

Faculty Orientation Programme 2014



Faculty Induction Programme for newly joined Faculty members of our college was conducted on 22.02.2014. Twenty two newly joined Faculty members attended the programme.

Dr.B.Chidamabara Rajan, the Principal, inaugurated the programme and gave an overall view about the Faculty Induction Programme.

Dr.M.Murugan, Vice Principal spoke on the "Job Responsibilities of the Engineering College Teachers". He stressed the importance of teacher's role as Academic, Research and Administrative works.

Dr.H.Krishnan,

Professor & Head, Dept. of Physics delivered a lecture on the "Best Practices in Engineering College" and also explained the official procedures followed for various activities in the college.

Dr.M.Anbuezhayan, ISO-MR & Asst. Professor (Sel.G), Dept. of Physics elaborated the "ISO Processes" of ISO 9001:2008 followed in our college.

Prof. N. Lakshmana Perumal, Professor & Head, Dept. of English delivered a lecture on "Student Counseling and Discipline".



Best Outgoing Student

S.No.	Department	Name of the Student
1.	CIVIL	Shantanu Singh
2.	CSE	K.Akila
3.	EEE	V. Sindhuri
4.	ECE	S. Anusuya
5.	EIE	Avinash Kumar
6.	MECH	R. Manimaran
7.	IT	S. Soundhararajan
8.	M.E-CSE	K. Ganesan
9.	M.E-PS	N.B. Seshankar
10.	M.E-Comm. Sys	J. Jenisha
11.	M.E-C&I	R. Padmayoga
12.	MBA	C. Vel Ramesh
13.	MCA	K. Divya

Special Achiever Award

S.No.	Department	Name of the Student
1.	CSE	M.Karthikeyan Developed a Speech Synthesizer
2.	CSE	K.Gokulan Guinness Record for Origami
3.	CSE	S. Venkatesh Developed an Application for Windows
4.	ECE	P. SaiSharan Title Winner of Airtel Super Singer
5.	ECE	Hemavinotheni Gopu National Level Softball Player
6.	ECE	V. Vivetha National Level Contemporary Dancer
7.	MECH	V. Kishore Social Worker
8.	IT	N. Vaithianathasamy Expert in playing Mridangam
9.	MCA	H. Rasik Raja Student Editor in Ananda Vikatan
10.	EIE	R. Vasudevan National Level Ball Badminton Player

The Department of Civil Engineering

The Department of Civil Engineering organized a Guest Lecture on “The Reuse of Waste Water Using Membrane Technology” on 31st January, 2014. Dr.S.V.Srinivasan, M.E., Ph.D Scientist, Department of Environment Technology, Central Leather Research Institute (CLRI) was the Guest Speaker.

Mr. Bimal Mohan.T.C, Asst.Prof attended a three days workshop on the topic “Sustainable Engineered Concrete” organized by the CSIR-Structural Engineering Research Centre held at CSIR Campus, Taramani, from 05.02.2014 to 07.02.2014.

Mr.P.Elangovan, Asst.Prof & Mr.S.Suresh Babu, Asst.Prof attended a two day International Conference on Advances in the Civil Engineering & Chemistry of Innovative Materials and Presented a Paper titled “Experimental Study on the Effect of Copper Slag as a Fine Aggregate on the Properties of High Performance Cement Mortar Cubes Incorporating Nano Silica” held at the SRM University, Ramapuram Campus on 13th and 14th March, 2014.

Mr.V.Sathish Kumar Asst.Prof & Mr.V.Jaganathan, Asst.Prof attended a two day International Conference on the Advances in Civil Engineering & Chemistry of Innovative Materials and presented a paper titled “The Study of the Properties of Glass Fibre Reinforced Geo Polymer Concrete” held at the SRM University, Ramapuram Campus on 13th and 14th March, 2014.

Ms.Keerthana Rani.M.S, Asst.Prof attended a two day International Conference on the Advances in Civil Engineering & Chemistry of Innovative Materials and presented a paper titled “A Quantitative Comparison Between Electro Coagulation and Chemical Dosing” held at the SRM University, Ramapuram Campus on 13th and 14th March, 2014.

The III year Section-B Students (Total Strength-50)went on a one day Industrial Visit to the “Chennai Metropolitan Water Supply and Sewage Board” at Perungudi on 26th, March 2014.

The III year Section-A Students (Total Strength-53) went on a one day Industrial Visit to the “Sewage Water

Treatment Plant” at Nesappakkam STP on 13th March, 2014.

The Department of Civil Engineering organized the Inaugural Function of the “Engineering College Student Chapter” of The Institute of Engineers (India) on 26th March,2014 at the Valliammai Engineering College at 2.00pm. Er.T.M.Gunaraja, FIE., Chairman, The Institute of Engineers (India) Tamilnadu State Centre was the Chief Guest.



Inauguration of “Engineering College Student Chapter”

STUDENT ACTIVITIES

The II year Student S.Laxman Gopal presented a paper on “Think 1000 times before Rejecting Anything Indian, Think 1000 times before Accepting Anything Foreign” in Vivekananda's Birth Anniversary function held at Sri Ramanujar Engineering College on 8th January, 2014.

N. Vigneshwarar III year student participated in the “Paper Presentation” on “Remote Sensing and GIS Techniques” held at the Panimalar Engineering College on 25th January 2014 and secured First Prize.

The III year students V.Archana and B.R. Harini participated in the “Paper Presentation” on “Ballast Water Management” held at the CEG Campus Anna University on 30th January 2014 and were awarded the Second Prize.

The III year students V.Archana and B.R. Harini participated in the event “Mega Structures” held at the CEG Campus Anna University on 30th January 2014.

The III year students S.Vijayaravind and M.Mohamed Ashiek participated in the “Paper Presentation” on ‘Replacement of Coarse Aggregate with Recycled Plastic’ held at the Chennai Institute of



Industrial Visit to "Sewage Water Treatment Plant" at Nesappakkam

Technology, Kundrathur on 11th February, 2014 and were awarded the Second Prize.

