



Valliammai Engineering College

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VEC NEWS

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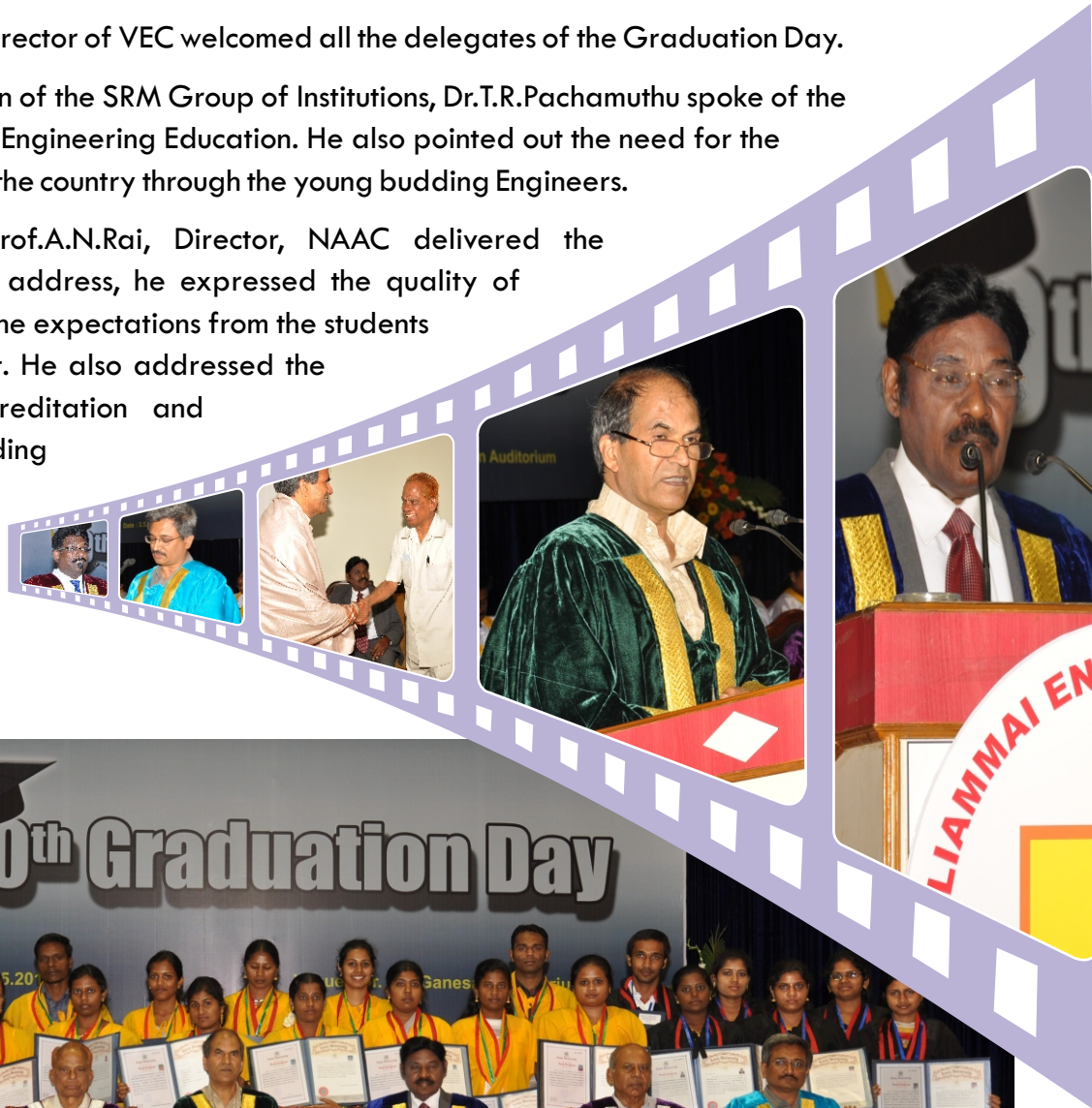
10TH GRADUATION DAY

The 10th Graduation Day was organized on 03.05.14. On that occasion, 488 UG students and 103 PG students and 24 Anna University Rank holders received their Degrees.

