam Vazhuthi and Mr.S.Parthiban, Assistant Professors published a paper on “A survey on the use of 3D password in security” in International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2321-9653, Volume 3, Issue II, page no 452-454, February 2015.
- ❖ Mrs.A.Uma Maheswari, Prof./Head published a paper on “A novel approach of wavelet packet

transform for knock signal analysis” in Middle East Journal of Scientific Research, ISSN 1990-9233, Issue 23(6), page no 1047-1052, 2015.

- ❖ Mr.P.Paruthi Ilam Vazhuthi and Mr.S.Parthiban, Assistant Professors published a paper on “Thermoelectric power harvesting in WSN for green house monitoring and control” in the International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, page no 20,2015.

Students Activities:

Industrial Visit:

- ❖ Mr.G.Sadiq Basha & Mrs. S.Jaya, Associate Professors, Mrs. V.Gandhimathi & Mr. P.Paruthi Ilam Vazhuthi, Assistant Professors guided second year “A” section and “B” section students respectively to visit National Small Industries Corporation Limited, Chennai on 2nd February 2015.

Prizes and Awards:

- ❖ Mr. V.Hariharan of second year “A” section was awarded second prize in the ISTE- Srinivasa Ramanujan Mathematical Competitive Examinations 2014-2015 – Engineering College (Student Category) at Zonal level by ISTE, New Delhi on 9th January 2015.
- ❖ Ms. A.Manonmani and Ms. A.Agisha of third year “A” section won the second prize for the event “Word Runner” in the National level technical symposium, held at C.K. College of Engineering & Technology, Cuddalore on 28th March 2015.

Paper presentation:

- ❖ Second year students Ms. A. Pavithra and Ms. S. Sorna Priya presented a paper on “MEMS accelerometer based digital pen”, Ms. E.Nivetha and Ms. P. Swarnalakshmi presented a paper on “Networking of wireless sensor”, Mr. M. Priyamudhan and Mr. S. Vijayaragunathan presented a paper on “Application of MEMS

technology in space” and Ms. M. Priyanga and Ms. P. Sankari presented a paper on “CAN protocol implementation in vehicle” in National level technical symposium, held at Adhiparasakthi Engineering College, Melmaruvathur on 23rd January 2015.

- ❖ Ms.S.Sivaranjani and Ms.J.Sheelarani of final year “B” section presented a paper on “Rescuing the child from bore well through ARM based Robot” and won the second prize in National level technical symposium, held at V.R.S College of Engineering and Technology, Arasur on 18th February 2015.
- ❖ Mr.K.Rajasekar and Mr.R.Vignesh of third year “B” section presented a paper on “GiFi”, Ms.B.Archana and Ms.S.Durgalakshmi of final year “A” section presented a paper on “Android based girls safety by location tracking and emergency support system” and won the second prize in National level technical symposium, held at University College of Engineering, Villupuram on 5th & 6th March 2015.
- ❖ Ms.P.Rakshana and Ms. A. Reema Banu of third year “B” section presented a paper on “Underwater wireless communication” in National level technical symposium, held at Arunai College of Engineering, Thiruvannamalai on 13th March 2015.
- ❖ Ms.B.Jeeva and Ms.L.Jothimani of final year “A” section presented a paper on “Real time target tracking on surveillance of unmanned system” in National level technical symposium, held at University College of Engineering, Thirukuvalai on 13th March 2015.
- ❖ Ms. S. Bakkiyalakshmi and Ms. R. Kalpana of third year “A” section presented a paper on “Brain controlled artificial leg” in National level technical symposium, held at E.S. Engineering College, Villupuram on 14th March 2015.

