



**Valliammai Engineering College**

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# VEC NEWS

[Quarterly]

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July - Sept. 2015

## SPORTS



Anna University Zone - IV, Basket Ball (Men) Winners with Hon'ble Chairman, SRM Group

Anna University Zone - IV Ball Badminton, Men's 1<sup>st</sup> Place Tournament organized by Sri Andal Azhagar College of Engineering. It is the Fifth continuous win.

Anna University Zone - IV Basket Ball Men Team secured 1<sup>st</sup> Place organized by Sri Sairam Institute of Technology.

Anna University Zone - IV Cricket (Men) 2<sup>nd</sup> Place, Tournament organized by Sri Andal Azhagar College of Engineering.

Secured 3<sup>rd</sup> Place in Anna University Zone - IV Badminton (Women) Team organized by MIT, Chennai.

Anna University Zone - IV Chess (M & W) 3<sup>rd</sup> Place, Tournament organized by Lord Venkateshwara Engineering College.

### Zonal Athletics

Anna University Zonal Athletics Meet (Men) was organized by Sri Sai Ram Engineering College during 28<sup>th</sup> - 29<sup>th</sup> Sept. 2015. Our Students secured the following Medals.

- ★ Mr. P.Praveen Kumar 4th Year Mechanical Engg. Branch
  - Shot Put Gold Medal
  - Discuss Throw Gold Medal

- ★ Ms. A. Akila 2nd Year EEE
  - Long Jump Gold Medal
  - Triple Jump Gold Medal
- ★ Ms.M. Divya 1st Year I.T
  - High Jump & Javelin Throw Gold Medal
- ★ Mr.M.Anbuezhian 1st Year MBA
  - 800 Mtr. & 1500 Mtr. Gold Medal
- ★ Mr.P.Hariprashad 1st Year I.T
  - Triple Jump & Long Jump Bronze Medal



College Cricket Team secured Second Place in Anna University Zone IV

## The Department of Civil Engineering

A Special Online Lecture was organized on July 21<sup>st</sup>, 2015 in the Dept of Civil Engineering at SRM Valliammai Engineering College in Collaboration with the Confederation of Indian Industry (CII). The lecture was delivered by Mr. Balaji Seshadri, Head, Engineering (Mechanical) and Service, and Mr. Krishna Kumar, Solutions Engineer from GRUNDFOS on 'Waste Water Treatment'.



The Professor & Head, Department of Civil Engineering briefing students on the Special Online Lecture

Third year students of section II went on an Industrial Visit to Cochin & Ernakulam from 7.08.2015 to 8.08.2015 and visited the following Companies.

- East India Engineers Ltd.
- Silpa Projects & Foundations.

A Guest lecture was organized on the 'Physics of Earthquake and Earthquake Resistant Structures' on 7<sup>th</sup> August, 2015 at 10.00 a.m. and Mr. M. Murugesan, Asst. General Manager, (Civil & Structural), L&T Technology Services Ltd, Chennai delivered the lecture.



Mr. M. Murugesan, AGM (Civil & Structural, L&T Technology Services Ltd. delivers lecture



Release of Souvenir in the event of CONSTRUO '15

CONSTRUO '15, the Fourth National Level Students' Technical Symposium was organized on 29<sup>th</sup> August 2015. It was inaugurated by Dr. Jolly Annie Peter, Chief Scientist (CSIR), Structural Engineering Research Centre (SERC), Chennai. Dr. T.P. Ganesan, the Director presided over the function. Dr. B. Chidhambararajan, the Principal and Dr. M. Murugan, the Vice Principal delivered special addresses. Technical events like paper presentation, poster display, technical quiz, model making, CADD quest and non-technical events like Ship Wreck, Block & Tackle and Bob Builder were conducted. Totally, 150 technical papers were received, out of which 30 papers were selected for presentation. Students from various Engineering colleges across Tamil Nadu attended the symposium. The best performers were awarded in the valedictory function.



Mr. R. Radha Krishnan, Technical Head, Cadd Centre was the Resource Person for the Workshop on 'Ansys Civil Fem'

Third year students of section I went on an Industrial Visit to Palakkad and Ernakulam from 14.08.2015 to 16.08.2015 and visited the following Companies.

- Anna Aluminium Pvt Ltd.
- Malampuzha Dam.

A Workshop was organized on 'ANSYS CIVIL FEM' on 28<sup>th</sup> August 2015 at 10.00 a.m. and Mr.R.Radha Krishnan, Technical Head, Cadd Centre, Selaiyur was the Resource Person.