Dr.T.P.Ganesan, the Director of VEC welcomed all the delegates of the Graduation Day.

The Founder Chairman of the SRM Group of Institutions, Dr.T.R.Pachamuthu spoke of the importance and need of the Engineering Education. He also pointed out the need for the infrastructure and growth of the country through the young budding Engineers.

The Chief Guest Prof.A.N.Rai, Director, NAAC delivered the Graduation Address. In his address, he expressed the quality of engineering education and the expectations from the students towards future development. He also addressed the importance, value of accreditation and reorganization in the leading Universities across the globe. He honoured the University rank holders and distributed the graduation certificates to all the graduates.



Department of Civil Engineering



From left HOD Civil, Pro VC, SRM University & Director, Valliammai Engg. College, Chief Guest, Vice Principal & Conference Co-Convenor on the occasion of Release of Souvenir in the National Conference ACCE

The Department of Civil Engineering, Valliammai Engineering College organized a One day National Conference on “The Advancements and Challenges In Civil Engineering”(ACCE) sponsored by the Institute of Engineers (IEI) on 11th April, 2014 . The Function was inaugurated by Dr.Arul JayaChandran, Associate Professor-Structural Engg.Dept., Indian Institute of Technology (Madras) and presided over by Dr.T.P.Ganesan, Director, Valliammai Engineering College. Dr.M.Murugan, the Vice Principal felicitated the Function. Around 110 Papers were received, out of which 70 papers were selected for the presentation. The Chief Guest, Dr.Arul Jayachandran briefed about the “Personal Mastery Journey”. The students got an exposure to the Personality Development. Dr.T.P.Ganesan, The Director, addressed the gathering on the role of Civil Engineers and the various advancements taking place in the field of Civil Engineering.

Department of Computer Science and Engineering



Souvenir Release in the National conference on NC3N-2014

A Two day National Conference on the “Computer Communication and Networking “ [NC3N-2014] was organized on 4th and 5th April, 2014. Mr.Perumal Rajaram, Sr.Consultant and Research Team Leader, TCS, Chennai

graced the occasion as the Chief Guest and delivered a speech on the Team Work in Projects. Dr.M.Murugan, the Vice Principal, felicitated the function. Mr.C.Vijayakumar, AP and Mr.B.Muthu Senthil, AP were the Coordinators of the Conference. A Souvenir with the abstract of papers was released on the same occasion.

The Paper “Privacy And Blocking of Unwanted Comments OSN User Walls“by Ms.A.Vidhya (A.P), S.Keerthana, Kalaivani and R.Divya Meenakshi was published in the International Journal of Research in the Engineering and Advanced Technology Volume 2, Issue 2, Apr-May 2014, ISSN:2320-8791.



On the occasion of LINUX Workshop

The Paper “Green Computing Based Optimized Resource Utilization in Cloud Computing Environment” by Mr.M.SenthilKumar, (A.P) and Mr.S.Venkatesh (A.P) was published in the International Journal of Innovative Science, Technology Volume 1, Issue 2, Apr. 2014, ISSN:2348-7968.

Mr.C.Vijayakumar (A.P) presented a paper titled “A New Metric to detect congestion and load balancing in the Wireless Sensor Network” in the National Conference on the Emerging Trends and Technology in Computer Science on 14th April 2014.

Mr.C.Vijayakumar (A.P), Ms.V.Muthamil Selvi (A.P), Ms.K.Devi (A.P), Ms.Anitha(A.P), Ms.N.Poornima (A.P) and Ms.K.Shyamala, the Programmer attended an FTP on the Visual Modeling using UML with IBM Rational Software Architect conducted by the IT Dept. From 5th to 8th May 2014.

A paper on “An Effective Energy and Latency of Full Test Search based on the Twig Pattern Queries over the Wireless XML.” by Ms.A.Lalitha(A.P) was presented in the International Conference on the Global Innovations in Computing Technology ICGICT 14' 2014 held on 6th and 7th of April 2014.

