

## *Faculty Orientation Programme*



Faculty Orientation Programme was conducted to the Teaching Staff Members in the rank of Assistant Professor with over 5 years of experience on 30<sup>th</sup> & 31<sup>st</sup> December 2013 at Admin Block Seminar Hall, VEC. The programme paved the way for not only sharing ideas but also helped the individuals to interact among themselves to design a future course of action as to what best can be imparted for the betterment of student communities. In an era full of challenges and risks, programmes of this kind are very essential for a successful life. The values shared are highly worthy as they are derived from impeccable dedication of teaching faculty which endeavours to build a strong and knowledge thirsty student generations.

Dr.B.Chidambararajan, the Principal delivered an impressive account on 'How to Bring Joy Back to Your Work'. Mrs. Monica Paul, Head-Placement shared her innovative ideas through an activity oriented session. Dr.J.Padmini, HOD/MBA, shared her experiences and motivated the Faculty on the title 'Challenges of Mid Career Faculty Members'. Dr.S.Thirugnanam HOD/Mechanical shared his impressive account on teaching methodologies under the title 'Learning and Beyond Curriculum Objectives'.

Dr.H.Krishnan, HOD/Physics delivered a valuable lecture on 'The Best Practices in the Engineering Colleges'. Dr.M.Anbucheziyan, Asst. Professor (Sel.G) (MR-ISO) delivered a lecture on "Quality Objectives and ISO Processes". Dr.Andy Srinivasan, HOD/EIE shared the techniques in teaching in the challenging environment on 'Teaching Pedagogy - Objective and Receptive Learning'. Dr.D.Elango, HOD/Civil delivered an interesting



lecture on how to kindle the interest on learning Learners Expectations Magnetic Tools of Classroom. Prof.N.Lakshmana Perumal, I Year Chief Coordinator briefed the essentials of 'Correct Pronunciation of Teachers in Classrooms'. Dr.M.Murugan, Vice Principal shared his experience and knowledge related to the ever expanding and never ending area of research on the title 'Research, Consultancy and Publications - Demand of Gen-Next'.

## The Department of Civil Engineering

Ms.N.Kayalvizhi, Asst.Prof (O.G) Ms.M.S.Keerthana Rani, Asst.Prof (O.G) attended a two day National Seminar on “Environmental Issues and Sustainable Development” held at Sri Sairam Engineering College on 11<sup>th</sup> and 12<sup>th</sup> Nov,2013.

Mr.R.Thiyagarajan, Asst.Prof(O.G) participated in a one week Faculty Development Training Programme on “Design of Steel Structures” held at College of Engineering, Guindy from 27.11.2013 to 4.12.2013.

Mr.Bimal Mohan.T.C, Asst.Prof(O.G) participated in a one week Faculty Development Programme on “Structural Analysis II” held at SRM Eswari Engineering College from 05.12.2013 to 11.12.2013.

Ms.K.Suganya Devi, Asst.Prof.(O.G) participated in a one week Faculty Development Training Programme on “Structural Analysis - II” held at SRM Eswari Engineering College from 05.12.2013 to 11.12.2013.

## The Department of Computer Science and Engineering

A paper titled “Real Time Image Processing Based intelligent Traffic Management System” by Mr.G.Kumaresen AP/CSE, Mr.C.Vijayakumaran AP/CSE been published in the “International Journal of Trends in Computer Science”, ISSN :7462-8452,Volume 2,Issue 11, 2013.

A paper titled “Influence of Non Function Characteristics in Software Effort Estimation using Function Point Analysis” by Mr. M. Senthil Kumar has been selected in Jokul Journal.



Ms.K.Devi, AP (Sr.G) delivering lecture on Office Automation

A paper titled “Enhancing Secure Transaction and Identity Authentication in M-commerce” by Dr.B.Vanathi AP/CSE and K.Shanmugam(final yr M.E) has been accepted in the International Conference on Information Technology, Computer Science and Management(ICITCSM) organized by the Institute of Research and Journals (IRAJ).

A two day workshop on ‘MS-Office Automation’ was organized on 26<sup>th</sup> & 27<sup>th</sup> of December 2013 for the technical staff of all departments by Dr.B.Vanathi, Ms.K.Devi, Mrs.S.Suma, Ms.C.Pabitha.