Final year students of section II went on an Industrial Visit to Puzhal water treatment plant on 31.08.2015.



Dr.K.Gunasekaran, Professor, Dept. of Transportation Engineering, AU, CEG delivers the lecture

A Guest lecture was organized on 'Transportation Planning in Indian Cities' on 8<sup>th</sup> September, 2015 at 9.00 a.m. Dr.K.Gunasekaran, Professor, Department of Transportation Engineering, Anna University, CEG Campus delivered the lecture.

M.E First year Structural Engineering Students went on an Industrial Visit to CSIR-Chennai Campus on 25.09.2015.

## The Department of Computer Science and Engineering



Mr.S.Ramamoorthy, AP, briefing on a one day Seminar

On 16<sup>th</sup> July, 2015. Mr.S.Ramamoorthy, Assistant Professor, SCSVMV University delivered a talk on 'Simulation Tools in Cloud Computing' for the third year students.



A student explaining his Mini-Project to the Principal

A Mini-Project Expo 2K15 was organized on 8<sup>th</sup> August, 2015. In this regard, a committee was constituted to select the best among the three projects from each department. Chief Guest Mr.C.Ashok Udayakumar, Superintending Engineer/Hydro (Electrical), TANGEDCO, Chennai visited the exhibition.

A one day workshop on 'Security Issues' was organized on 29.8.2015. Mr. Jerome of Stigmata Techno Solutions addressed the students of CSE, IT and MCA.

A two day National Workshop on 'Awareness in Developing Intellectual Property Rights and Patents' was conducted on 20<sup>th</sup> and 21<sup>st</sup> August 2015 at our campus. The workshop was inaugurated by Dr.M.Kanthababu, Director, Centre for IPR Anna University, Chennai. On that occasion, a soveneir was released.

Dr. B. Vanathi and Mr.K.Shanmugam, published a paper on 'Secure OTP and Voice Authentication by using KIVOX Mobile Software Scheme for Mobile Banking' in



Release of Souvenir in the event of CYBORGS 2K15

A one day National Level Technical Symposium CYBORGS 2K15v2.0 was organized on 5<sup>th</sup> September 2015. Mr.M.Martin Henry Gerard, Project Manager, Healthcare Products, CTS Chennai delivered the inaugural address. Cyborgs, souvenir was released on that occasion.

the International Journal of Innovative Research and Creative Technology Vol.1, Issue 2, pp.154-158, ISSN: 2454-5988, September 2015.

Mr.G.Kumaresan, and Ms.T.Adiline Macriga published a paper on 'Signature Based Scheme for Secure and Efficient Data Dissemination in Cluster-Based VANET' in the Australian Journal of Basic and Applied Sciences, Vol. 9, Issue 23, pp.585-595, ISSN 1991-8178, July 2015.

Ms.N.Poornima, Ms.S.Gowri and Ms.R.Abinaya (PG Students) published a paper on 'Routing Algorithms' in the International Journal for Scientific Research and Development, Vol.3, Issue 5, pp.1366-1370, ISSN 2321-0613, July 2015.

Ms.D.Kavitha, Ms.S.Hemavathy (PG Student) published a paper on 'A Survey on Cloud Computing Security Issues and Multi- Keyword Ranked Data Search Efficiency in Blind Storage' in the International Journal of Innovative Research in Computer and Communication Engineering, Vol.3, Issue 9, pp.8045-8052, ISSN 2320-9801, September 2015.

Ms.G.Manisha (PG Student), Ms.M.Priyadharshini, AP, published a paper on 'Quick Response Code for Secure ATM Transaction Using Face Recognition' in the International Journal of Innovative Research in Computer and Communication Engineering, Vol.3 Special Issue 8, pp.176-181, ISSN 2320-9801, October 2015.

Ms.K.Priyadharshini (PG Student), Dr.A.Samydurai, Asso. Prof., published a paper on 'Analysis of Caching Techniques in Mobile Cloud for the Better Quality of User's Experience' in the International Journal of Innovative Research in Computer and Communication Engineering, Vol.3 Special Issue 8, pp.39-43, ISSN 2320-9801, October 2015.

Mr.B.Gokul and Mr.R.Harish (UG Students) won third prize in the event GOOGLE IT in NEXENTUS 2K15- 15th National Level Technical Symposium organized by the Dept of CSE, Sai Ram Engineering College on 10<sup>th</sup> August 2015.