Ms. K.Devi (AP/CSE) has successfully completed the requirements for EMC Academic Associates, Cloud Infrastructure and Services on 21st June 2014.

Department of Electronics and Communication Engineering



On an Industrial to Kodaikanal by ECE Students

Mrs.S.Subbulaksmi- AP(OG) attended the Faculty Development Programme on Signals and Systems held at ASAN Memorial College of Engineering, Chengalpattu, from 23rd to 30th June 2014.

Mr.M.GaneshBabu-AP(OG) attended the Faculty Development Programme on the Electronic Circuit -I held at the College of Engineering Guindy, Chennai from 23rd to 29th June 2014.

Four of our ME II year (CS) students Ms.N.S.Nagammai, Mr. S. Naagaraj, Ms. A. Nandhini and Mr. A.S. Prashanth won the best project award on the "Intelligent Nurse Aiding Humanoid" in the State Level category organized by the International Society for Scientific Research and Development (ISSRD) under the Guidance of MrS.Ramesh, AP (Sl.G)



On the occasion of Expert Lecture on the 'Software Defined Radio'

Coauthored by Dr.M.Murugan, Mr.P.Perumal, II year ME (CS) presented a paper 'Dynamic Channel Selection in Cognitive Radio for OFDM System' in the International Conference on 'Electrical, Communication and Computing' held on 13th & 14th March 2014 organized by Tagore Engg. College, Chennai (Proc. Page 708-711).

Ms.Jenila, ME II year (CS) student presented a paper on the "Implementation of LMMSE ESTIMATION FOR DOPPLER Compensation Acoustic Channel using MIMO

OFDM" in the International Conference on Science and Innovative Engineering held in at the Jawahar Engineering College on 5th & 6th April 2014.

Ms. A.J.Deepika, ME II year (CS) student presented a paper on the "Ultra Wide Band Aspects Based On the Wireless Sensor Networks" in the National Conference held on 5th April 2014.

Mr.C.Paranitharan ME, II year (CS) student presented a paper on the "Bit Interleaving Coder Multiple Beam Forming in OFDM-MIMO" in the National Conference on the Signal Processing Communication and VLSI Design held on 9th and 10th May 2014.

Ms.C.Indhumathi, ME II year (CS) student presented paper on the "Fast Handover In Cellular Networks with Femtocells" in the National Conference on the Emerging Challenges in Information and Communication Engineering Organized by the "The Indian Society for Technical Education" held on 4th April 2014.

Mr. J.Sudharsan ME II year (CS) student presented a paper on "The Design and Simulation of Dense Dielectric Patch Antenna for Wireless Application" in the Third IEEE International Conference on Communication Signal Processing ICCSP held at the Adhiparasakthi Engg. College, Melmaruvathur on 3rd - 5th April 2014 under the guidance of Mr S.Ramesh, AP (Sl.G)

Department of Electronics and Instrumentation Engineering

Mr.G.Shiva, AP(OG) attended a 7 day FDP program on the 'Electronic Circuits-I' in the College of Engineering, Guindy, during 23rd to 29th June 2014.

Ms.D.Arbuta, AP(OG) and Ms.V.Vijayalakshmi, AP(OG) attended a 7 day FDP on the 'Signals and Systems' in MIT, Chrompet, during 23rd to 29th June 2014.

Ms.S.Ezhilarasi, AP(OG)/EIE and Ms.M.Ramzan Begum, AP(OG)/EIE attended a 7 day FDP on the Electronic Drives and Circuits, GKM College of Engineering, Chennai, from 16th to 22nd June 2014.



Workshop on Virtual Instrumentation

The Programmers Mr.S.Girirajan, Mr.S.Karthikeyan and Ms.J.Sudha attended an SDP on 24.06.2014 in the “Electrical Safety and Conservation Electric Energy” in the EEE department.

The Programmers Mr.S.Girirajan, Mr.S.Karthikeyan and Ms.J.Sudha attended an SDP on “Nurturing Productive Work Culture” by the MBA Department on 26.6.14.