The III year students S.Vijayaravind and M.Mohamed Ashiek participated in the "Technical Quiz" held at the Chennai Institute of Technology, Kundrathur on 11st February, 2014 and were awarded the Second Prize.

The III year Students M.Dyaneshwaran and P.Jaganathan attended a two day Workshop on the "Recent Trends of Remote Sensing and GIS in Surveying" held at the SCSVM University on 14-15th Feb, 2014.

The III year Student P.Jaganathan attended a one day workshop on the "Construction Surveying" held at the VIT University on 16th February, 2014.

The III year students V.Archana and B.R. Harini attended the National Conference and presented a paper titled "Ballast Water Desalination" held at the M.N.M. Jain Engineering College on 28th Feb, 2014

The II year Students V.Joshua & C.Arun attended a workshop on the "Tall Building Structures" conducted by IIT Alumni Association at the Civil Simplified Center on 1st March, 2014.

The III year students V.Archana and B.R. Harini attended the International Conference and presented a paper titled "Desalination of Ballast Water by Carbon-Aerogel" held at the National Institute of Ocean Technology, Chennai on 5th March, 2014.

The III year Students Syed Ul Mubarak, Vigneshwarar.N, Vijay Aravind.S, Sandhana Socrates.S, and Niranjana.V.R participated in the "Making of Concrete Cricket Bat" held at the IIT, Madras on 8th March and were awarded the 8th Place.

The II year Students, S.Abisheka, C.Arun, N.Celestin Thivya Raj, S.Jagan, P.M.Jagadesh rajan, V.Joshua, S.Laxman Gopal attended a one week "NSS Special Camp" at Orathur Village from 12.03.2014 to 18.03.2014.

The III year student V.Archana participated in the "Paper Presentation" on the topic "Remote Sensing & Ocean" held at the CEG Campus Anna University on 27th March, 2014 and was awarded the Third Prize.

The III year students V.Archana and T.Mathiyalagan participated in the event "CONFLOAT" held at the CEG Campus Anna University on 27th March, 2014.

The III year Students R.Gunavathy, and G.Aravinth Raj participated in the Paper Presentation on the "Low cost Recycling system" held at the CEG Campus Anna University on 27th March, 2014.

The III year Students R.Gunavathy, G.Aravinth Raj and M.Mohamed Ashiek participated in the event "DETOUR" held at the CEG Campus Anna University on 27th March, 2014 and were awarded Third Prize.

The III year Students R.Gunavathy, G.Aravinth Raj and T.Mathiyalagan participated in the Poster Presentation on the "Independence in Independent India" held at the CEG Campus Anna University on 28th March, 2014.

The III year Students, Ganesh@ Karthikeyan, B.R.Harini, Vigneshwarar.N, Abdul Basith, P.Kiruthika, John Jeffery Sams, MuthuVignesh, Krishnamoorthy participated in a one day workshop on the "Ductility Beam" held at the CEG Campus Anna University on 28th March, 2014.

The Final year Students Abirami and Chelsasini participated in a one day workshop on the "Ductility Beam" held at the CEG Campus Anna University on 28th March, 2014.

The II year Student Abdur Rahman Zuahir participated in a one day workshop on the "Ductility Beam" held at the CEG Campus Anna University on 28th March, 2014.

The III year students V.Archana, Harini.B and Vigneshwarar.N participated in the event "Think Smart" held at the CEG Campus Anna University on 29th March, 2014 and were awarded 1st Prize.

The III year students V.Archana, Harini.B and Vigneshwarar.N participated in the Event “Reason It” held at the CEG Campus Anna University on 29th March, 2014 and were awarded 1st Prize.

The Department of Computer Science and Engineering



On the occasion of Business Process Management

A one day Seminar was organized on 14th Feb 2014, on BUSINESS PROCESS MANAGEMENT. Mr.Vijay Ramakrishnan, Senior Solution Architect, Tech Mahindra was the Guest Speaker. The Final year UG and PG students were benefitted.

The paper “Fuzzy Logic Implementation of Fingerprint Mechanism for Secure Transaction and Identity Authentication in M.Commerce” by Dr.B.Vanathi (HOD/CSE) and K.Shanmugam (Final yr PG student) was published in the International Journal(IJASET) Vol.1, Issue 3, Jan'14.

The Paper 'Enhancing Secure Transaction and Identity Authentication in M-Commerce” by Dr.B.Vanathi(HOD/CSE) and K.Shanmugam (Final yr PG student) was published in the International Journal(IJRAET) Vol.2,Issue 2,Jan'14.

The paper “Healthcare Monitoring Solution with Decryption Outsourcing by Parallel Computing in Cloud” by Mr.C.Vijayakumaran(A.P) and Mr.C.Ganesan (PG Student) was published in the International Journal(ICGICT'14)vol.2,Special issue 1, March14.

The Paper “Location Aided Cluster based Geographical Routing Protocol for Intermittently Connected MANET” by Mr.B.Muthusenthil (A.P) was

published in the International Journal (IRECOS) on Jan 21.

The Paper “The Impact of Location Based Attacks on Geographical Routing Protocols” by Mr.B.Muthusenthil (A.P) was published in the International Journal(JATIT) on Jan 21.

The Paper “Enhancement of Software Effort Analysis using Web Based Tool Estimator” by Mr.M.Senthil Kumar(A.P) and N. Meenakshi(PG Student) was published in the International Journal of Innovative Research in Science, Engineering & Technology, Volume 3,issue 3, on 3rd March 2014. ISSN-2319-8753

The Paper “Usability Matrix On Dynamic Datasets For Cloud Storage Solution Framework” by Ms.S.Shanthi (A.P) and Ms.S.Dharani was published in the International journal (ICGICT'14) vol.2, Special issue 1, March14.

The Paper “Speed Based Approach For Traffic Flow Estimation In VANET” by Mr.G.Kumerasan(A.P) was published in the International Journal of Engineering and Research & Technology vol.3-issue 2, Feb. 14.