## The Department of Electronics and Communication Engineering

Dr.M.Murugan, Vice Principal, Coauthored and published a paper entitled ‘Optimal Transmit Antenna Selection for Closed Loop Spatial Multiplexed Precoded MIMO for LTE Systems’ in IETE National Journal of Innovation and Research, Vol.1, Issue.2, Dec-13, pp.22-25.

Mr.C.Amali, AP (SG) and Ms. Asha (Sel.Gr) attended a workshop on Advanced RF Measurements for Engineering and Research in B.S.Abdur Rahman University.

Ms.ThirilogasundariAP (OG) and Ms.Vetriselvi attended an FDP on Cloud Infrastructure and Services in the Valliammai Engineering College during October 2013.

Mr.Ramesh AP (Sel.Gr) attended the 7<sup>th</sup> IEEE International Conference ANTV2013 in the SRM University.

Ms.KomalaJames, Professor and Head of the Department attended a workshop on Quality Improvement conducted by the Nodal Center held in the Tagore Engineering College, Chennai during December 2013.

Mr.S.Murugan, Lab Assistant, Mr.Ramesh Kumar, Programmer, attended a two day workshop on MS Office Automation held in the Valliammai Engineering College conducted by the Department of CSE.

Mr.G.Udaya Kumar has been awarded the Doctor of Philosophy by the Anna University, Chennai during November, 2013.

Ms.Komala James, Professor & Head of the Department published a research article on “Seamless Mobility in 4G Heterogeneous Wireless Networks” in the Journal of Theoretical and Applied Information Technology.

Third year students attended a workshop on Robotics in the SRM University held during December, 2013, went on an industrial visit to Green Pearl Electronics Pvt. Ltd., on 8th December 2013 and to ISRO Sriharikota on 4<sup>th</sup> October 2013.

## The Department of Electrical and Electronics Engineering



Release of Souvenir and CD of “EMERGE2K13” by the Chief Guest and the Vice Principal

The Department of Electrical and Electronics Engineering of Valliammai Engineering College organized a One Day National Level Technical Symposium “EMERGE 2K13” on 12<sup>th</sup> October 2013. The Symposium was organized with a primary objective of bringing together the academicians and practitioners of the Electrical, Electronics and other associated fields on a common platform to share their knowledge and expertise so as to contribute towards research and development in the field.

The inaugural session of the Symposium began with the invocation followed by the lighting of Kuthuvilakku by the delegates on the dais. Welcome Address was delivered by Mr. G. Madhusudanan, Head of the Department (In-charge). Dr.M.Murugan, Vice Principal of the Valliammai Engineering College delivered the Presidential Address in which he spoke about the appropriateness of the Symposium in a scenario of the Power Crisis across the state and also congratulated the

office bearers of the symposium for the fruitful attempts to organize the symposium “EMERGE 2K13”.

Following this, the Chief Guest Mr. P. Kanagavel, Scientist and Unit Chief (ITCS), Centre for Wind Energy Technology (CWET) presented the Inaugural Address. In his address, he highlighted the importance of using renewable source of energy. He also spoke about the importance of organizing such symposia for the benefit of Student Community. He pointed out that such symposia would ignite a spark in the minds of the budding engineers and they would be triggered to explore more in their areas of interest. Following the Inaugural Address, in harmony with the session the Souvenir and CD of “EMERGE2K13” were released by the Chief Guest and the Vice Principal respectively. The inaugural session ended with the Vote of Thanks proposed by Mr.E.Vigneshwar, the Student President of “EMERGE 2K13”.

About 150 papers on diverse topics encompassing power system, power electronics, energy management, control system, etc., were received for the Symposium from reputed institutes across the country. The expert panel selected around 50 papers for presentation in the symposium after careful scrutiny. Various events on both Technical and Non technical backgrounds were conducted. Events pertaining to Technical knowledge such as Circuit Debugging, Technical Quiz had overwhelming response from the participants. For Technical Events both Internal and External participants were given prizes separately. The Department expressed its gratitude to the Management, Principal and Vice-Principal for their support for the successful conduct of the Symposium.