- ❖ Ms. R.Srimathi and S.Reena of final year “B” section presented a paper on “FPGA implementation of human heart beat detection and ranging through a barrier using UWB approach” in National level technical symposium, held at S.K.P. Institute of Technology, Thiruvannamalai on 19th March 2015.
- ❖ Ms. K. Dhanalakshmi and Ms. L. Christilda Nancy of final year “A” section presented a paper on “Concurrent online BSIT architecture for VLSI testing”, Ms. A. Kavipriya and Ms. S. Karthika of final year “A” section presented a paper on “Multiplier architecture based on reversible gates for arithmetic logic unit” and Ms. S.Anusha, Ms. C.Gokila, Ms. B.Jeeva and Ms. S.Ezhilarasi of final year “A” section presented a paper on “Design and implementation of NAVEYE for blind people” in National level technical symposium, held at Adhi College of Engineering and Technology, Walajabad on 20th March 2015.
- ❖ Mr. S.Siva Kumar of final year “B” section presented a paper on “3D based hand gesture based computer interaction for on-specific users” in IEEE International conference, held at SVS College of Engineering, Coimbatore on 20th March 2015.
- ❖ Ms. S.Saranya of final year “B” section presented a paper on “An optimized design of fused add multiplied operator”, held at 2nd International conference at S.R.I. College of Engineering, Vandavasi on 23rd March 2015.
- ❖ Ms. G. Subhashini and Ms. P. Uma mageswari of final year “B” section presented a paper on “Home automation using Raspberry PI” and Ms.M.Saranya, Ms. P.L.Srivaishnavi and Ms.R.Suganya of final year “B” section presented a paper on “Renewable energy based wireless power transfer for mobile electrical vehicles”,

held at 6th National conference at Dr. Navalar Nedunchezhiyan College of Engineering, Thozhudur on 27th March 2015.

- ❖ Mr. R. Manimaran and Mr. P. Maniraj of third year “A” section presented a paper on “Cooling, heating, generating power and recovering the waste heat with thermo electric materials”, Ms. A. Manonmani and Ms. A. Agisha of third year “A” section presented a paper on “USB to USB data transmission connecting without PC using ARM processor”, Ms. N. Kirubashankari of third year “A” section presented a paper on “Bus identification system for blind people”, Mr. K. Rajasekar and Mr. R. Vignesh of third year “B” section presented a paper on “Digital Jewellery” and Mr. J. Shahul Hameedh and Mr. M. Mohamed Rizwan of third year “B” section presented a paper on “Stereo FM transmitter”, in National level technical symposium, held at C.K. College of Engineering & Technology, Cuddalore on 28th March 2015.
- ❖ Ms. R.Evangelin Mercy and Ms. R. Karthika of final year “A” section presented a paper on “Multiplier architecture based on reversible gates for arithmetic logic unit” in National level technical symposium, held at Hindustan University, Chennai on 28th March 2015.
- ❖ Ms. R. Thamizhselvi and Ms. Silpa Joseph of final year “B” section presented a paper on “Early warning system in buildings using multisensory” in 5th International conference, held at Jawahar Engineering College, Chennai on 5th April 2015.

Project Expo

- ❖ Mr. S.Aravindhan and Mr. L.Jothinathan of third year “A” section won the third prize for a project “Automatic dam shutter control”, Mr. M. Mohanraj and Mr. P. Saravanan of third year “B” section presented a project on “Automatic washroom light control using microcontroller”

and Mr. S. Ramkumar and Mr. K. Sundarapandian of third year “B” section presented a project on “Water level controller” in National level technical symposium held at C.K. College of Engineering & Technology, Cuddalore on 28th March 2015.

Publications:

- ❖ Ms. M. Gomathi, Ms. V.Lavanya and Ms. A.Manonmani of third year “A” section guided by Mr. K.Ramesh, Assistant Professor published a paper on “SRAM performance enhancement using sense amplifier based design technique” in International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394 – 3785, Volume 2, Issue 6, page no 10-14, June 2015.

Department of Computer Science and Engineering

Association (ASCOME) Activities:

- ❖ The Association of Computer Science & Engineering-ASCOME and Indian Society for Technical Education (ISTE) jointly organized a National level technical symposium, which was presided by Mr.K.Anand, Vice President, Azimuth Software India Private Limited, Puducherry. Mr.K.Baskar, Head of the Department of Computer Science and Engineering, SKP Engineering College, Thiruvannamalai and Mr. A. Kumaresan, Head of

the Department for Post Graduate programme in Computer Science and Engineering, SKP Engineering College, Thiruvannamalai acted as judges, on 18th March 2015.

Staff Activities:

Pursuing higher studies:

- ❖ Mrs.J.K.Jothikalpana, Professor is pursuing Ph.D. in Anna University, Chennai.
- ❖ Mr.A.Parthasarathy, Associate Professor is pursuing his Ph.D. at Rayala Seema University, Kurnool, Andhra Pradesh.

Guest Lecture:

- ❖ Prof.P.Karunanithi, Academic Coordinator delivered a guest lecture on “EE 6205: Microprocessor and Micro controller” in Anna University sponsored Faculty Development Training Program, held at IFET College of Engineering, Villupuram on 10th June 2015.

