

Orientation Programme

A two-day 'Orientation Programme' for junior faculty members of our college was conducted on 29 & 30, Nov. 2012. Over 60 teaching members attended the orientation programme. The programme focused on the importance of ideal class rooms, staff regulation, handling students, time management, importance of self development in connection with publishing papers, writing articles & books. The programme also gave an insight about communication skills and soft skills.



Orientation Programme session



At Persuasion and Negotiation Skills & Lateral Thinking session of Orientation Programme

The resource persons and their topics are given below:

S.No.	Name	Topic
1.	Dr.B.Chidambara Rajan	Ethics in Class Conduction, Students Counseling Self Appraisal, Teachers Contribution to the Growth of the Institute
2.	Dr.M.Murugan	Job Responsibilities of Engineering College Teachers & Publish or Perish
3.	Dr.J.Padmini	Qualities of a Good Teacher
4.	Dr.Radha Ganeshkumar	Imitation Class Room
5.	Ms.J.J.Monica Paul	Common Errors in Verbal Communications
6.	Dr.A.Subramanian	Self Confidence
7.	Dr.M.Savitri	Mother Tongue Influence
8.	Ms.Sheeba Manodh	Positive Attitude and Leadership Qualities
9.	Ms.M.Chithra	Persuasion and Negotiation Skills & Lateral Thinking

A National Conference on Microwave & Millimeterwave Communication [NCMMC-2013] has been organized by Dept. of ECE during April 18 - 19, 2013
 For more details, visit our college website www.valliammai.co.in

Department of Electronics and Communication Engineering

Dr.M.Murugan co-authored 'A Comprehensive Literature Survey on Antenna Selection in MIMO for Future Generation Wireless Systems' published in CiiT International Journal of Wireless Communication, Vol.4, No.13, Aug. 2012, pp.748-752.

Dr.M.Murugan attended the One Day State Level Conference on Establishment of Entrepreneurship Development Cells in Higher Education Institutions in Tamil Nadu held at Chennai Trade Centre on 21st December 2012.

Dr.M.Murugan has been recognized as a Supervisor for guiding Ph.D/M.S (By Research) of Anna University, Chennai.

Dr.M.Murugan coauthored a technical paper entitled 'Performance of Space-Time Block Coded MIMO Systems for Rayleigh Fading Channel' has been published in the Proceedings of International Conference on Recent Trends in Control Communication and Computer Technology (RTCCCT-2012) IRNet, Page no. 42-45, November 2012.

Ms.R.Asha has attended a workshop on Wireless Sensor Networks at B.S. Abdur Rahman University from 13.12.12 to 14.12.12.

Mrs.M.Latha has attended a workshop on FPGA based frame work image processing at Madras Institute of Technology on 15.10.12.

Mr.S.Senthilmurugan has attended a Faculty Development Training Programme on VLSI Design at CEG Campus, Anna University from 05.12.12 to 11.12.12.

Department of Electrical and Electronics Engineering



On the occasion of SCADA Guest Lecture

The IEEE Madras Section in association with the IEEE Valliammai Student Branch has organized a Guest Lecture for faculty and students on "Supervisory Control and Data Acquisition (SCADA)" at Valliammai Engineering College on 17th October, 2012. Mr.A.Thiagarajan, Assistant Executive Engineer, SCADA Maintenance, TANTRANSOCO, was the resource person for the occasion. The lecture began with the introduction to SCADA followed by the use of SCADA in power industry. The distributed and centralized operation of power network was demonstrated with the schematic layout of substation. The necessity of SCADA and the functioning of Control Centres in TNEB viz., State Load Despatch Centre and Distribution Control Centre were explained.

Department of Electronics and Instrumentation Engineering

Dr.Andy Srinivasan, HOD/EIE, has presented a paper titled "Design and Implementation of a Rotary Inverted Pendulum using LABVIEW Interface" in the National Conference on Modeling, Simulation and Optimization NCMSO 2012 on Nov. 2nd, 2012 at VELS University.

Ms.S.C.Prasanna, published a paper titled "Simulation of Three ARM AC automatic voltage regulator" in the National Conference on Modeling, Simulation and Optimization NCMSO 2012 on 2nd Nov, 2012 at VELS University.