A Workshop on ‘Electrical & UPS Maintenance’ was organised by the Department of EEE on 26<sup>th</sup> & 27<sup>th</sup> December 2013. Ms.N.Priya, Assistant Professor was the Coordinator.

## The Department of Electronics and Instrumentation Engineering

Dr. S.Visalakshi, ME.,Ph.D., has joined as Professor, Mr. G. Shiva. ME., Ms.V.Vijalakshmi. ME.,MBA.,and

Ms.D.Arbuta. ME., have joined as Asst. Professors (OG) in the Department of EIE, VEC.

Mr.R.Issan Raj, A.P(OG) and Ms.F.Agilydia Prizzi, A.P(OG) attended the Faculty Development Program on Digital Control System held from 2.12.13 to 8.12.13 in the Instrumentation Engineering Department, MIT Campus, Anna University.

Ms.T.Yuvapriya.A.P(OG) attended the Faculty Development Program on Process Instrumentation Systems Dynamics and Control held from 29.11.13 to 6.12.13 at the A.C. Tech, Campus , Anna University Chennai.

Ms.S.Vanila, A.P(Sr.G) and Ms.V.Mangaiyarkarasi, A.P(Sr.G) attended the Faculty Development Program on Power System Analysis held from 9.12.13 to 16.12.13 at the EEE Department, VEC.

Ms.V.P. Sandhya. A.P(OG) and Ms.P.Kalaiyarasi. A.P(OG) attended the Faculty Development Program on Digital Image Processing held from 9.12.13 to 15.12.13 at MIT Campus, Anna University Chennai.

Ms.S.C.Prasna. A.P(Sl.G) and Mr.V.Suresh Kumar.A.P(Sr.G) attended the Faculty Development Program on VLSI Design held from 9.12.13 to 15.12.13 at MIT Campus, Anna University Chennai.

Ms.Sangeetha Manickam, of II Year ME C&I, Mr.G.Umapathi Sivam. A.P(OG) and Ms.T.Yuvapriya. A.P(OG) published a paper titled "Particle Swarm Optimization for a Metamaterial Spiral Resonator" in the International Journal of Recent Advances in Engineering and Technology (IJRAET) in Volume -1 , Issue 2 in the year 2013.

Avinash Kumar, Ali Ashghar.Q and Akilesh. E of IV year , presented a Paper titled "Mangometer" and won I prize in the National Level Technical Symposium " Precision +13" on 7<sup>th</sup> Oct 2013 at the B.S.Abdur Rahman University, Chennai.

Avinash Kumar , Ali Ashghar.Q and Akilesh. E of Final year, participated in the Technical Quiz , Project Display and Instrumania Event and won I prize in all the three events conducted in the National Level Technical Symposium " Precision +13" on 7<sup>th</sup> Oct 2013 at the B.S.Abdur Rahman University Chennai.

## The Department of Mechanical Engineering

Mr.K Arumugam AP (OG) attended a four day work shop on "Applications of Nanotechnology in Mechanical Engineering" from 18<sup>th</sup> - 21<sup>st</sup> Dec. 2013 organised by the NIT Trichy.

Mr.S.Karthikeyan AP(OG) attended a five day intensive training on "Computational Fluid Dynamics" from 23<sup>rd</sup> to -27<sup>th</sup> Dec. 13, organized by the VIT, Chennai.

## The Department of Information Technology

The department of Information Technology in association with ICTACT organized a five day Faculty Development Programme on "Cloud Infrastructure and Services" from 28.10.2013 to 01.11.2013. The course coordinators were Mr.K.Ravindran, A.P. (Sr.G), Department of IT Oracle Academy Instructor & ICTACT Coordinator and Mr.M.Senthilkumar, A.P.(Sr.G), Department of CSE. The session was handled by Mr.Shanmugavel, ICT Academy of Tamilnadu. Ms. R.Thenmozhi, A.P.(Sr.G), Mr.K.Ravindran, A.P.(Sr.G), Mr.K.Elaiyaraja, A.P.(O.G), Ms.K.Mohanambal, A.P. (O.G), Ms.M.Dhatchayani, A.P. (O.G), Ms.J.Ponni, A.P. (O.G), Mr.M.Kavinkumar, A.P. (O.G), Ms.S.Sandhya, A.P. (O.G), Mr.R.Senthil, A.P. (O.G) participated in the program.