Mr.R.Madhu Sudhanan, III year student was one of the Top 6 winners in the competition 'SCULPTORS OF A NEW ERA' organized by the Tamil Nadu Innovators Network, Government of Tamil Nadu.

## The Department of Electronics and Communication Engineering



On the dias the Principal, Vice Principal, Chief Guest, HOD-ECE & Coordinators on the inauguration of National Level Seminar TARAS 2K15

A National Level Technical Symposium 'TARAS 2K15' was organized by the Dept. of ECE on 26.09.2015.

Shri.D.Sridharan, Divisional Engineer, Administration and Training Management, RTTC, BSNL, Chennai Telephones inaugurated the Symposium. Dr. Komala James, Head of the Dept. delivered the Welcome Address and Congratulated all the final year students who got placed in the campus drive. Dr.B.Chidhambararajan, Principal delivered the Special Address and also gave global Statistics about Placements and informed the students to acquire knowledge and skills for getting Placed in the leading Companies. Dr.M.Murugan, Vice Principal felicitated the gathering and briefed about VEC and emphasized the need for the Communication Skills.

The Chief Guest elaborated on the evolution and the latest updates of the Telecom industry and statistics about the 4G & 5G techniques of the Wireless Communication and the leading Market trends of India 2020 in the global Vision and he also released the Souvenir during the inauguration. Mr.K.Sathish Kumar, President, TARAS 2K15 proposed a Vote of Thanks.

On 24<sup>th</sup> July 2015. Mr.P.Vijaya Kumar, Asst. Prof (Sr.G), Dept. ECE, SRM University, Kattankulathur delivered a lecture on 'Cognitive Radio' and its innovation.

Dr.B.Chidambara Rajan, Principal, Dr.M.Murugan, Prof. & VP and Dr.S.Ramesh, Associate Professor, attended the First Indian Engineering Dean's Council Global Summit on 'Engineering Education' organized by the Indian Society for Technical Education, New Delhi, during 31<sup>st</sup> July and 1<sup>st</sup> August 2015 at Chennai.

Dr.N.Usha Banu, Asso. Prof., delivered a Guest Lecture on 'Digital Signal Processing' for III year ECE and IT students on 8<sup>th</sup> August 2015 at St. Joseph College of Engineering, Sriperumpudur, Chennai.

Mrs.C.Amali, Asst. Prof., delivered a Guest Lecture on 'Network Selection in Heterogeneous Network Environment for Vertical Handover' in the 2 day workshop on the 'Next Generation Networks: 4G and Beyond' held on 11<sup>th</sup> September 2015 at SRM University, Chennai.

Mrs.Komala James, Prof. & Head, defended her Ph.D Thesis titled 'Mobility in Fourth Generation Wireless Networks' at MIT Campus, Anna University on 25.08.2015.

Dr.Komala James, Prof. & Head, attended the IETE Students Forum Coordinators meeting conducted at IETE Chennai centre on 23.09.2015.

Dr.S.Ramesh, Asso. Prof., attended a workshop on 'Science of EMI' organized by Sri Sairam Engineering College in association with the Society of EMCEI (India) on 27.09.2015.

## The Department of Electrical and Electronics Engineering

A one day seminar on the 'Current Trends in Nuclear Power Engineering' was conducted on 27<sup>th</sup> July 2015. Dr.G.M.Brahmanandhan, Asst. Prof., Dept of Nuclear Science and Engineering, SRM University, Chennai was the spokesperson for the event.

A one day guest lecture was organized on 10<sup>th</sup> September 2015 on the 'Supervisory Control & Das'. Mr.S.S.Raj, Asst. Executive Engineer, SCADA, TNEB was the spokesperson for the event.

A one day Special Lecture was organized as part of Renewable Energy Club activity on the 'Recent Trends in



The Chief Guest briefing about Supervisory Control & Das



The Director (VEC), Vice Principal, Chief Guest, HOD-EEE & Coordinators on the release of souvenir of the National Level Technical Symposium EMERGE '2k15