Conference Presentation:

- ❖ Mr.V.Vinothraj, Assistant Professor attended National conference on “DIGITAL INDIA 2015”, organized by ICTACT Bridge at Chennai Trade Centre, Nandambakkam - Chennai on 17th February 2015.
- ❖ Mrs.J.K.Jothikalpana, Professor presented a paper in 3rd International conference on “Intellectual analysis of students' observation using data mining and pattern matching” at SCAD College of Engineering and Technology on 6th March 2015.
- ❖ Ms.C.Leena, Assistant Professor presented a paper on “Learning and matching of dynamic shape manifolds for human action recognition” in 4th International Conference at Thiruvalluvar College of Engineering and Technology, Vandavasi on 7th & 8th March 2015.
- ❖ Ms.R.Gayathri, Assistant Professor presented a paper on “Community detection and sentimental analysis in social network” in 2nd International



Conference at S.R.I. College of Engineering and Technology, Vandavasi from 21st to 23rd March 2015.

- ❖ Mr.N.Gobinathan, Assistant Professor presented a paper on “Efficient and secure mail server from malicious attacks” in 2nd National conference at University College of Engineering, Villupuram on 31st March 2015.
- ❖ Mrs.S.Sindhuja, Assistant Professor presented a paper on “Shape retrieval using angular pattern and binary angular pattern” in 2nd National conference at University College of Engineering, Villupuram on 31st March 2015.
- ❖ Mrs.J.K.Jothikalpana, Professor presented a paper in Interdisciplinary National conference on “Intellectual performance analysis of students by using face occlusion and pattern matching” at University College of Engineering, Tindivanam on 29th & 30th April, 2015.

Paper Publication:

- ❖ Mr.V.Vinothraj and Mr.F.Destonius Dhiraviam, Assistant Professors published a paper on “Two-way cloud computing in research and educational surroundings using virtual cloud” in International Journal of Scientific and Engineering Research (ISJER), Volume 6, Issue 2, February 2015.
- ❖ Mrs.S.Sindhuja, Assistant Professor published a paper on “Shape retrieval using angular pattern and binary angular pattern” in International Journal of Technology and Engineering System (IJTES), Volume 7, No.4, 2015.

Seminar/Workshop/FDP/STTP Participation:

- ❖ Mr.M.BalaAnand and Ms.R.Gayathri, Assistant Professors attended two days National level workshop on “Social Network Mining & Analysis” at College of Engineering, Guindy (CEG), Chennai on 29th and 30th January 2015.
- ❖ Mr.M.BalaAnand, Assistant Professor attended three days workshop on “Big data tools”

organized by Department of Information Technology, Madras Institute of Technology campus, Chennai from 11th to 13th June 2015.

- ❖ Mr.N.Gobinathan, Assistant Professor attended Faculty Development Training Programme on “CS 6703-Grid & Cloud Computing”, sponsored by Centre for Faculty Development, Anna University, Madras Institute of Technology campus, Chennai from 15th to 21th June 2015.

Students Activities:

Project Expo:

- ❖ Mr.M.Dharanidharan, Mr.G.Divakar and Mr.P.S.Karan of final year presented a project on “Learning and matching of dynamic shape manifolds for human action recognition” and won the second prize in the inter-collegiate project Expo held at Dr.N.G.P. Institute of Technology, Coimbatore on 27th March 2015.
- ❖ Ms.R.Sumathi, Ms.S.Vasanthi and Ms.D.Sivaranjani of final year presented a project on “Wheel chair automation using speech recognition” and won the first prize in National level Project Expo, conducted by the Department of Computer Science and Engineering, held at IFET College of Engineering and Technology, Villupuram on 28th March 2015.
- ❖ Ms.J.Saranya, Ms.E.Sivasankari and Ms.S.Susikala of final year presented a project on “Compact vision sensor based assistive text reading technology for visually blind persons” and won the first prize in National level Project conducted by the Department of Information Technology, held at IFET College of Engineering and Technology, Villupuram on 28th March 2015.

Paper Presentation:

- ❖ Mr.M.Vignesh Balaji of final year presented a paper on “Data hiding and image compression into a single system” in National level technical symposium at Sri Manakula Vinayagar

Engineering College, Puducherry on 6th & 7th February 2015.