Ms.A.R.Revathi, A.P. (Sl.G) participated in a two day workshop on "Object Tracking Robot using Image Processing" held on 19th and 20th October 2013 at the Madras Institute of Technology Campus, Anna University.

Ms.A.R.Revathi, A.P. (Sl.G) participated in a three day MATLAB workshop on Artificial Neural Networks (ANN) & its Applications in Pattern Recognition and Classification, conducted by Scientific Computing Solutions - Chennai, held from 14<sup>th</sup> -16<sup>th</sup>, November 2013 at the In-house Training Facility, T.Nagar, 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  
**Dr. M. Savitri**, Asst. Professor (Sr.G), Dept. of English  
 Layout & Design : **Mr. N.S.T. Elavarasu**, Placement Executive

Ms.J.Ponni, A.P. (O.G) participated in a one day National Workshop on "Semantic Webmining" organized by the School of Computing Science and Engineering, VIT Chennai on 25<sup>th</sup> October 2013.

Ms.A.R.Revathi, Asst. Prof. (Sel.G), Ms.R.Saranya, A.P (O.G) and Ms.S.Sandhya, Asst. Prof. (O.G) of IT Department were awarded the "Diploma in Student Counselling" by the Coimbatore Psychology Foundation in September 2013.

## The Department of Management Studies

A One day Management Meet was organized by the Saveetha Engineering College, Chennai on 21.08.2013 in which first year MBA students participated and won prizes in the management events.

A workshop titled "Entrepreneurship Orientation Programme" was conducted on 27.08.2013 at NSIC Technical Centre, Guindy. All second year MBA students participated in the programme and enriched their knowledge on scope for entrepreneurship. The programme gave the students an exposure to the various entrepreneurship avenues.

An Entrepreneurship Training Programme was conducted for five days from 30.8.2013 to 05.09.2013 by the Ministry of MSME (Micro Small and Medium Enterprises), Govt. of India. 25 students from II MBA attended the programme for all the five days. People with high profile were invited as resource persons like Mr. S.Satheesh Kumar, Dy. Director, MSME, Chennai, Mr.Valliappan, MD, Friendly Auto works, Chennai. Students gained substantial knowledge from the experience of the resource persons drawn from the different capacity and different disciplines.

A three day programme on Entrepreneurship Training was conducted for all the final year MBA students from 17.09.2013 to 19.09.2013. Mr. M.S.Subramaiyan, Retd. DGM from NSIC conducted the programme very effectively. Students imparted knowledge on how to start a business, how to prepare a project and the supporting and funding agencies of state government.

A Guest lecture was organized for the II year MBA students. Mr. P. Nageswaran, officer in charge, Foreign Exchange Division, Punjab National Bank, Chennai, delivered a lecture on "Foreign Exchange management" on 18.09.2013. He discussed the practical issues, the intricacies and nuances of the Forex and Forex rates. Students actively participated and interacted with the Resource person effectively.

A Guest lecture on the "Environmental Friendly Marketing Practices" was organized on 10.10.2013 for I & II year MBA students. The resource person Mr.K.Gomathishankar, Co-Founder & Director-Marketing, Spark 'n' beyond, Chennai delivered a lecture on Green Marketing, its importance and practical relevance & its prospects and futures.

A Guest lecture on "Right Attitude and Why Freshers get rejected in Interviews" was organized by the Department of Placement on 25.11.2013 for the I MBA students. The resource person Mr. Ayaz Mohammad, M.D & CEO, Axis HR Consultancy Private Limited delivered a lecture with visual supports. He had a discussion on the topic relevant to interview, expectations of the industry and strong determination & the right attitude of a candidate, etc.

## The Department of Computer Applications

Ms.C.Shalini, Programmer attended a workshop titled "Electrical & UPS Maintenance" organized by the department of EEE on 26 & 27.12.13.

Ms.R.Vithyaarthi, Programmer attended a workshop titled "MS-Office Automation" organized by the department of CSE on 26.12.13 & 27.12.13.