A National level Technical Symposium EMERGE'2K15 was organized on 3rd October 2015. Dr.A.Imayakumar, Project Director, Scientist 'F', CVRDE, DRDO was the Chief Guest. The objective of the seminar was to share research articles related to emerging new technological developments with engineering experts and to choose the best among them. The inaugural session of the seminar began with the welcome Address delivered by student body president Mr.C.Ashwin Kumar. The presidential address was given by Dr.T.P.Ganesan, Director of Valliammai Engineering College and Pro Vice-chancellor of SRM University. Dr.B.Chidhambarajan, Principal and Dr. M.Murugan, Vice Principal felicitated the gathering and congratulated the office bearers for making fruitful attempts to organize the seminar for the fifth consecutive year. At the opening ceremony of the seminar, the Head of the Department Professor Dr.K.Elango also greeted the gathering. The chief Guest Dr.A.Imayakumar, Project Director, Scientist 'F', CVRDE, DRDO then delivered a presentation on recent advancements in electrical engineering where the focus was on High voltage Engineering. The chief Guest showed pictures of practical equipment which is used in the industry and also showed the gradual shift to the more efficient hybrid vehicles. The key points discussed include upcoming transmission voltage is 800KV; mechatronics system is used to obtain faster response in system. Other topics discussed in presentation include Power Electronics, Control Engineering and Transients in Power System. The drive technology used in other countries was also discussed. Finally the Vice President of student body Mr.R.Praveen gave a vote of thanks. In the symposium more than 50 research articles were received. The scrutinizing committee scrutinized the papers and best 18 papers were selected and also presented in the symposium.

Solar Energy Systems' on 29<sup>th</sup> September 2015. Mr.A.Vijayabalan, C.E.O, Transun Energy systems, Chennai was the Chief Guest for the event.



The Chief Guest Mr.A.Vijayabalan on a one day special lecture on Recent Trends in Solar Energy Systems

## The Department of Electronics and Instrumentation Engineering

Dr. S.Visalakshi Prof. & Head published a paper on the 'Design and Analysis of Model Predictive Voltage and Current Controllers for Three Phase Voltage Source Inverter in Micro Grid' in the ARPN Journal of Engineering and Applied Sciences Vol. 10, No. 13, July 2015, Page No. 5604 5609.

The ISA VMEC student charter organized a Guest Lecture on the 'Embedded Control System' on 24<sup>th</sup> July 2015 by Dr.A.Rathinam, Asst. Prof., Dept. of EEE, SRM University delivered the lecture.

The ISA VMEC student charter organized a Seminar



The Chief Guest briefing on a Guest Lecture to the students on Embedded Control Systems

on the 'Advance Automation Systems in Oil, Gas and Power Sectors' on 18<sup>th</sup> August 2015 by Mr.K.R.Venkatachalam, I&C Engineer and Mr.Srinivasan Narayanan, Technical Consultant, Excel Automation Solutions, Chennai.



On the dais the Principal, Vice Principal, Chief Guest, HOD-EIE & Coordinators on the inauguration of National Level Technical Symposium ORKESTRIM 2K15

The Department of Electronics & Instrumentation Engineering in association with ISA VMEC Students Charter conducted a National Level Technical Symposium ORKESTRIM 2K15 on 8<sup>th</sup> August 2015. Students from various reputed colleges of India presented papers on the latest technology inventions and the promising seeds for the future electronics.

The welcome address was delivered by the student President, Mr.Moideen. The Presidential address was delivered by Dr.B.Chidambararajan the Principal and Dr.M.Murugan the Vice Principal kindled the minds of students with knowledge and power. On that occasion, the symposium souvenir was released. The inaugural address was delivered by the Chief Guest Mr. C.Ashok Udayakumar, Superintendent Engineer, TANGEDCO, on the ongoing trends.

## The Department of Mechanical Engineering

A Guest Lecture on 'Professional Ethics' was delivered by Dr. Ganesh Venkatraman, on 14.08.15.



Guest Lecture by Mr.Rohit Kaul



Dignitaries at MEQNZO

The 4<sup>th</sup> symposium MEQNZO was organized by Dr.K.Sivakumar, on 1<sup>st</sup> August 2015, inaugurated by Dr.V.Srinivasan, Sr. Scientist, IGCAR, Kalpakkam. Several activities like, Paper Presentation, Truss Master, CAD Modeling, Mini Project, Auto Expo and Elocution involving 196 participants from various colleges were conducted. Winners were given prizes.

A Guest Lecture on 'Total Quality Management' was delivered by Mr.ROHIT KAUL, Manager (Quality Assurance), M/s. Hitachi Automotive Systems India (Pvt.) Limited, Chennai on 10.09.2015.

## The Department of Information Technology

A one day Seminar on 'Wireless Intelligent Network' was organized on 31.07.2015 by .....

A one day 'Mini Project Expo 2k15' was organized on 04.09.2015.

A one day Seminar on the 'Computer Networks' was organized on 30.09.2015 by Dr.S.Prabakaran, Professor, CSE Dept, SRM University.