- ❖ Final year students Ms.B.Pradheeba, Ms.R.Sasireka, and Ms.S.Vanmathi presented a paper on “Intellectual analysis of students' observation using Data mining and pattern matching” under the guidance of Mrs.J.K.Jothikalpana, Professor and Ms.R.Jayachitra, Ms.K.Kalaiyarsi and Ms.R.Kavitha presented a paper on “A secure authorized data duplication using hybrid cloud” in 3rd International Conference at SCAD College of Engineering and Technology, Coimbatore on 6th March 2015.
- ❖ Final year students Mr.M.Dharanidharan, Mr.G.Divakar and Mr.P.S.Karan presented a paper on “Learning and matching of dynamic shape manifolds for human action recognition” under the guidance of Ms.C.Leena, Assistant Professor and Mr.K.Rajesh and Mr.R.Thirupathi presented a paper on “Online payment system using steganography and visual cryptography” in 4th International Conference at Thiruvalluvar College of Engineering and Technology, Vandavasi during 7th & 8th March 2015.
- ❖ Ms.S.Devi and Ms.K.Ishwarya of second year presented a paper on “Image Processing”, third year students Ms.S.Abirami and Ms.P.Aswinidevi presented paper on "Nano technology and its applications" and won the 2nd prize, Mr.M.Mohamed Rasheed presented a paper on "Data security mechanism in Cloud computing", Ms.R.Animalar and Ms.H.Karthika presented a paper on “Features of Big Data” in National level technical symposium at E.S. Engineering College, Villupuram on 11th March 2015.
- ❖ Ms.R.Sumathi , Ms.S.Vasanthi and Ms.D.Sivaranjani of final year presented paper on “Wheel chair automation using speech

recognition” in National conference at Sri Ganesh College of Engineering and Technology, Puducherry on 12th March 2015.

- ❖ Final year Students Ms.A.Priyanga, Ms.V.Sivaranjani and Ms.S.Subashini presented a paper on “Intelligent street lighting using a ZIGBEE network of devices& sensor”, Mr.B.Aarif, Mr.A.Abdul Aziz, Mr.T.Iniyansenthilkumar and Mr.A.Mariyan Arokiasamy presented a paper on “Image auto caption using GPS”, Mr.S.Arul, Mr.R.Balaji and Mr.D.Madhusudhanan presented a paper on “USB Activity data leakage detection and protection software”, Mr.S.Aravindh Babu, Mr.S.Babukarthik and Mr.A.KarthikRaja presented a paper on “A lightweight application for secure location sharing”, Ms.D.Priyadarshini, Ms.D.RajaRajeshwari and Ms.G.Rajeshwari presented a paper on “Voice based Navigation system for blind by using NRF23L01”, Mr.A.Anbuselvan, Mr.Harikuttan, Mr.S.Ilanchenzhiyan and Mr.R.Pavithran presented a paper on “Task Trail: Web search based on user reviews and rating”, Ms.S.Bharathi, Ms.M.Jayapriya and Ms.N.Padmaja presented a paper on “Index based multi-keyword search with time based ranking”, Ms.S.Anurekha, Ms.B.Gajalakshmi, Ms.T.Gayathri and Ms.M.Mangalakshmi presented a paper on “Context base mobile information catalog surveillance”, Ms.A.Anupriya, Ms.K.Aswini, Ms.R.Gunasundari and Ms.G.Meenakshmi presented a paper on “Privacy preserving information and ID assignment using Data Mining”, Ms.V.Malathi, Ms.K.MonishaKumari, and Ms.R.Nandhini presented a paper on “Web facial image for search based face annotation”, Mr.M.Manikandan, Mr.A.Mansoorali, and Mr.V.Prabakaran presented a paper “Multi resolution object detection and image capture”

and Third year student Mr.S.Rajaram presented a paper on “Digital Image Processing” in National level conference at SKP Engineering College, Thiruvannamalai on 19th March 2015.