The Programmers Mr.S.Girirajan, Mr.S.Karthikeyan and Ms.J.Sudha attended an SDP on 27.06.2014 in “the Virtual Instrumentation” in the EIE department.

Mr.S.Karthikeyan, the programmer attended an SDP on 30.06.2014 in the “Training Programme on i-learning Course” in IT department.

Dr.Andy Srinivasan and S. RajaRajan, presented a paper titled “Regenerative Control of DC Drive System” in IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT'14) held on 8th & 9th May 2014 at Syed Ammal Engineering College, Ramanathapuram.

Dr. S. Visalakshi and R. Manimegalai, presented a paper titled “PSO based social welfare maximization of wind thermal coordinated system in a deregulated Power market” in the International Conference on Power Electronics and Renewable Energy System, (ICPERES'14) held on 24th-26th April 2014 at Rajalakshmi Engg. College, Thandalam.



Principal felicitates the Chief Guest on the occasion of the National Conference on EtEIC '14

Dr. S. Visalakshi and P.Divya presented a paper titled “Design Optimization of PM AC Synchronous Machines Using Differential Evolution and Computationally Efficient-FEA” in the International Conference on Science and Innovative Engineering (ICSIE'14) held on 5th & 6th April at Jawahar Engineering College, Chennai.

S.C Prasanna,A.P (Sl.G) and I. Andrew Xavier Raj presented a paper titled “Performance Analysis And Control of Double Fed Induction Generator during Unbalanced Loading” in the 2nd International Conference on Energy Efficient Technologies for sustainability, held on 7th-9th April 2014 at St.Xavier's Catholic College of Engg. Nagercoil.



Souvenir Release in the National Conference on EtEIC '14

S.C. Prasanna,A.P (Sl.G) and S.R. Narmadha presented a paper titled “Vector Control Design for Induction Motor in Field Weakening Domain” in the 2nd International Conference on Energy Efficient Technologies for sustainability held on 7th-9th April 2014 at St. Xavier's Catholic College of Engineering, Nagercoil.

S.C. Prasanna,A.P (Sl.G) and S.R. Narmadha published a paper titled “Induction Motor Control in Field Weakening Domain using Vector Control Technique” in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol-3, Special Issue-4, May 2014.

K.S. Jaibhavani,A.P (Sl.G) and S. Karthigeyan published a paper titled “Wind Tunnel Instrumentation System” in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol-3, Special Issue-4, May 2014.

V. Mangaiyarkarasi,A.P (Sr.G) M. Sharmila presented a paper titled “Performance Evaluation of PI and IMC Controller For Binary Distillation Column” in the International Conference On Innovative Research Engineering & Technology held on 2nd -3rd May 2014, EGS Pillay Engineering College, Nagapattinam.

M.Shanthi,A.P (Sr.G) and R. Padmayoga published a paper titled “Modeling and Control of Chemical Reactor Using Model Reference Adaptive Control” in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol-3, Special Issue-4 May 2014.

V.P. Shandya,A.P (O.G) and R. Ranojidos published a paper titled “State Estimation of Concentration in CSTR by Extended Kalman Filter” in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg., Vol-3, Special Issue-4 May 2014.

F. Agi Lydia Prizzi, A.P (O.G) and R. Abinaya published a paper titled “Design and Implementation of Movable Photovoltaic Array with MPPT to Increase the Power Output of Solar Cells” in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol-3, Special Issue-4, May 2014.

P.Tamil Mani,A.P (Sl.G) and J. Natarajan,J published a paper titled “Steady State Extended Kalman Filter Application for a Heat Exchanger Model” in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol-3, Special Issue-4, May 2014.

K. Rathna Priya, A.P (O.G) and S. Karthikeyan published a paper titled “Modeling and Controller Design of PEM Fuel Cell System” in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg. Vol-3, Special Issue-4, May 2014.