Student explains their Mini Project to the Principal, Vice Principal



Release of Souvenir on the occasion of National Level Technical Symposium 'XploITs2K15 v2.0:Colosium 2K15 v2.0'

A one day National Level Technical Symposium on 'XploITs2k15 v2.0 : Colosium 2K15 v2.0' was jointly organized by the Department of Computer Applications and Department of Information Technology on 12.09.2015. Mr.Ganesan Viswanathan, Senior Vice-President, Scope International Private Limited was the Resource Person.



HOD-IT welcoming the Chief Guest on a one day Seminar on 'Computer Networks'

Ms.R.Shanthi, A.P presented a paper on 'A Review Paper on an Automatic Localization of Optic Disc and Segmentation Approaches for Glaucoma Diagnosis, in the National Conference on Computing and Information Technology on 13<sup>th</sup> and 14<sup>th</sup> August 2015 at Sri Sai Ram Institute of Technology.

Ms.A.R.Revathi, A.P participated in a two day workshop on the 'Wavelets For Image Processing' conducted on 6<sup>th</sup> & 7<sup>th</sup> August 2015, by IEEE Communications Society IEEE Madras Section at ISTE Professional Center, Chennai.

### EDITORIAL

The Chief Editor : **Dr. B. Chidhambara Rajan**, Principal, VEC  
 Editors : **Dr. M. Murugan**, Vice Principal, VEC  
**Prof. N. Lakshmana Perumal**, Head, Dept. of English  
**Ms. T. Nandini**, Asst. Prof. (O.G), Dept. of English  
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive

## The Department of Computer Applications

Dr.A.Abdul Rasheed, Prof. and Head, Mr.V.Santhana Marichamy, Asst. Prof., Mr.S.Parthasarathy, Asst. Prof., Mr.M.Asan Nainar, Asst. Prof. and Mr.N.Leo Bright Tennisson, Asst. Prof. attended a one day Workshop on 'Knowledge Management' conducted by the Tata Consultancy Services, Siruseri, Chennai on 6<sup>th</sup> July 2015.

Mr.K.Suryakumar, III MCA Student won the Third Prize in the Paper Presentation event and Mr.R.Shashank, III MCA Student won the First Prize in the Gaming event organized and conducted at Prince Shri Venkateshwara Padmavathy Engineering College, Ponmar, Chennai on 10<sup>th</sup> July 2015.

Mr.Nishanth Srivathsava B, Senior Developer, National Informatics Centre (NIC), Chennai delivered a lecture on 'Web Applications and Open Source Software' in association with The Computer Society of India (CSI) on 17.07.2015.



The Resource Person gave an eminent lecture on 'Web Application and Open Source Software'

Mr.N.Leo Bright Tennisson, AP and Dr.A.Abdul Rasheed, Prof. and Head presented a paper on 'The Finger Print Authentication for Secure Control of Vehicle Using Smart Phone' at the International Conference on Computing and Information Technology [ICCIT'15] held at Sri Sairam Institute of Technology, Tambaram on 13.08.2015 and 14.08.2015.

Mr.L.Venkatramanan, Technical Lead, BNP Paribas Chennai delivered a lecture on the 'Service Oriented Architecture' in association with The Computer Society of India (CSI) on 21.08.2015.

Ms.V.Shakila, III MCA Student, Ms.M.Dhivya, II MCA Student and Mr.B.Balaji, II MCA Student won the



A lecture on 'Service Oriented Architecture' by Mr.L.Venkatramanan, Technical Lead, BNP Paribas

First, Second and Third prizes respectively in the Paper Presentation (Intra) event in the Symposium COLOSIUM 2K5 AND XPLOITS 2K5 on 12<sup>th</sup> September 2015.

## YRC



- ❖ Mr.G.Ananth, the YRC Coordinator, during the symposium, organized a Helmet Awareness Stall.
- ❖ The following students took part in the competitions conducted at IRCS-TNB, Chennai, against the dates and events mentioned on 5<sup>th</sup> & 6<sup>th</sup> Aug. 2015.
  - Ms.R.A.Priyanga and Ms.N.G.Shiyana Shiny, CSE2 4<sup>th</sup> Yr - Essay writing (Tamil and English).
  - Mr.S.Pravin and Mr.K.Somesh of EEE 3<sup>rd</sup> Yr - Visualizing and Painting.
  - Ms.V.Kishore, Mech1 4<sup>th</sup> Yr English and Tamil Oratorical on 10/08/15 (2 Events).
- ❖ On 30/09/15 an 'Orientation Program' for the first year students was conducted to convey the objectives of YRC and to enroll volunteers for the movement.