## The Department of Chemistry

A National Seminar on the Concepts of Green Chemistry was organized on 16<sup>th</sup> November 2013. The seminar was funded by the VEC Management and Industries. About 50 participants from Chennai, Kanchipuram, Pondicherry and various parts of Tamil Nadu attended the programme. The Presidential



The Director, Valliammai Society & The Pro Vice Chancellor, SRM University delivering an inspiring lecture on the National Seminar on the Concepts of Green Chemistry organised by the Dept. of Chemistry

address was delivered by Dr.T.P.Ganesan Director, VEC & Pro-VC(P&D), SRMU who said that “Research on Green Chemistry” is the keyword for growth & development. The keynote address was delivered by Vice Principal Dr.M.Murugan, who emphasized the need for Green Chemistry for better development of the nation. Dr.S.Baskaran of Chemistry Department, IIT Madras, gave a bird's eye view of the program to the audience. The second session was handled by Dr.J.Sreeram, Principal Scientist, CLRI. He said that the program was carefully designed & chalked out the research on Green Chemistry. Dr.J.Santhalakshmi, Professor & Head, Department of Physical Chemistry, University of Madras listed the techniques & various ideas in Green Chemistry. Dr.J.Judith Vijaya, Associate Professor, Department of Chemistry, Loyola College gave novel ideas related to the concepts of Green Chemistry & Nano materials. The programme got an overwhelming response from the academic fraternity & research aspirants.

A Paper on ‘Study of Molecular Interactions in Binary Mixtures of 2-Chloro-4 Methoxy Benzoin with



The participants of the National Seminar

various solvents through Ultrasonic Speed Measurements’ authored by Prof. Charles C. Kanakam and B.Thanuja was published in the 'Indian Journal of Physics', 12, 2013, 12648.

Dr.Mani Rahulan, Asst. Professor in Physics, SRM University registered at Anna University under the guidance of Dr.Charles Christopher Kanagam, completed his Viva Voce on 19<sup>th</sup> October, 2013.

## The Department of English

The Department of English christened the English Literary Association in the name of 'Eclectic Lingua'. The Inauguration was on 23.11.13, Saturday at The Old Seminar Hall, Admin Block, Valliammai Engineering College. The students of first year enrolled themselves for the Association summing it to a good strength of 250 and above. The Association has its focus on chiseling the



The Inauguration of the English Literary Association 'Eclectic Lingua'

communication skills of the students and their professional make over. The take off was made memorable by the Seminar conducted by Sqn. Ldr: Dr.P.Ramani, Emeritus Professor, Prist University who ornated the beginning as the Chief Guest. He put in a nutshell the evolution, growth and adaptation of the English language in India. Prof.N.Lakshmana Perumal, Head of the Department and First Year Chief Coordinator initiated the entire session and delivered the Special Address for the day. Students were involved in an extempore and Just a Minute Contests. The Winners were given prizes.

Mr. G.Gopinathan, Lab Assistant, Department of English attended a workshop titled “MS-Office



The Chief Guest, Sqn. Ldr. Dr. P.Ramani, Emeritus Professor, PRIST University handling the session

Automation” organized by the Department of CSE on 26.12.13 & 27.12.13.

Ms. J.Nadhiya, Programmer, Department of English ,attended a workshop titled “Electrical & UPS Maintenance” organized by the department of EEE on 26.12.13 & 27.12.13.

## The Department of Placement & Career Guidance

The Department of Placement and Career Guidance organised the few ON Campus and OFF Campus programmes.

Retailon Company visited our campus for Campus Drive on 7<sup>th</sup> & 8<sup>th</sup> December 2013 and three students were recruited

The Anna University organised a two-day Tamil Nadu State Level Placement Programme on 30<sup>th</sup> & 31<sup>st</sup> December 2013. Four students were selected from our college. Till Dec. 2013, a total of 123 students are placed.

## The Department of Physics

A Guest lecture was delivered by Dr.S.Ravi, Professor, Dept. of Physics, IIT-Guwahati on “Spintronics and Diluted Magnetic Materials” on 30.10.2013.

Dr.H.Krishnan, Dr.M.Anbuechezhiyan, Mrs.K.Sarojini and Dr.K.Thirupathi attended a One Day National Seminar on “Concept of Green Chemistry” organized by the Dept. of Chemistry, VEC on 16.11.2013.