The paper “Multi Resolution Pruning Based Co-Location Identification in Spatial Data” Ms.V.Prema (A.P) and R.Selvasudhan(II M.E) was Published in the International Journal of Innovative Research in Computer and Communication Engineering.vol.2 ,special Issue 1, March 2014.

Ms.G.Sangeetha(A.P) participated in the “National Conference on the Recent Enhancement in Advanced Computing Technologies” on 22nd March paper titled “Improved Algorithm For Inferring User Search with Feedback Sessions”.

The Paper “Secured and Prioritized Traffic Signal Control on Vehicular Adhoc Network” was presented in the National Conference(AICT 2014) by Mr.L.Karthikeyan (A.P),and Final year students S.Renganatha Krishna ,B.Revathy and V.Suganya was published in the proceedings(ISBN 978-0-9894254-5-2).

Mr.G.Kumaresan (A.P),O.Arunkumar(IV yr),Dasararaju Hema(IV yr) presented a paper “Video Transport over Vanet Using Advanced Grey Relational Analysis” in the National Conference on the “Advances

in Information and Communication Technology-2014" at Sri Venkateswara College of Engineering" Feb. 14.

Mr.G.Kumaresan (A.P) participated in the workshop on "Datamining / Webmining" organized by the ARS College of Engineering held on 16th March 2014.

Mr.G.Kumaresan (A.P),S.Asha(IV yr),M.Ambika Eswari(IV yr) presented a paper "Urban Video Streaming Over Vehicular Adhoc Networks" in the National Conference on the "Advances in Information and Communication Technology-2014" at Sri Venkateswara College of Engineering on Feb. 14.

The Paper "Personalised Mobile Search Engine with GPCA Algorithm" by Mrs.S.Suma (A.P) and K.Murugan (P.G student) presented a paper in the International Journal of Innovative Research in Science, Engineering & Technology volume 2, special issue 1 March 2014. ISSN-2320-9801 in the International Conference on Global Innovations in the Computing Technology Organized by Jay Shriram Group of Institutions.

Mr.B.Muthusenthil (A.P) presented a paper on the "Performance Evaluation of GPSR with Alert in Mobile AD-HOC Network" in the International Conference Organized by the dept. of HRM in Association with IEEE Madras Section ED chapter and ISTE India.

Mr.Vijayakumar(A.P)participated in a workshop on" DataMining/WebMining" organized by the ARS College of Engineering held on 16.3.14.

Mr.C.Vijayakumaran(A.P) participated in a seminar on the "Structured Approach Of Methods and Techniques behind Research Methodology" on 14 and 15 March 2014.

Mr.M.SenthilKumar,(A.P) and Mr.S.Venkatesh(A.P) participated in a two-day IET sponsored workshop on the"Research in Wireless Sensor Networks Using NS-3" held at the KCG College of Technology.

S.Suma.S(A.P) & K. Murugan(PG student) published a paper titled "Personalized Mobile Search Engine with GPA Algorithm" in the International Journal of Innovative Search in Science, Engineering & Technology, Volume 2, Special issue near 2014. ISSN 2320-9801

D.Kavitha(A.P) participated in a one day workshop organized by the School of Computing Science and Engineering,VIT Chennai on 24 Feb'14.

Ms.D.Kavitha (A.P) attended the conference "Achieving Functional Safety" held on 5th Feb 2014 in JW Marriott at Bangalore.

Mrs.D.Kavitha (A.P) presented a paper titled "Collision Avoidance Protocol with Privacy Preservation for NFC" at the one day National Level Conference on the "Advanced Computing Technologies" held on 19th March 2014.

The Students of III year started a Non Governmental Organization called "JANANAM" on Feb. 13 to educate the needy for their studies and initiated to start a website Gogroc.com for online shopping.



Staff and students in an Industrial visit to "Maven Tricks Technologies"

Mr.Mayurnathan (A.P) & B.Priya (Final yr) and R.Ramya (Final yr) presented a paper titled "A Greedy Approach to Understand Human Behavioural Patterns" in the National Conference on the "Advances in Information and Communication Technology-AICT 2014"Organized by Sri Venkateswara College of Engineering.

Our Final Year students went on an Industrial visit to "MAVEN TRICKS TECHNOLOGIES"

Mr.Mayurnathan(A.P) & K.Balakumaran, A.G.Gnanasekaran, S.Abarna,(Final Year) presented a paper titled "A Dashboard Approach Combining the Ranked Software Models for Efficient Cost Estimation"

The paper on the "Implementation of DataWareHousing and Data Mining Techniques in Medical Fields" by J.Srinivasan(III yr/CSE 2) and



Students at the premises of "PURPLE PRO INFOTECH - COIMBATORE" during the Industrial Visit

R.Prasanth(III yr/CSE 2) were published in the International Journal of Business Management Research.

Sriharshini of III yr presented a paper on the "Behavioural Biometrics" and got third place in Meenakshi SundarRajan College of Engineering.

C.B.Saikrishnan(III yr) won the first prize in the Online Photography and second prize in Photoshop Design an onspot event from Meenakshi Sundarrajan Engineering College.



Industrial Visit to Radio Astronomy Centre

R.Karpagakumaran (Final year) secured Winner up place in ASAN Memorial Inter Collegiate Ball Badminton Tourment held on 10 and 11 March.

R.Vijayprabavathi (IIIyr), P.Aravindhan(III yr), G.Ragini (II yr) , K.Janaky(PG), V.Suganaya (IV yr), B.Priya (IV yr), Ganesan (PG), Kanimozhi(PG) got merit certificate on the College Day.

L.N.Saroja(III yr) got certificate for 100% attendance. Monica Rani.E,Priyanka.R,Karpagakumaran were awarded certificates for sports in the College Day.

Our third year students went on an Industrial visit to "PURPLE PRO INFOTECH - COIMBATORE".

Third Year CSE Sstudents went on an Industrial Visit to RADIO ASTRONOMY CENTRE on 14.3.14.