## The Department of Management Studies



A Special Webinar

A special webinar was conducted on 21.7.2015 by the Dept. of Management Studies in association with the Confederation of Indian Industries for the Third and Final Year Students of the Dept. of Civil Engineering, Valliammai Engineering College on the title, 'Waste Water Treatment'. The lecture was delivered by Mr. Balaji Seshadri, Head Engineering (Mechanical) and Service, and Mr. Krishna Kumar, Solutions Engineer from GRUNDFOS INDIA PVT LTD.

An 'Investor Awareness Program' was conducted on 24.07.2015 in association with the National Stock Exchange. Mr. S. Sivaraman, Assistant Manager CRO Operations; National Stock Exchange of India Limited was the Resource Person. He emphasized on creating awareness on the Stock Exchange, avenues of investments, Do's and Don'ts of Stock Market.



Guest Lecture on Social Dumping

A Guest Lecture was conducted on 17.8.2015 for the Final year MBA Students on 'Social Dumping'. The lecture was delivered by Mr. S.V. Subrahmanian,

Principal Consultant from Mayur Consultant and Learning Services, Bangalore.



Cash award winners with the Principal, Vice Principal & Hod, MBA

DHONI2015 Demanding Heroes for an Organisation with Novel intelligence - A penultimate management competition was organized by CED, AU and Surprise Solutions to help students discover and test their entrepreneurial and management skills. The teams were to float a company with an initial seed money of Rs 1000/- from the event organizers. The second year MBA Students (Fund managers) won the Second Prize with a cash award of Rs.25,000/- and Merit Certificates.

### Other Laurels Won:

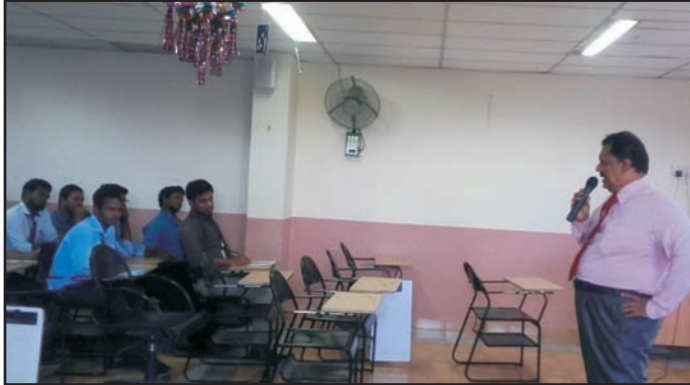
1. Best volunteering Institution : Valliammai Engineering College
2. Best Staff Support Overall : Dr. J. Padmini, HOD Dept of Management Studies.
3. Most Aggressive Team : Fund Managers (II Year MBA)



Guest Lecture on Role of Debt Market in Indian Economy

A Guest Lecture was conducted on 22.09.2015 for the Final Year MBA Students on the 'Role of Debt Market in Indian Economy'. The lecture was delivered by PMJF

Lion CMA P. Raju Iyer, Central Council Member and the Chairman of Cost Auditing Standards Board.



Guest Lecture on FOREX Operations

A Guest lecture was conducted on 26.09.2015 for the Final Year MBA Students on the 'FOREX Operations'. The lecture was delivered by Mr. M. Syed Mohamed,



The Principal's chat with MBA students during the event Bazaar 2015

Assistant General Manager (Credit), Tamilnad Mercantile Bank.

Final Year MBA Students participated in a 3 Day entrepreneurial and retailing skills development program, 'The Bazaar 2015' conducted by the SRM University, Chennai. The students had arranged a stall named 'Bucephalus' and sold T-shirts, Churidar, Biryani, snacks and pickles. Students were given tips on increasing the footfall to their stall and positioning their products to the customers. The students achieved an overall turnover of Rs.28,000/- and earned a profit of Rs.8,040/-.

## The Department of English



Burke Club Activity

The Burke Club organized two sessions of its oratorical competitions on 24<sup>th</sup> August 2015 and 2015. The students from the first year participated actively and bagged many

## NSS



On the occasion of 69th Independence Day Celebration at VEC

69th Independence Day was organized and conducted by the NSS volunteers & Sports Students on 15th August 2015. Mr. N. Lakshmana Perumal, HOD/English hoisted the National Flag and delivered his speech. Dr. H. Krishnan, HOD/Physics Dr. L. Devaraj Stephen, HOD/Chemistry & Dr. K. Thirupathi, Asst. Prof./Physics also spoke on that occasion. The NSS

volunteers organized various awareness programmes related to the freedom fighters and the responsibilities of every true Indian.