Dr.H.Krishnan, Prof. & Head, delivered a lecture on “Best Practices in Engineering College” in Faculty Orientation Program organized by VEC on 30.12.2013.

Dr.M.Anbuechezhiyan, Asst. Professor (Sel.G) delivered a lecture on “Quality Objectives and ISO Processes” in Faculty Orientation Program organized by VEC on 30.12.2013.

## The Central Library

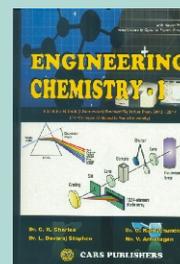
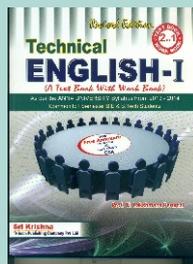
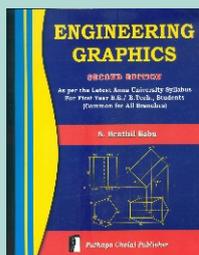
Dr.M.Rajendran, Librarian was relieved from his service on 31<sup>st</sup> December 2013.

Dr.B.Balamurugan, took charge as Librarian, VEC Library from 1st January 2014.

Mr.N.Chidambaranathan has completed Post Graduate Diploma in Human Resource Management course (PGDHRM).

10 new systems have been added to the Digital Library.

## Books Published during 2013 June to 2013 December



Books on Engineering Chemistry, Engineering Graphics and Technical English I were published for the First year students by Mr.S.Senthil Babu, Prof.N.Lakshmana Perumal and Dr.L.Devaraj Stephen & Mr.V.Arivazhagan respectively.

## Anna University, Chennai - Rank List - 2013 Batch

S.No	Branch	Register No.	Name of the Student	Rank Secured
1.	CSE	42209104053	PITCHAIAMMAI S	6
2.		42209104023	DIVYA H B	30
3.		42209104084	SULOCHANAA V	35
4.		42209104012	ARCHANA M	47
5.	ECE	42209106020	CIYAMALA KUSHBU S	34
6.		42209106028	GOKULA KRISHNAN T	46
7.	EIE	42209107052	PRIYADHARSINI G	14
8.		42209107079	VISHAKA P	50
9.		42209114028	KISHAND J	45
10.	IT	42209205096	YUVARANI N	36
11.		42209205069	RUBARANI D	38
12.	M.E.-PSE	412811411001	ANLY ABRAHAM	6
13.	M.E.-C&I	412811428005	PRIYADARSHINI M	1
14.		412811428012	VIJAYALAKSHMI V	2
15.	MBA	412811631011	GABRIELA SEBATINI R	5
16.		412811631006	BANUPRIYA J	25
17.		412811631012	GAYATHRI S	27
18.		412811631008	DEEPA R	32
19.		412811631022	JEREMIAH PARVATH RAJ H	43
20.		412811631042	SATHYA NARAYANA GANDHI P	46
21.		412811631010	FATHIMA SABNA S	48
22.	MCA	42210621012	KALAIVANI S	29
23.		42210621037	SUGANYA S	31
24.		42210621008	GAYATHRI V S	46

## Forthcoming National Conferences at VEC

- AICTE Sponsored National Conference on 'Recent Trends in Wireless Communication and Networking [RTWCN]' organized by the Department of ECE on 7<sup>th</sup> and 8<sup>th</sup> March 2014.
- National Conference on 'Recent Trends in Computational Intelligence-2014 (NCRTCI-14)', jointly organized by IT & MCA Departments on 22<sup>nd</sup> March, 2014..
- National Conference on 'Computer Communication and Networking [NC3N]' organized by the Department of CSE on 4<sup>th</sup> & 5<sup>th</sup> April, 2014.
- National Conference on 'Emerging Trends in Mechanical Engineering' on 9<sup>th</sup> April 2014.
- National Conference on 'Advancements and Challenges in Civil Engineering' organized by the Department of Civil Engineering on 11<sup>th</sup> April 2014.
- National Conference on 'Emerging Technologies in Electrical Engineering' on 19<sup>th</sup> April 2014.
- National Conference on 'Emerging Trends in Electronics Instrumentation and Control' on 3<sup>rd</sup> May 2014.

For more details visit our website : [www.valliammai.co.in](http://www.valliammai.co.in)