The Department of Electronics and Communication Engineering



On the occasion of National Conference 'Recent Trends in Wireless Communications and Networking'

A two day National Conference sponsored by the AICTE on the 'Recent Trends in Wireless Communications and Networking' (RTWCN) was conducted on 7th and 8thMarch. The Conference was inaugurated by Dr.Ravinder David Koilpillai, Professor, Electrical Engineering Department and Dean, Planning, IIT, Madras.

Totally 95 technical papers were received for the conference, out of which 55 papers were shortlisted by the Technical Review Committee. The paper presentation sessions were Chaired by Dr.M.Murugan,Vice-Principal, Valliammai Engineering College, Dr.S.S.Karthikeyan, Assistant Professor, Department of ECE, IITDM, Dr.B.Ramachandran, Professor, Department of ECE, SRM Univertsity, Dr.K.Malathy, Associate Professor, Department of ECE, College of Engineering, Guindy and Dr.C.T.Manimegalai, Assistant Professor, Department of Telecommunication Engineering, SRM University. The sessions were Co-Chaired by Mr.S.Ramesh, Assistant Professor, Ms.N.Subhashini, Assistant Professor, Prof.Komala James, Head of ECE Dept, DrM.Murugan, Vice- Principal and Dr.G.Udhayakumar, Associate Professor of Valliammai

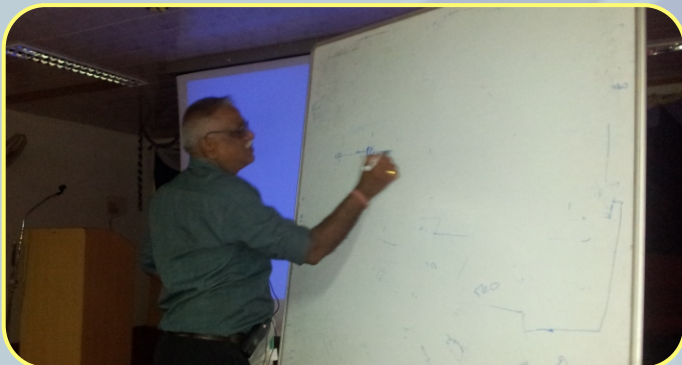
Engineering College. A Special Mention Award was granted to J.Geethapriya, PG Student of Sona College of Technology, Salem, for presenting a paper on “Dual Band Compact Size RF-ID Tag Antenna”. Even though she was differently abled she presented her paper very efficiently and answered the queries excellently.

Dr.K.Malathy, Associate Professor, Department of ECE, College of Engineering, Guindy was the Chief Guest for the Valedictory Function and the participants received certificates.

Third year ECE students went on an Industrial Visit to the Radio Astronomy Centre (RAC) - Ooty on 21-02-14 and BSNL Coonoor on 22-2-2014.

Prof. Komala James, Head of the Department, Ms.C.Amali AP (SG), Ms.V.Thirilogasundari AP (OG), Ms.G.Vetriselvi AP (OG) and Dr.M.Murugan attended a conference on ICTACT Bridge 2014 organised by the ICT Academy of Tamilnadu on 26-02-2014 and 27-02-2014 at Chennai Trade Centre. Dr.M.Murugan was the finalist in the Best Techno Faculty Award 2014.

The Department of Electrical and Electronics Engineering



Mr.K.UdayaSooriyan, Deputy Director (Engineering), Doordharshan Maintenance, Bhav Nagar, Gujarat on the Television Engineering Seminar

The Department of Electrical and Electronics Engineering conducted a one day Seminar for third year EEE students on “Television Engineering” on 24th January 2014. The program was presided over by Mr.K.UdayaSooriyan, Deputy Director (Engineering), Doordharshan Maintenance, Bhav Nagar, Gujarat.

The Department of Electrical and Electronics Engineering conducted a one day workshop on “Power



Dr. Andrew Busch Lecturer, Griffith School of Engineering, Nathan Campus, and Griffith University, Australia delivering Special Lecture on Image Processing and Pattern Recognition

Quality Issues in Power System” on 19th February 2014 in the seminar hall. In the workshop, the lecture and hands on training was conducted by Dr.S.S.Dash, Professor/EEE, SRM University, and Chennai.

The Department of Electrical and Electronics Engineering conducted a one day Special lecture on “Image Processing and Pattern Recognition” on 10th February 2014 . Dr. Andrew Busch Lecturer, Griffith School of Engineering, Nathan Campus, and Griffith University, Australia gave a lecture on research areas of Image processing and the importance of research in this field.

The Departments of Electrical and Electronics Engineering & Mechanical Engineering jointly inaugurated the Renewable Energy Club on 4th of February 2014. Dr. S. Gomathinayagam, Director, C-WET, Chennai, the Chief Guest for the inaugural function gave a presentation in which he highlighted the current power scenario and the need for renewable energy in the future. Dr.T.P.Ganesan, Director, VEC mentioned that the college had inaugurated this club at the right time when the world is facing so many crisis



Inauguration of Renewable Energy Club



Mr.A.Gopi, Assistant Engineer, PWD, Chengelpet delivering a Guest Lecture on "Power Plant Engineering"

with respect to the conventional fuel resources. Dr.B.Chidhambara Rajan, Principal, VEC informed that the Management will support the projects based on renewable energy.

The Department of Electrical and Electronics Engineering in association with IEEE Valliammai Student Branch organized a Guest Lecture on "Power Plant Engineering" on 12.03.2014 delivered by Mr.A.Gopi, PWD, Chengalpattu.

The Department of Electrical and Electronics Engineering & Mechanical Engineering organized a seminar on "Biomass Energy" as a part of Renewable Energy Club Activities. The Seminar was presented by Mr. K.Vijayendiran, Assistant Professor (O.G), department of Mechanical Engineering on 03.04.2014.

Dr.K.Elango published a paper in the National Conference titled "Transmission Congestion Management Using Evolutionary Programming Technique", in the Proceedings of National Conference on 'Emerging Trends in Electrical Engineering' (ETEE 2009), organized by DEEE of Sri Sai Ram Engineering College, pp122-129.