Department of Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering organized the 4th National Conference on “Emerging Technologies in Electrical and Electronics Engineering (NCEEE'14)” on 19th April 2014. The inaugural session of the Conference began with an invocation followed by the Welcome Address delivered by Dr.K.Elango, HOD/EEE. Dr.N.Kumarappan Chair, IEEE Computational Intelligence Society, Madras Section was the Chief Guest, who delivered the 'Key Note Address' after releasing the proceedings. Dr.M.Murugan, Vice Principal, felicitated the gathering and congratulated the office bearers



Souvenir Release in the National conference on NCEEE '14

of the Conference for making fruitful attempts to organize the Conference. The session ended with a Vote of Thanks proposed by Mr.G.Madhusudan Convener of NCEEE'14. Totally 40 selected papers were presented in the Conference. Dr.K.Vijayakumar, Professor & Head, Department of EEE, SRM University was the Chief Guest for the Valedictory Function. Dr.G.Udhaya Kumar, Co-Convener, NCEEE'14 proposed a Vote of Thanks. The Valedictory Function found a successful conclusion with the National Anthem.

A six day Short Term Training Programme sponsored by the ISTE and SRM University was organized from 12.05.2014 to 17.05.2014 on the “Power System Operation and Control”.

Department of Mechanical Engineering



On the occasion of the release of CD on the National Conference on 'The Emerging Trends in Mechanical Engineering'

A One Day National Conference on 'The Emerging Trends in the Mechanical Engineering' was conducted on 09/04/14. A total of 47 technical papers were received and 27 were selected for the publication in the proceedings. Shri.Jagadish Hegde, Asst. Vice President, ISUZU Motors India Pvt. Ltd., Chennai delivered the Inaugural Address. Dr.M.Murugan, the Vice Principal felicitated the Function.

Department of Information Technology

An FTP on “Visual Modeling Using UML with IBM Rational Software Architect” as IBM Rational Seed Programme” was organized with lab sessions from 5th to 8th May 2014. About 20 staff from the department of IT, CSE, MCA & Service Section attended the programme. Mr.Yogananda Prasad.K, a Software Engineer from the Crane International Software Ltd., Bangalore was the Resource Person.

A One day “Training Programme on iLearning Course” was organized by Mr.Kavin Kumar, AP (OG)/IT on 30th June 2014 and conducted by Mr. K.Ravindran, Assistant Professor (Sr.G)/IT & Oracle Academy Instructor.



On the one day Training Programme on “iLearning Course”



On the occasion of the FDP on the "Visual Modelling Using UML with IBM Rational Software Architect (RSA)"

During the event the Oracle Academy Certificates were given to 59 Students (45 from IT Department - Final Years and 14 from the MCA Department Final Years) who successfully completed the 'iLearning Course on Java Fundamentals and Java Programming' which was carried online by Mr.K.Ravindran, A.P(Sr.G)/IT, Oracle Academy Instructor. EMC Academic Associate Cloud Infrastructure and Services Certificates were given to 11 Staff Members of VEC who had already completed the International Certification Examinations on 08.02.2014 at VEC by Mr.A.Viswanathan from the ICT Academy of Tamilnadu (ICTACT) viz.

Dr.B. Vanathi of CSE, Mr.S.Parthasarathy of MCA and Ms.B.R.Shunmugapriya, Ms.R.Thenmozhi, Mr.K.Ravindran, Mr.K.Elaiyaraja, Ms.K.Mohanambal, Ms.J.Ponni, Mr.M.Kavin Kumar, Ms.S.Sandhya, Mr.R.Senthil of IT.

Department of Management Studies

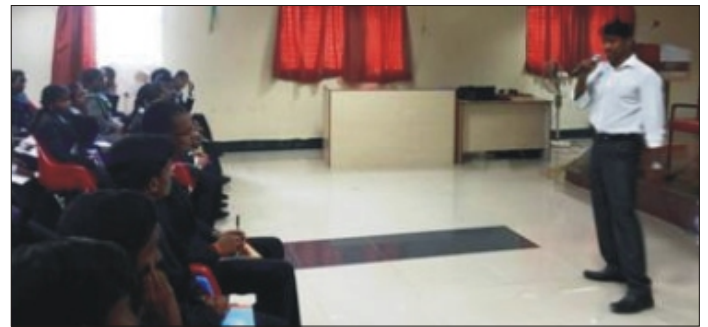
An Industrial visit to Neyveli Lignite Corporation Limited was organized for the I year MBA students on 11.04.14.