- ❖ Ms.G.Shanmugapriya, Ms.R.Thenmozhi and Ms.M.Vaitheeswari of final year presented a paper “Community detection and sentimental analysis in social network” under the guidance of Ms.R.Gayathri, Assistant Professor in 2nd International conference at S.R.I College of Engineering and Technology, Vandavasi from 21st to 23rd March 2015.
- ❖ Final year students Ms.S.Ezhilarasi, Ms.R.Deepalakshmi, Ms.A.P.Devika and Ms.A.Deepa presented a paper on “Secure user revocation in public auditing of shared data in the cloud”, Ms.M.Yuvashree, Ms.A.Suganya and Ms.R.Subashini presented a paper on “Object oriented shadow detection and removal in urban area”, Mr.J.Aravindh, Mr.A.Kalilrahuman and Mr.K.Logeswaran presented a paper on “Emergency help alerts using proximity sensor in android mobile device”, Ms.D.Jayalakshmi, Ms.S.Kalaiselvi and Ms.V.Krithika presented a paper on “Merging genomic and clinical data for personalized medicine” and Ms.M.Dhiya, Ms.B.Divya and Ms.M.Kalaiyarasi presented a paper on “Analysis and detection on the propagation of modern malware” in 2nd National conference at Jay Shriram Group of Institutions ,Tirupur on 23rd March 2015.
- ❖ Ms.M.Gomathi, Ms.R.Abirami, Ms.R.Andal and Ms.M.Lavanya of final year presented a paper on “Power theft detection and intimation system using GSM” in 6th National conference at Dr.Navalar Nedunchezhiyan College of Engineering, Tholudur on 27th March 2015.
- ❖ Final year students Mr.S.Vigneshkumar, Mr.M.Sathishkumar, Mr.R.Sathyamoorthy and

Mr.B.Venkatesh presented a paper on “Key-aggregate cryptosystem and parallel Allocation in Cloud storage” , Mr.T.Vigneshkumar and Mr.M.Venkatesan presented a paper on “Location based service and alert in intelligent transport system”, Mr.G.Vignesh, Mr.D.Jegan and Mr.P.V.Venkatavarathan presented a paper on “Web based real time video communication system using WEBRTC”, Mr.P.Viknesh presented a paper on “Finest way vehicle detection and recognition based on AMR sensor”, Ms.R.Premalatha, Ms.T.Padmalatha and Ms.N.Renukadevi presented a paper on “Shape Retrieval Using Angular Pattern and Binary Angular Pattern” under the guidance of Mrs.S.Sindhuja- Assistant Professor, Ms.S.Sankari, Ms.S.Sivaranjani and Ms.R.Sowmipriya presented a paper on “Identifying fake user's in social networks using Non Verbal behaviour” and Ms.S.Jayasri, Ms.P.Kanimozhi and Ms.R.Kiruthika presented a paper on “Efficient and secure mail server from malicious attacks” under the guidance of Mr.N.Gobinathan, Assistant professor in 2nd National conference at University College of Engineering, Villupuram on 31st March 2015.

Department of Information Technology

Association activities:

- ❖ Association of Information Technology (INTECA) in association with ICTACT





organized a power seminar on “Cloud Computing & Big Data” conducted by Mr.S.Bhanu Kumar, Lead Consultant, IT Service Organization, ICT Academy of Tamilnadu on 4th February 2015.

- ❖ Association of Information Technology (INTECA) in association with ISTE organized one day National level technical symposium “TERA-15” on 25th March 2015. Mr.Saravanan Lalbagathur, Project Analyst, Altechz solutions Pvt Ltd, Chennai, inaugurated and delivered the address. Mr.R.Arun Prakash, Assistant Professor, Department of Computer Science and Engineering, University College of Engineering, Ariyalur, acted as jury and selected the best papers.

Staff Activities:

Conference Presentations & Seminar/Workshop Participations:

- ❖ Mrs.G.Sumalatha, Assistant Professor attended ISTE sponsored two days workshop on “Android Application Development” at Adhiyamaan College of Engineering, Hosur on 9th and 10th February 2015.
- ❖ Mr.S.Shanmugam, Assistant Professor attended a one day seminar on “Author Workshop” sponsored by Springer Journal of Anna University at CEG Campus, Guindy, Chennai, on 18th April 2015.
- ❖ Mr.S.Bharathiraja Assistant Professor and Head

i/c and Mrs.G.Sumalatha, Assistant Professor attended a workshop on “Open Source Software” at TRP Engineering College, Trichy on 15th June 2015.

- ❖ Mr.K.Ramesh and Mr.P.Manivannan, Assistant Professors attended a two day FDP on “Creative Thinking” sponsored by ICTACT at Krishnasamy College of Engineering and Technology on 29th and 30th June 2015.
- ❖ Mr.S.Shanmugam, Assistant Professor attended a seven day FDTP on “Cloud and grid computing” sponsored by Anna University at MIT Campus, Chennai from 15th to 21st July 2015.