S.Padhmanabhaiyappan published a paper in the International Conference titled "Performance Enhancement of UPQC Using Multi Loop Control Scheme" organized by the department of Electrical and Electronics Engineering, Muthayammal College Of Engineering.(Feb'14).

S.Rajan Babu published a paper in the National Conference titled "Consumer's Price Elasticity of Demand Modeling On Electricity Markets Using Ant Colony Optimization" organized by the department of Electrical and Electronics Engineering, Coimbatore Institute of Technology.

S.Rajan Babu published a paper in the National Conference titled "Innovation & Challenges In Electrical And Electronics Engineering" organized by the department of Electrical and Electronics Engineering, Sri Sairam Engineering College.

V.Sudhagar published a paper in the National Conference titled "Damping of Subsynchronous Resonance in Series Compensated System using PSCAD" in Sathyabama University.

V.Sudhagar published a paper in the National Conference titled "Performance of Various Type of Fault Current Emitters using PSCAD" in Sathyabama University.

A. Anuradha published a paper in the National



Mr. K.Vijayendiran, Assistant Professor (O.G), Department of Mechanical Engineering delivering lecture in the Seminar on "Biomass Energy"

Conference titled "A Novel Approach to Transient Stability Using Energy Function Suitable for Power Systems Risk Assessment" in the III National Conference at Sathyabama University.

J.Pratheebha published a paper in the National Conference titled "Reduction of Lower Order Harmonics in a Grid Connected Single-phase PV Inverter Using Adaptive Harmonic Compensation Technique" in ARISE-14.

A.Shanmugapriya published a paper in the National Conference titled "Implementation of Third Harmonic Injected PWM Modulation Technique for Designed Cascaded Z-Source MLI" in the SRM University.

A.Kalirasu published a paper in the journal titled "Analysis of Protection Coordination of Protective Devices with a Fault Current Limiter in the Application Location of Dispersed Generation"

A.Anuradha published a paper in the Journal titled "A Novel Approach to Transient Stability Using

Stochastic Energy Functions Suitable For Power System Risk Assessment” the International Journal of Engineering And Science (IJES) | | Volume | 3 | | Issue | 1 | | Pages | 40-47 | | 2014 | | ISSN(e): 2319 1813 ISSN(p): 2319 1805.

S.Padhmanabhaiyappan published a journal titled “Performance enhancement of UPQC Using Multi Loop Control Scheme”, International Journal of Innovative Research in Science, Engineering and Technology. (IJIRSET) ISSN (Online): 2319-8753.

S.Rajan Babu published a journal titled “Analysis of Protection Coordination of Protective Devices with a Fault Current Limiter in the Application Location of Dispersed Generation”.

S.Angalaeswari published a journal titled “Performance Analysis of SSFC for Power Quality Improvement in Wind Smart Grid”.

V.Sudhagar published a journal titled “Damping of Subsynchronous Resonance in a Series Compensated System Using PSCAD”.

The Department of Electronics and Instrumentation Engineering

M.Arun Prasad , I.Indirahasan , G.Mohammed Yunus , P.Krishnakanth , S.Manojkumar of II year participated in the Robotics Workshop at NIT, Trichy held from 15/02/2014 to 16/02/2014.

P.Sarath Kumar , Rohith Arcoff , V.Sangeetha , V.S.Sangeetha , R.Sathish , R.Vasan of II year participated in the Robotics Workshop Embedded System at MIT, held from 25/01/2014 to 26/01/2014.

P.K.Gogul, G.Gowtham, S.T.Kumaran , S.Manojkumar of II year participated in the Robotics Workshop MIT, held from 25/01/2014 to 26/01/2014.

Avinash Kumar, Ali Asgar.Q of IV year participated in Technical Quiz at Adhiparashakthi Institute of Technology and won First Prize held on 12/02/2014.

Avinash Kumar, Ali Asgar.Q of IV year participated in the paper presentation at the Anand Institute of Technology held on 15/02/2014 and won first prize.

Avinash Kumar, Ali Asgar.Q of IV year participated in Technical Quiz at St.Joseph's Engineering College held on 01/03/2014 and won second prize.

Avinash Kumar, Ali Asgar.Q of IV year participated in Circuit Debugging, Technical Quiz at Adhiparashakthi Institute of Technology held on 15/03/2014 and won first prize.

M.Shankar of Final year participated in the Ball Badminton Game held at

- Asan Memorial College of Engineering and won first prize.
- Abdul Rahman University and got Runner up prize.
- Kongunadu Engineering College.
- Valliammai Engineering College and won the Best Sports Person of the college.
- D.S.Vijay of Final year participated in the Chess Game held at Valliammai Engineering College and got Runner up prize.

Dr.S.Visalakshi, Professor and K.S.Naveenkumar, presented a paper titled “Optimization based on PSO-ANFIS in Water Bath Temperature System International Conference on Global Innovations in Computing Technology 2014 (ICGICT'14) at Jay Shriram Group of Institutions, Tirupur on 06 & 07 March 2014.

Mr.P.Tamilmani,A.P(Sl.G) and A.Harivignesh presented a paper titled “System Identification and Design of Controllers for a Hybrid Tank System” 2014 IEEE International Conference on Innovation In Engineering and Technology held on 21&22 March 2014 at K.L.N College of Engineering, Madurai.

Mr.P.Tamilmani,A.P(Sl.G) and A.Harivignesh presented a paper titled “Steady State Extended Kalman Filter Application for a Heat Exchanger Model” in the National Conference on Social Transformation through Research Advancements in Electrical Engineering (STRAEE'14) held on 21 March at Sethu Institute of Technology, Madurai.

Ms.K.S.Jaibhavani,A.P.(Sl.G) and S.Karthigeyan presented a paper titled “Wind Tunnel Instrumentation System” in the International Conference on Electrical,

Communication and Computing (ICECC-2014) held on 13th & 14th March 2014 at Tagore Engineering College, Chennai.