A group of NSS volunteers has serviced in the first day of the Freshers on 31.07.15 by welcoming, helping to fill the registration form, seating in their respective places and serving food & refreshments.

Mr. S. Parthasarathy, NSS Programme Officer delivered the introductory speech about the NSS with Power Point Presentation on 08.10.2015. He explained the importance of NSS and pointed out the importance of the NSS Certificate. He also demonstrated the valuable services of the NSS Volunteers in regular and special camp activities.

NSS Volunteer won 20th Place in the National Short Film Competition on Voluntary Blood Donation. Out of 850 short films received from 8 Countries and 20 languages, "Virupam" written & directed by K.S. Hari Krishna, II B.E-Civil-1 was selected as the 20th short film in the National Short Film Competition on Voluntary Blood Donation at, Hyderabad.



prizes. The judge for the session was Dr. Radha Ganesh, Asst. Prof. from the Department of Management Studies.

The English Literary Association organized a one-day workshop on 24.07.15 on 'A Breath of Fresh Air in Resume Writing Skills' for the third year students of EEE, EIE & CIVIL Departments to enhance the Skills of writing a good resume. Dr. Samitra Ghose, Head, Senior Consultant for the workshop enlightened the students on writing a good resume.

## The Department of Chemistry

A Guest Lecture on 'Polymer Science' was conducted on 11<sup>th</sup> September 2015. Dr. Revathi Purushothaman, Asso. Prof., Dr. B.S. Abdur Rahman University delivered the lecture.

Dr. L. Devaraj Stephen co-authored two books namely Engineering Chemistry-I (ISBN:978-93-85562-03-7) and Chemistry Laboratory Manual-I&II (ISBN: 978-93-85562-04-4). He also co-authored two books entitled Engineering Chemistry-I & Applied Chemistry.

Dr. L. Devaraj Stephen presented a paper on the 'Photoinduced Activation of  $\text{CoIII}(\text{tn})2\text{Cl}(\text{L})2+$  on Aqueous  $\text{TiO}_2$  suspensions under Visible-Light Illumination in binary solvent mixtures' in the International Seminar on Save Blue to Save Green organized by the Dept. of Chemistry, Anna Adarsh College for Women, Chennai during Aug. 28, 2015.

Dr. L. Devaraj Stephen presented a paper on the 'Photoinduced activation of  $\text{CoIII}(\text{pn})2\text{Cl}(\text{L})2+$  on Aqueous  $\text{TiO}_2$  suspensions under Visible-Light Illumination in binary solvent mixtures' in the 2<sup>nd</sup> National Conference on the New Renaissance in Chemical Research (NCNRCR-2015) organized by the Dept. of Chemistry, SRM University, Ramapuram, Chennai during Aug. 28-29, 2015.

Dr. L. Devaraj Stephen, Asst. Prof., was invited as the Judge in the Jawaharlal Nehru Science Exhibition held at St. Theresa Girls' Higher Secondary School, Pallavaram on 03.09.2015 organized by the Dept of School Education, Government of Tamil Nadu.

Mr. N. Jaya Prakash, Asst. Prof. presented a paper on the 'Synthesis, Characterization and Antibacterial Activity of Silver Nanoparticles prepared by using Dry Ginger' in the 2<sup>nd</sup> National Seminar on the New Renaissance in Chemical Research (NCNRCR-2015),

organized by the Dept of Chemistry, SRM University, Ramapuram, Chennai between 28<sup>th</sup> and 29<sup>th</sup> of August 2015.

A Guest Lecture on Polymer Science was held on 11<sup>th</sup> September 2015 by Dr. J. Krishnamurthi and Dr. S. G. Gunasekaran have been recognized as the Research Supervisor for Ph.D. programmes by the Anna University.