Students Activities:

Paper presentation:

- ❖ Ms.R.Nithya, Ms.E.SeljaThilagavathi and Ms.T.Fathima of final year presented a paper on “Employee Tracking System Using GPS on Mobile Phones” in National level technical symposium at Annai Teresa College of Engineering, Thirunavalur on 14th February 2015.
- ❖ Ms.E.SeljaThilagavathi and Ms. T.Fathima of final year presented a paper on “Human mobility enhances global positioning accuracy for mobile phone localization” in International conference at VetriVinayaha College of Engineering and Technology, Trichy on 28th February 2015.
- ❖ Ms.G.Lakshmi Devi of final year presented a paper on “E-Voting System using Android Smartphone” in the National conference at AarupadaiVeedu Institute of Technology, Kanchipuram on 5th and 6th March 2015.
- ❖ Third year students Mr.R.Gokulram presented a paper on “Nano Robots-Heart Surgeon”, Mr.V.Thiruvikraman and Mr.R.Vagulabranan presented a paper on “Artificial Intelligence” and Mr.B.Somasundaram presented a paper on “Cloud Computing” in National level technical symposium at E.S Engineering College on 11th March 2015.

- ❖ Mr.V.Thiruvikraman of third year presented a paper on “Digital Image Processing” in National conference at SKP Engineering College, Tiruvannamalai on 19th March 2015.
- ❖ Mr.D.Surendar, Mr.V.Premkumar and Mr.C.Vivek of final year presented a paper on “Cloud mobile media using android smartphone” in National Conference at Dhanalakshimi Srinivasan Engineering College, Perambalur on 19th March 2015.
- ❖ Mr.D.Surendar, Mr.V.Premkumar and Mr.C.Vivek of final year presented a paper on “Big data analysis in cloud storage” in International conference at S.R.I College of Engineering and Technology, Vandavasi on 21st and 22nd March 2015.
- ❖ Ms.D.Subathra and Ms.V.Karthika of final year presented a paper on “Privacy preserving multi-keyword ranked search over encrypted cloud data” in National conference at Jay Shriram Group of Institutions, Tirupur on 23rd March 2015.

Department of Civil Engineering

Association (ACE) Activities:

- ❖ In association with ISTE and Career Guidance Bureau, one day National level seminar was organized on 23rd February 2015. Er. R. Thayumanavan, State President, FACEAT&P delivered a guest lecture on “Scope of civil engineers”.
- ❖ One day National level technical symposium “RACENG'15” was organised on 24th March 2015. The inaugural address was given by Er. S.Maran@Thangamanimaran, Managing Director, JENO Maran Builders (Pvt.) Ltd. Puducherry.

Conference Presentation / Workshop Participation:

- ❖ Mr. M. Shyamkumar & Mr. K. Yuvarajan, Assistant Professors attended one day National seminar on “Modern techniques in building



projects”, conducted by Indian Concrete Institute (ICI) on 7th February 2015 at Anandha Inn, Puducherry.

Students activities:

- ❖ Mr. V. Aravindhan of final year presented a paper on “Geo-polymerization” and secured 2nd prize and also participated in the event “Technical Quiz” and secured 1st prize in National level technical symposium at CARE Group of Institutions, Tiruchirappalli on 18th February 2015.
- ❖ Mr. V. Aravindhan of final year presented a paper on “Advance transport system using remote sensing” and secured 2nd prize in the National level technical symposium at Muthayammal Engineering College, Rasipuram on 21st February 2015.
- ❖ Third year students Mr. S. Udhaya kumar & Mr. R. Vinoth Kumar presented a paper on “Seismic resistant structure” and secured 3rd prize and also participated in the event “Plot the Plan” and secured 1st prize in National level technical symposium at Shri Andal Alagar College of Engineering, Mamandur on 28th February 2015.
- ❖ Mr. S. Karthikeyan of third year participated in the event “Paper EXPO” and secured 1st prize in National level technical symposium at Sri Krishna College of Engineering and Technology, Coimbatore on 18th March 2015.