Mr.V.Sureshkumar, A.P.(Sr.G) and Jisha.J.U, presented a paper titled "Poisson Noise Removal in Biomedical Images using Nonlinear Technique" in the International Conference on Electrical, Communication and Computing (ICECC-2014) held on 13th & 14th March 2014 at Tagore Engineering College, Chennai.

Ms.V.Mangaiarkarasi, A.P(Sr.G) and M.Sharmila presented a paper titled "Performance Evaluation Of Pi and Imc Controller for Binary Distillation Column" in the National Conference, 'Recent Trends in Electrical Drive 2014' held on 10th March 2014 at S.A Engineering College, Poonthamalli.

Ms.M.Shanthi.,A.P(OG) and R.Padmayoga presented a paper titled "Modeling and Control of Chemical Reactor Using Model Reference Adaptive Controller" in the National Conference on Social Transformation through Research Advancements in Electrical Engineering (STRAEE'14) held on 21st March at Sethu Institute of Technology, Madurai.

Ms.V.P.Sandhya.,A.P(OG) and R.Ranojidos presented a paper titled "Designing of Extended Kalman Filter for Estimating the State of Concentration in CSTR" in the International Conference on Electrical, Communication and Computing (ICECC-2014) held on 13th & 14th March 2014 at Tagore Engineering College, Chennai.

Ms.F.Agi Lydia Prizzi, A.P(OG) and R.Abinaya presented a paper titled "Design and Implementation of Movable Photovoltaic Array with MPPT to increase the Power Output of Solar Cells in the International Conference on Electrical, Communication and Computing (ICECC-2014) held on 13th & 14th March 2014 at Tagore Engineering College, Chennai.

Mr.G.Shiva, A.P(O.G) attended Faculty Induction Programme held on 22nd Feb 2014 at the Valliammai Engineering College.

Ms.V.Vijayalakshmi, A.P(O.G) attended Faculty Induction Programme held on 22nd Feb 2014 at the Valliammai Engineering College.

INDUSTRIAL VISIT

III year students undertook an industrial visit to the Deccan Industries, Coimbatore on 21/03/2014.

III year students undertook an industrial visit to the Radio Astronomy Center, Ooty on 22/03/2014.

DEPARTMENT EVENTS

The Department in association with ISA VMEC student charter organized a Guest Lecture on "Instrumentation and Control Career Pursuit" on 22.02.2014 by Mr. Jagdeesh Ganesan, Alumni of EIE, VEC.

The Department in association with ISA VMEC student charter organized a Guest Lecture on the "Process Control in Petrochemical Industry" on 30.01.2014 by Dr.D.Manamalli, A.P, Dept of Instrumentation Engineering, MIT, Chrompet.

The Department of Mechanical Engineering



An Industrial Visit to Neyveli Lignite Corporation

Guest Lecture titled "Successful life: Entrepreneurship and Goal" was delivered by Mr.C.G.MANOJ KUMAR B.E, M.B.A (IIM), General Manager - Sales and Marketing, Hitachi Automotive Systems India., on 23/01/14. The Chief Guest's presentation covered current industry trends, expectations of modern employers, entrepreneurship and communication skills and goal setting process.

The III year students visited Neyveli Lignite Corporation, on 14/03/14 accompanied by MrS.Karthikeyan and S.P.Mohanmithra and gathered valuable information about the industry.



Guest Lecture on "Design and Characterisation of a Micro Machined Accelerometer for Novel Applications" by Dr. E.Varadarajan Scientist

The III year students visited Dietech India (P)Ltd. Corporation, on 25/03/14 accompanied by Mr.R.Srinivasan, Mr.P.Ramu, Mr.S.Karthikeyan and Mr.V.Ranjithkumar and gathered valuable information about the industry.

The II year students visited Ashok Leyland, Ennore, on 27/03/14 accompanied by Mr.K.Arumugam, Mr.S.Sivalingam, Mr.A.Vinothkumar and Mr.S.P.Mohanmithra and gathered valuable information about the industry.

A 'Guest Lecture' on "Design and Characterisation of a Micro Machined Accelerometer for Novel Applications" by Dr. E.Varadarajan Scientist 'E' Research and Innovation Centre (RIC) Defence Research and Development Organization Govt. of India, Ministry of Defence was delivered on 28th March 2014.

The Department of Information Technology

47 students of Final Year IT have been placed in top leading companies like Tata Consultancy Service, L&T, IGATE, and Infosys, etc., through the Campus Interview held at the Valliammai Engineering College.

119 students of Third Year, IT accompanied by 4 Faculty members went on an Industrial Visit to RAC (Radio Astronomy Centre) Ooty on 14.03.2014 and BSNL Conoor on 15.03.2014.

The Department arranged a Seminar Program on "DBMS-Latest Trends in RDBMS" for the Second Year IT students on 28th February 2014 delivered by Prof

Ms.K.Karthika, Java Developer, HCL Technologies, Chennai.

Arranged a Seminar on "WEB TECHNOLOGY- Web Services and Related Technologies" for the Third Year IT students on January 31, 2014 delivered by Mr.M.PrabhuMurali, Technical Lead, Cognizant Solutions/MEPZ, Chennai-45.

Conducted Training for 157 students (125 from IT and 32 from CSE) on "Cloud Infrastructure and Services" International Certification from EMC Corporation in association with ICT Academy of Tamilnadu from 20.01.2014 to 25.02.2014.

Mr.S.Ravikumar, A.P. (Sel.G) attended a technical seminar titled "Achieving Functional Safety" on 5th February 2014 organized by LDRA-FTD Software Technology, Bangalore.

Ms. A.R.Revathi,A.P(Sel.G) presented a paper entitled "A Survey Of Moving Object Tracking In Video Frame Sequences" at the International Academic Conference on Electrical, Electronics and Computer Engineering (IACEECE) held at Chennai on 9th February 2014.

Mr.S.Ravikumar, A.P. (Sel.G) attended a National Workshop on the "Fundamentals of Virtualization and Storage in Cloud" on 24th February 2014 organized by the School of Computing Science and Engineering, VIT University, Chennai Campus.