Mr.V.Sureshkumar, presented a paper titled "ASTATCOM Control Scheme for Wind Energy System to Improve Power Quality" in the National Conference on 2nd Nov, 2012 at VELS University.

Ms.V.Mangaiarkarasi, published a paper titled "Design of Temperature Controller for a Heat Exchanger" in the National Conference on Modeling, Simulation and Optimization NCMSO 2012 on Nov 2nd, 2012 at VELS University.

Mr.A.Balasundara Ganapathy, published a paper titled "Neural Based Face Detection Recognition" in the National Conference NCCCS on Oct 12th 2012 at Adhi Engineering College.

Ms.F.Agi Lydia Prizzi, published a paper titled "Development of EDA tool for configuration Management of FPGA Design" on 17th Oct 2012 at Muthayammal Engineering College.

Ms.S.C.Prasanna, has attended a two day workshop on "XILINX DSP Design Flow using systems Generator" in NIELIT on 13th and 14th Sep2012.

Il year EIE students went for an Industrial Visit to Neyveli Lignite Corporation Ltd (NLC), Neyveli on 5th OCT 2012. In NLC they visited the Mines and Thermal Power Station, Instrumentation Calibration Laboratory and had gained practical exposure regarding the Coal Handling system and Thermal Power Generation.

Department of Information Technology

Mr.R.S.Vijayavikumar, A.P(Sel.G) attended a technical seminar "Benefits of automating coding standard enforcement & code review process" on 22nd November, 2012 by PRQA Programming Research, Bangalore.

Mr. D.Jagannath Kumar, AP (Sr.G) has attended one day seminar titled "How to write a research paper and get it published" on December 20th 2012 at Jerusulam Engineering College.

Mr.K.Ravindran, A.P. (Sr.G) has given the responsibility as ICTACT Coordinator for our college and got institutional membership from Oracle Academy through ICTACT. Two staff members Ms.S.Jeyalakshmi, A.P. (Sl.G) and Mr.K.Ravindran, A.P. (Sr.G) have been nominated for Oracle and Java respectively. Mr.K.Ravindran, A.P. (Sr.G) took up the Java Fundamentals and Programming along with Alice and Green Foot Softwares and completed three examinations. He is now an Oracle certified Instructor eligible to train any number of students for the same.

Four students of II year have attended a one day workshop titled "National E-Commerce Program" at MIT on 19th December 2012.

II year students Ms.Swetha.S and Ms.Rajalakshmi.S have presented a paper titled "Security and Networking" in the event National Level Technical Symposium held at Valliammai Engineering College on 6th September 2012.

Department of Computer Applications

The students of I and III year MCA conducted FRESHERS' DAY on 11th October 2012 to welcome the MCA first year students.

K.Sivagurukumareswaran of II MCA has been selected as Microsoft student partner on 10-12-2012. He will be representing our College in all Microsoft programmes during the year 2012-13.

Department of Management Studies

A workshop titled "Online trading" was conducted on 16.10.12 at AMS College of engineering. II year MBA students with finance specialization participated in the programme and benefited by the detailed lectures.

An industrial visit to Tube Products of India, Avadi was arranged for I year MBA students on 6.11.12. Visit to one of the largest Manufacturing units in India gave students a broad knowledge and practical exposure about different departments and their management techniques.

A one day Workshop on "Entrepreneurial Development", on 7.11.12 in which selected I year MBA students attended and was organized by Tagore Engineering College.

Mr. Mr.R.Govindarajulu, Former Deputy Secretary, Home Affairs, Practicing Lawyer, High Court, Chennai delivered a guest lecture on "Industrial laws and Consumer protection Act" on 7.11.12 to first year MBA students.

Department of Physics

The department of physics has been recognized as a Research Centre under Anna University Chennai.

Dr.H.Krishnan, Professor and Head participated in the workshop on Outcome Based Accrediation Process and Parameters at SRM University, held on 8th November, 2012.

Dr. M. Anbuezhayan, Assistant Professor (Sel.G), is approved as Research Supervisor by Anna University, Chennai.

Dr. M. Anbuezhayan, Assistant Professor (Sel.G), has attended the Twenty Fourth National Seminar on Crystal Growth [XXIV-NSCG] organized from 20th to 22nd, December, 2012 at Crystal Growth Centre, Anna University, Chennai.