The National Seminar on the Recent Advances in Chemistry was organized by Kandaswami Kandar's College, Velur during Aug 13-14, 2015,

Dr. L. Devaraj Stephen presented a paper on the 'Photoreduction of  $\text{CoIII}(\text{pn})2\text{Cl}(\text{L})2+$  on Aqueous  $\text{TiO}_2$  suspensions under Visible-Light Illumination in Aqueous-Organic Solvent Media',

Mr. V. Arivalagan presented a paper on the 'Synthesis and Biological activity of some heterocyclic chalcones with 1,2,4-triazoles',

Mr. N. Jaya Prakash presented a paper on the 'Synthesis, Characterization and Antibacterial Activity of Silver Nanorods by Microwave Combustion Method',

Ms. K. Anandhi presented a paper on 'Synthesis of Symmetric Dibenzal ketones',

Ms. M. Meera presented a paper on 'Removal of colour caused by Metal ion through carbon adsorbent',

Dr. M. Soundararaj presented a paper on the 'Removal of toxic metal from water',

Ms. R. Kamakshi presented a paper on the 'Synthesis and X-ray Diffraction Characterisation of Phosphate Ceramics' and

Mr. R. Balaji presented a paper on the 'Equilibrium and Kinetics studies of Iron removal by using natural adsorbents'.

## The Central Library

Dr. B. Balamurugan, Librarian attended a one day orientation cum training programme on 'URKUND : Plagiarism Detection Service' on 22<sup>nd</sup> September 2015 at Anna University, organized by the Information and Library Network (INFLIBNET) Centre and Anna University.

Library has become the institutional member with CSIR- Structural Engineering Research Centre, Taramani Chennai for 2015-2016.

## The Department of Placement and Career Guidance

Aptitude and Company Specific Training was conducted by FACE from 29<sup>th</sup> Aug. to 1<sup>st</sup> Sept. 2015 and from 15<sup>th</sup> Sept. to 16<sup>th</sup> Sept. 2015.

Technical Training was conducted by V Formations on 5<sup>th</sup> & 6<sup>th</sup> Sept. 2015.

Similarly, Soft Skills and Mock Interview was conducted by Ehelium on 11<sup>th</sup> & 12<sup>th</sup> Sept. 2015 and 13<sup>th</sup> & 14<sup>th</sup> Sept. 2015.

The following Companies visited during September 2015 and offered jobs to our students.

- ☉ TCS - 186 students
- ☉ L&T Infotech - 12 students
- ☉ Wipro Technologies - 23 students
- ☉ NewGen - 2 students
- ☉ Kaar Technologies - 1 student

## Value Added Courses

Value Added Courses are organized at our Valliammai Engineering College for enhancing the multi-disciplinary skills of students and Staff from 20.07.15 to 07.08.15.

Dr.V. Dhanakoti, Associate Professor, Department of Computer Science and Engineering was the VAC Coordinator.

Branch/ Course Coordinator	Name of the Course	No. of Students Benefitted
Civil Ms.K.Suganya Devi, AP(OG)	Basic Test of Construction Materials	28
CSE Dr.A.Samydurai, Asso. Prof.	Data Structures Using 'C'	30
EEE Mr.G.Madhusudhanan, AP(SI.G)	Electrical Energy Audit	11
ECE Dr.S.Ramesh, Asso. Prof.	MAT Lab for Communications	27
EIE Ms.S.Vanila, AP(SG)	Foundation Course on Programming in Microcontrollers & ARM Processor	41
Mechanical Mr.P.Ramu, AP(OG)	CNC Machining	24
IT Mr.M.Kavin Kumar, AP(OG)	PHP & MySQL	37
MBA Mr.K.Guru, AP(OG)	Training on Financial Planning Strategies	30
Placement Ms.S.Vijayalakshmi, AP(OG)	Civil Services Aptitude Test (CSAT)	20

## The Department of Physics

Dr.H.Krishnan attended 'Stakeholders Workshop' for discussion on AICTE Approval Process 2016-2017 held on 11<sup>th</sup> September 2015 at Chennai.

## National Programme on Technology Enhanced Learning



On the occasion of receiving NPTEL Award and Certificate (inside : NPTEL Award)

Under the auspices of the National Programme on Technology Enhanced Learning (NPTEL), a project funded by the Ministry of Human Resource Development (MHRD), our VEC provides e-learning through online Web and Video courses in Engineering, Sciences, Technology, Management and Humanities.

As part of it, the following courses were offered and certificates issued to the student participants during July-September 2015 and 76 students received certificates and six toppers (V.Arunkumar, R.Sibi, D.Baskaran & R.Abinesh from B.E. Mechanical Engineering, V.Jeevana B.E. EEE & K.Kanagaraj B.E. Civil) were amongst them.

Name of the Course	No of students received certificates
Analog circuits	8
Computer Architecture	4
Basic Electrical Circuits	24
Sustainable River Basin Management	10
Principles of Modern CDMA MIMO OFDM Wireless Communications	12
Fundamentals of Database Systems	10
Manufacturing Systems Technology	8