A Guest lecture on the Information Security Systems was conducted for the I year students by Mr.Arjun Krishna.C, Trainer Information Security, Kyrion Digital Securities Ltd.



I year MBA students on an Industrial visit to Neyveli Lignite Corporation Limited

A Guest Lecture on "The Online Trading" by Mr.U.Abdul Khader, Senior Manager Business Development, Emkay Global Financial Services Ltd, Chennai on 26th June 2014.



A Guest lecture on Information Security Systems for I yr MBA students

Department of Computer Applications

Dr. A. Abdul Rasheed, Professor and Head, Mr.V.Santhana Marichamy, AP (Sen. Gr.) and Mr.S.Parthasarathy, AP (Sen. Gr.) attended a one day FDP on the Research Issues on the 'BIG DATA' organized by the Department of Placement and Career Guidance on 03.06.14.

Mr.V.Santhana Marichamy, Mr.R.Prince Jayaseelan James & Ms.D.Sridevi attended the FTP on 'Visual Modelling using UML with IBM Rational Software Architect (RSA) by IT Department during 5th to 8th May 2014.

Ms.J.Nadhiya and Ms. Shalini, the Programmers, attended a workshop on "MS EXCEL and VISUAL BASIC" organized by the Department of CSE of VEC.

Forthcoming TECHNICAL SYMPOSIA @ VEC

For more details log on to
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30.08.2014	EIE	ORKESTRIM 2K14
06.09.2014	CSE	CYBORGS 2K14
13.09.2014	IT & MCA	XploITs 2k14
20.09.2014	ECE	TARAS 2K14
11.10.2014	EEE	EMERGE
18.10.2014	CIVIL	CONSTROU 2K14
31.01.2015	MECH	MEQENZO 2K14

Department of English

Ms.J.Nadhiya, the Programmer and Mr.G.Gopinathan, the Lab Assistant attended an SDP on 24.06.2014 in the “Electrical safety and Conservation Electric Energy” in the EEE department.

Ms.J.Nadhiya, the Programmer and Mr.G.Gopinathan, the Lab Assistant attended an SDP on 26.06.2014 on the “Nurturing Productive Work Culture” in the MBA department.

Ms.J.Nadhiya, the Programmer and Mr.G.Gopinathan, the Lab Assistant attended an SDP on 27.06.2014 in “The Virtual Instrumentation” in the EIE department.

Mr.G.Gopinathan, the Lab Assistant attended an SDP on 30.06.2014 in the “Training Programme on i-learning Course” in the IT department.

Department of Mathematics

The paper “Pendant Edge Extension of Cycle with Parallel Chords is Cordial” by Dr.A.Elumalai (HoD/Mathematics) was published in the International Journal of Information Science and Computer Mathematics, Vol.7, No.1-12, Jan.2014, PP 29-34.

The paper “A New Multiparty Key Agreement Protocol using Triple Decomposition Search Problem in Discrete Heisenberg Group” by Ms.T.Isaiyarasi was published in the International Journal of Computer Engineering and Technology, Dec. 2013, Vol.No. 4, issue 6.

Mrs.A.Karpagam (A.P) presented a paper “A New Method for Solving Fully Fuzzy Linear Programming Problems with Symmetric Triangular Fuzzy Numbers” in the National Conference on Pure and Applied Mathematics 2014, at the VIT University, April 25-26, 2014.

Mrs.V.Nagarani (A.P) and Mrs.A.Karpagam(A.P) attended the Bridge Course in Mathematics organized by the “Centre for Faculty Development” Anna University, during 23rd to 24th June 2014.