The following staff members attended the 13th Edition of ICTACT Bridge- Chennai Edition 2014 at Chennai Trade Centre on 26.02.2014 and 27.02.2014. Ms.R.Meenakshi A.P (Sel.G), HOD i/c, Ms.R.Thenmozhi A.P. (Sr.G), Mr.K.Ravindran A.P. (Sr.G), Ms.J.Ponni, A.P (O.G) & Mr.R.Senthil, A.P (O.G)

Ms.R.Meenakshi,A.P(Sel.G),HOD i/c presented a paper titled "Bit Interleaving Coder Multiple Beam Forming in OFDM MIMO in TEQIP-II" sponsored National Conference on Electronics, Signal processing, Communication and Embedded systems(NCESCES'14) during 27th and 28th February 2014.

Ms.R.Meenakshi, A.P(Sel.G),HOD i/c and Ms. A.R.Revathi,A.P(Sel.G) participated in a two day workshop on Research Methodologies and Effective Paper Writing Using Latex on 8th and 9th March 2014,

organized by the Computer Centre, MIT Campus, Anna University, Chennai-44.

Mr.K.Ravindran, A.P. (Sr.G) received the title winner of ICTACT Best Coordinator Award for the year 2014.

The Department of Management Studies



Mrs.Radha Padmanaban, Senior Manager, Ampitec Associates, Chennai, delivered a lecture on "Competitiveness in Indian Service Industries"

A Guest lecture was organized for the I year MBA students (section I and II). Mrs.Radha Padmanaban, Senior Manager, Ampitec Associates, Chennai, delivered a lecture on "Competitiveness in Indian Service Industries" on 27.02.2014.

An Industrial Visit to Diamond Engineering (Chennai) Pvt. Ltd. was organised for the I year MBA students (section I and II) by Ms. C.Umayal, Ap(Sr.G), Department of MBA on 08.03.2014. The visit helped the students in understanding the operations management and HR policies of the company. Students found it more useful because of its relevance to the curriculum.



An Industrial Visit to Diamond Engineering (Chennai) Pvt. Ltd. for I year MBA students

A Guest Lecture was organized for the MBA students on 12.03.2014. Dr.R.Mohan Kumar, Director, Training Solutions, Chennai and Director, Department of



Dr.R.Mohan Kumar, Director, Training Solutions, Chennai and Director, Department of Management Studies, Sri Krishna Engineering College, Chennai, delivered a lecture on the "Training for knowledge workers"

Management Studies, Sri Krishna Engineering College, Chennai, delivered a lecture on the "Training for knowledge workers".



The exercise of stall building with artificial & real products

"World Sparrows Day" was celebrated on 20th March 2014 (Thursday) and attention was focused on the once-ubiquitous and now fast-disappearing House Sparrows [Chittu Kuruvi].

On this observance, the staff and students of MBA department formed a special group "NEST" and conducted public awareness campaign in and around KALADIPET, Tiruvotriyur, Chennai on Saturday 29.03.2014. A sparrow nest box was provided to all houses.



On the occasion of "World Sparrows Day"

The Department of Computer Applications



A Guest Lecture by Ms.M.Porkodi, Software Engineer, Virtusa Software Services on the topic of Soft Skills Development

A Guest lecture was organized on 'Virtual Cloud' for the MCA students. Mr.I.A.Ramesh and Mr.K.Ilanzhezian, from Comet CompuServe Pvt. Ltd., Chennai were the Guest speakers.

Mr. I.A. Ramesh, CEO, Comet CompuServe Pvt. Ltd., Chennai addressed the students regarding the preparation for the placement activities. Mr. K. Ilanchezhian, Director (IMS), Comet CompuServe Pvt. Ltd., Chennai presented a lecture on Virtual Cloud.

The Department of Computer Applications organized a Guest Lecture on the 'Soft skills Development' for the students of MCA on 14th February 2014. Ms.M.Porkodi, M.C.A, Software Engineer, Virtusa Software Services was the Guest speaker.

The Department of English

Eclectic Lingua, The English Literary Association, organized a workshop on 'The Presentation Skills and Group Discussion Strategies' on 18.02.2014 Dr.C.Meenakshi Sundaram , Professor and Head, Science and Humanities , NIT Trichy was the Guest Soeaker.



A workshop on 'The Presentation Skills and Group Discussion Strategies' by Dr.C.Meenakshi Sundaram , Professor & Head, Science and Humanities , NIT Trichy

The Department of Mathematics

The Mathematics Association "Euler.Com" organized "MATH FEST 2K14 "on 15.03.2014 (SATURDAY) for the benefit of First year students. The following events were organized, 1. Mathematical Quiz 2.Olympiad 3.Mathematical Puzzles 4.Mathematical Modeling and 5.Paper Presentations in Engineering and

National Conference on 'Recent Trends in Computational Intelligence 2014

The Department of Computer Applications and the Department of Information Technology jointly organized a National Conference on 'Recent Trends in Computational Intelligence 2014' (NCRTCI '14). Shri.S.Chandramouli., Senior Delivery Manager, Cognizant Technology Solutions was the Chief Guest. The Chief Guest released the e-Proceedings of the Conference.

The Chief Guest in his key note address pointed out the importance of the various intelligences like Human Intelligence, Animal intelligence and Computational intelligence through a story. This



Dignitaries releasing CD in the National Conference 'The Recent Trends in Computational Intelligence 2014' (NCRTCI '14)

speech elucidated the importance of "Togetherness is Strength".

Applied Mathematics. Over 100 students participated in Mathematical Olympiad and Puzzles. Dr.A.Elumalai Prof& Head ,Department of Mathematics coordinated the programme.

The Department of Physics

Dr.K.Thiruppathi A.P [O.G], attended a two day National Workshop on “Materials Characterization Techniques” held on 3rd & 4th January 2014 organised by the Department of Physics, SSN College of Engineering, Kalavakkam, Chennai.