Mrs.K.Sarojini, Assistant Professor (Sr.G) has published a paper in Advanced Materials Research Vol. 665 (2013) pp 101-111© (2013) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMR.665.101

Department of Placement and Career Guidance

During the month from October 2012 to January 2013, totally 26 students were selected from Newgen, Sanmina, CTS, Aon Hewitt, Johnson Controls, Interglobal Technologies and Enzen Software Solutions .

Mrs.J.J.Monica Paul, Head-Placement, presented a paper on "English as Lingua Franca" in the two-day UGC sponsored International Seminar on ELT in the Context of Globalised World held at Madras Christian College from 30 to 31 Jan. 2013.

Department of Chemistry

Dr.Charles Christopher Kanakam, Professor and Head, Department of Chemistry, published the following eight research articles.

- Growth and Characterization of a new NLO material: 4-methoxy benzoin. Charles et al, Photonics Letter of Poland, 4, 2012, 41-43.
- Ultrasonic studies of intermolecular interactions in binary mixtures of 4-methoxy benzoin with various solvents: Excess molar function of ultrasonic parameters at different concentration and different solvents. Charles et al, Ultrasonics Sonochemistry, 19, 2012, 1213.
- Study of intermolecular interactions in binary mixtures of 2'-chloro-4-methoxy-3-nitro-benzoin in various solvents and at different concentrations by the measurement of acoustic properties. Charles et al, Ultrasonics Sonochemistry, 19, 2012, 1213.
- Etching microhardness and laser damage threshold studies on a nonlinear optical material L.Valine. Charles et al Eur.phys.J.Appl.Phys (2012).
- Synthesis, X-ray structure characterization, NBO & HOMO-LUMO analysis using DFT studies of 4-methyl-N-(naphthalene-1-yl)-benzene sulphonamide. Spectrochimica Acta A Mol.Biomol.Spectroscopy 20, July, 2012. Charles et al.
- "Structural features and existence of three photon absorption in Ag doped TiO₂ nanoparticles, synthesized by sol-gel technique". L.Devaraj Stephen, Charles et al, J.Alloy.Compds, 554, 2013, 432-437.
- "Spectral and nonlinear optical transmission studies of Zr₄-doped TiO₂ nanoparticles" L.Devaraj Stephen, Charles et al, Applied Surface Science, 266, 2013, 326-331.
- "Synthesis and optical limiting effects in ZrO₂ and ZrO₂ @ SiO₂ Core-Shell nanostructures" L.Devaraj Stephen, Charles et al, Ceramics International, articles in press, 2013.

Dr.Charles Christopher Kanakam, Dr.L.Devaraj Stephen and Mr.V. Arivalagan have published a book "Engineering Chemistry-II" for I year engineering students.

Dr.L.Devaraj Stephen, Assistant Professor, Department of Chemistry is recognised as research supervisor of Anna University, Chennai during January 2013.

Ms.R.Manju, Lecturer, has attended National Seminar on "Recent Trends in Green Chemistry" held at SSN College of Engineering on Nov. 3, 2012.

Mr.N.Jayaprakash, Assistant Professor has attended "Recent trends in Green Chemistry" held at SSN College of Engineering on Nov. 3, 2012. His research work has been published in the international journal, Journal of Dispersion Science and Technology with impact factor 1.

Ms. M. Meera, Assistant Professor, has attended National Seminar on "Recent trends in Green Chemistry" held at SSN College of Engineering on Nov. 3, 2012.

NSS



Dengue Awareness programme among house wives at Madampakkam Village

31 students and NSS Programme Officer went to Madampakkam Village near Guduvancheri on 22.11.12 at 11am to create awareness on Dengue among house wives. Mr.Pon Suresh, Panchayat NSS Board President presided over the function. Welcome address and introduction speech were given by the NSS Programme Officer.

16 Volunteers participated in various events to create awareness on AIDS at Anna University for "World AIDS Day" on 30.11.12. S. Karthika ECE-2 won third prize in painting and the NSS team won second prize in skit.

EDITORIAL

The Chief Editor	: Dr. B. Chidhambara Rajan, Principal, VEC
Editors	: Dr. M. Murugan, Vice Principal, VEC Dr. M. Savitri, Asst. Professor (Sr.G), Dept. of English
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