- ❖ Mr. S. Udhaya kumar of third year participated in the event Oral Presentation and secured 3rd prize in National level technical symposium at Annamalai University, Chidambaram on 25th March 2015.
- ❖ Mr. S. Udhaya kumar, Mr. R. VinothKumar and Mr. R. Bavithran of third year participated in the event Multimedia and secured 1st, 2nd & 3rd prize and Mr. S. Udhaya kumar of third year participated in the event Debugging and secured 3rd prize in National level technical symposium at Trichy Engineering College, Trichy on 26th March 2015.
- ❖ Mr. N. Sasikumar, Mr. R. Gopinath, Mr.E. Subash & Mr.S.P. Venkatesh of third year presented a project on “Earthquake resistant structures” and secured 1st prize in National level project expo at IFET College of Engineering, Villupuram on 28th March 2015.

Department of Science and Humanities

Workshop/ Seminar/FDP Participation:

- ❖ Mr.R.Arumugam and Mr.G.K.Veeramani, Assistant Professors in Mathematics participated in Bridge course on Engineering Mathematics, Mr.M.Vijayalexander, Assistant Professor in Physics participated in Bridge course on Engineering Physics and Mr.T.Sankar, Assistant Professor in English participated in Bridge course on Technical English, on 29th and 30th June 2015, at College of Engineering, Guindy, Anna University, Chennai.

Conference Presentation:

- ❖ Mr.A.Senthamizhan, Assistant Professor in Physics presented a paper on “Growth and characterization of pure and doped l-threonine acetate crystals” in National seminar sponsored by UGC-SAP & DST at Annamalai University on 23rd and 24th January 2015.
- ❖ Dr.N.Manivannan, Assistant Professor in Chemistry presented a paper on “7, 9-bis (4-chlorophenyl)-6-methyl-1,4-dioxo-8-azaspiro[4.5] decane docking with thrombin inhibitor (3DA9) act as an anticoagulant” in National seminar organized by Department of Industrial Chemistry, School of Chemical Sciences Alagappa University, Karaikudi on 6th and 7th March, 2015

Guest Lecture

- ❖ Dr.N.Manivannan, Assistant Professor in Chemistry delivered a guest lecture on “Structural determination by organic spectroscopy” at Thiruvalluvar Arts & Science College, Kuringipadi on 26th February 2015

Entrepreneurship Development Cell

- ❖ Department of Science & Technology and Entrepreneurship Development Institute of India sponsored three Days Programme on "ENTREPRENEURSHIP AWARENESS CAMP" was conducted by Entrepreneurship



Development Cell from 2nd to 4th February 2015. Er. K. Magalingam, General Manager, District Industries Center, Villupuram, Mr. P. Sivakumar Chief Executive Officer, Shriram Electro Chemical Company, Pondicherry & Mr. Ramachandran, Lead District Manager, Indian Bank, Villupuram were the resource persons.

Alumni Meet

- ❖ ALUMNI MEET 2014 was organized at our college on 11th January 2015.

Department of Physical Education

- ❖ Our Cricket team participated in 10th Mahaveer memorial inter district T20-Tournament conducted by Villupuram District Cricket Association from 31st January to 15th February 2015.
- ❖ Our Kho -Kho team participated in the state level inter-collegiate Kho-Kho tournament hosted by Thiagarajar Engineering College, Madurai on 9th and 10th March 2015.
- ❖ Our Cricket team won the second prize in Vikravandi Cricket Club, summer knock out cricket tournament, conducted from 28th April to 10th May 2015.
- ❖ Our Football team participated in TFA-Villupuram District Football Association League, 2014-2015, 7 Matches (season) from 4th April to 17th May, 2015.

Placement Details

- ❖ The efforts of training and placement cell are giving appreciable results every year in getting placements. In this academic year [from July 2014 to June 2015] 223 students were placed.

1	Amar Prakash Developers	1
2	Aveon Infotech	4
3	Axis Global Automation	6
4	Deccan I Services Pvt. Ltd.	3
5	Eureka Forbes	22
6	IT Ware	5
7	Itian Info Labs	1
8	Kaivalya Tech Service	10
9	Max IT Solutions	20
10	Melio Systems	1
11	Reliance Communication	80
12	Rifluxys	8
13	Roadmap IT Solutions	1
14	Scope Technology	2
15	Sharp Design Technologies	4
16	Shree R.R. Machine Tools	21
17	SNY Autotech Pvt. Ltd.	30
18	Soft Square	2
19	Trinity Publishing Solutions	2
Total		223



Editorial Committee

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- Mr. B. Arunkumar, Asst. Prof. / EEE / Member
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