Guest lecture was delivered by Dr.P.Senthilkumaran, Professor, Dept. of Physics, IIT-New Delhi on “Optical Lattice” on 24th January 2014.

Ms.R,Sasireka A.P [O.G], attended a “National Workshop on Emerging Trends in Nanomaterials for Engineering Applications" [ETNEA 2014] held on 21st & 22nd February 2014 organised by the Department of Production Technology, Madras Institute of Technology campus, Anna University, Chennai.

Dr.H.Krishnan, Professor & Head, delivered a lecture in the Faculty Induction Programme on the topic

“Best Practices in Engineering Colleges” held on 22nd February 2014 in our college.

Dr.M.Anbuezhayan, A.P [Sel.G] delivered a lecture in the Faculty Induction Programme on the topic “ISO Processes” held on 22nd February 2014 in our college.

Mrs.D.Praveena A.P [O.G], attended a one day workshop on “Laser and its Applications" held on 19th March 2014 organized by the Department of Physics at B.S. Abdur Rahman University, Vandalur, Chennai.

Dr.H.Krishnan, Professor & Head, Dr.M.Anbuezhayan A.P [Sel.G], Mrs.K.Sarojini A.P [S.G] were awarded in college day function held on 20th March 2014 for their research papers published in reputed international journals.

Dr.M.Anbuezhayan A.P [Sel.G], presented his research papers entitled “The Effect of Potassium Chloride on the Optical, Thermal & Mechanical Properties of α -glycine" and “Hydrothermal Synthesis of Uncapped ZnO Nanostructures" in the second National Conference on Hierarchically Structured Materials [NCHSM 2014] held on 24th & 25th March 2014, organized by the Department of Physics, SRM University, Ramapuram Campus, Chennai 89.

Department of Placement and Career Guidance



The Department of Placement and Career Guidance organized 22 campus interviews from January 2014 to March 2014, and 104 students were selected. It achieved 81% Placement.

The Department of Placement and Career Guidance inaugurated Placement Club “Know How @ VEC” on March 12, 2014. Prefinal year



students from all the department attended the Inaugural Function. Mr.S.R.Balaji welcomed the gathering. Inspiring speech by the Principal & Vice Principal gave a clear picture about the current industrial needs. Both the dignitaries inaugurated the Placement Club followed by a special address by Ms.J.J. Monica Paul. Ms.Prathiba Jeyakumari proposed a vote of thanks for the inauguration.



NSS



The NSS team of Valliammai Engineering College conducted a 7 day Special Camp at Orathur for the welfare of the people. It was inaugurated on 12.03.14 by the NSS Programme Officer Mr. S. Parthasarathy, followed by the special by The Principal, The Vice Principal, the village President Karpagam N.D.Sundar, the village Co- President Mr.Thulasi, Mrs.R.Meenakshi (HOD/IT) & Mrs.Komala James (HOD/ECE), Dr.J.Padmini (HOD/MBA) and the Chief Guest Mr.Sreedhar (Director, Anval Values Pvt. Ltd.).

The camp started with a rally on the environment and voting awareness. The Principal initiated the rally by giving a green signal.

On the second day of the camp, the complete survey was conducted on the village by the NSS team; the survey was inaugurated by Mr.N.Lakshmana Perumal (Head of the English department). All the details of every individual resident in the village were prepared as a database with the help of a software, prepared by an NSS Volunteer Mr.S. Hamachander, II-IT-1

The adolescent's welfare programme was conducted on day three. It was inaugurated by Mrs.R.Meenakshi (Head of the IT department) & Mrs.Komala James (Head of the ECE department). Dr. Sampathkumari delivered an effective speech to the village adolescent girls on the dos and donts of the adolescent age. Mrs. V. Anuradha Illangovan, Head, Women Association, Maraimalinagar created an awareness about the self employment among them. Parallel to this programme, complete cleaning processes on village streets also took place by the NSS volunteers.

The NSS team conducted sports and games for the village school students. The students actively participated in all the games and won many prizes.

Games were conducted for the village people like uri adithal, Rangoli & cooking competition. It was inaugurated by Dr. Andy

Srinivasan, Head of the E&I department. The village people took part in all the games and these competitions were conducted with the support of the people.

Cultural Program was arranged at the Government school of Orathur in the evening of the same day. The Chief Guest of the day was Anna University NSS Co-coordinator Mr.Palraj, Mr.Raju & Mr.Idhayadhula.



The fifth day was the Green Day of the camp. Around 450 trees were planted in the residences of the villages by the NSS volunteers. The Jammu, Jackfruit, Chikku saplings and other beneficial tree saplings were planted. It was inaugurated by the Chief Guest Mr. G. Indhrajith, General Manager, TVS Sundaram & Industries.

On the sixth day, the basic computer operations were taught to the school students and also other extra curricular activities like yoga, speed mathematics were taught and counseling was also given to the students on general life and higher studies. It was inaugurated by Dr. K. Ilango, Head, Department of EEE.



On the same day, a programme on the uses and advantages of Solar Power was conducted by Mr.Nithayanadham & Mr.Vivek, Esan Power Solutions, Pattukottai.

First Aid Training Programme was conducted on the last day of the camp. The students were trained by Mr.Baskar (First Aid Trainer, Madipakkam). It was inaugurated by Dr. D. Ilango, Head of the Civil department.

The feedback and valedictory programme was conducted by the NSS Programme Officer Mr. S. Parthasarathy, followed by the special address by The Principal, The Vice Principal, The Village President Karpagam N.D. Sundar, Dr. S. Thiruganam (HOD/Mech) & Dr. Steephen (HOD/Chemistry), Dr.Abdul Rasheed (HOD/MCA).



Visual Delight



VEC Cultural events were organized on 20.03.2014, with more than 20 groups. Around 120 students from various departments including PG students participated and showcased their talents in events such as dance, instrumental, variety, mime and martial arts. The Cultural event saw a sea of students' participation from all the departments of the college. The day's event concluded leaving everyone yearning for the next Cultural program.



EDITORIAL

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