Department of Physics

Dr.K.Thiruppathi, S.Barathan - G.Sivakumar and D.Govindarajan published a paper entitled ‘FTIR and XRD Characterisation of CSAC Fly Ash Blended System’, in the International Journal of Engineering Research & Technology. Vol. 3 Issue 5, 281-293, 2014.

Dr.K.Thiruppathi, S.Barathan - G.Sivakumar published ‘An Experimental Study on the SRPC and CSA Cement Systems Based on Flyash and Anhydrite’, in the International Journal of Engineering Research & Technology. Vol. 3 Issue 4, 1328-1339, 2014.

Dr.S.Karthikeyan attended the Bridge Course in Physics, Conducted by the Anna University, Chennai-25 during June 23-24, 2014.

Department of Chemistry

Dr.L.Devaraj Stephen and Mr. V. Arivalagan attended the Faculty Development Programme on “Better Engineering through Better Chemistry Protocols” during June 9-13, 2014 at the National Institute of Technology, Calicut, Kerala.

Dr.L.Devaraj Stephen and Mr.N.Jayaprakash presented their research findings entitled “Photoinduced activation of $\text{CoIII}(\text{tn})_2\text{Cl}(\text{L})_2^+$ on Aqueous TiO_2 suspensions under Visible-Light Illumination in mixed solvents” and “Microwave-assisted biosynthesis of highly stabilized silver nanoparticles using Tamarindus indica fruit extract” respectively in “The International Conference on the Advances in New Materials (ICAN-2014)” held at the University of Madras, Chennai during 20th & 21st June, 2014.

Courses Organised for the Non-Teaching Staff

A one day Staff Development Programme for Non-Teaching staff members was conducted on 24th June 2014 on “The Electrical Safety”. The morning session was handled by Dr.K.Elango Professor and Head, EEE Department, VEC and the afternoon session on “Conservation of Electrical energy” by Mr.G.Madhusudanan, Assistant Professor (Sel.Grade), EEE Department, VEC.

A One day “Training Programme on iLearning Course” was organized by the Department of Information Technology on 30th JUNE 2014 for the programmers of different departments.

The Department of Electronics and Instrumentation Engineering organized a one day Workshop on Virtual Instrumentation for the Programmers and Lab Assistants on 27th June 2014.

Mr.R.Sankaranarayanan Programmer/CSE and Mr. M.Nagarajan Programmer/CSE conducted a Two Day Staff Development Program for Supporting Staff on “MS Excel and Visual Basic” on 18th & 19th Jun 2014.

Department of Placement and Career Guidance

A Faculty Development Programme on the “BIG DATA” by TCS was organized by the Department of



A Faculty Development Programme on "BIG DATA" by TCS

Placement & Career Guidance on 03.06.2014 by Mr.Karupiah Nagarajan, Senior Consultant, TCS.

Mr.S.R.Balaji, presented a paper titled "Inevitable Soft Skills for Successful Education and Career" in the second National Conference on the Indian Business Management organised by Sri Ramakrishna Institute of Technology, Coimbatore on 23rd May 2014.

Mr.T.Dhanapalan, Programmer, published a paper titled "The Strong Penetration of Stress and Recovery Mechanism of Meditation" in the International Journal Of Innovative Sciences, Engineering and Technology Vol.1 No.2, April 2014 ISSN 2348-7968.



Faculties from various departments on the Faculty Development Programme on "BIG DATA"

Ms.Preethi. S.R, published a paper titled "Efficient Removal of Impulse Noise from Video using Adaptive Threshold Algorithm" in the Journal of Theoretical and Applied Information Technology, Vol. 64 No.1, June 2014. ISSN 1992-8645.

Department of Library

The Online Journals IEEE, ASME, Mc-Grawhill, Ebsco, Elsevier (Science Directory), J-gate (Engineering Technology) and J-gate (Management and Social Science) have been subscribed. 9160 Full Text Online Journals can be downloaded from various publishers. Indexed and

Abstracting service is provided for 9354 Online Journals. EBSCO Publishers provide Case Study service for 6086 Online Journals.

National Service Scheme

The NSS Programme Officer of VEC has been nominated as a Member of the 'University Level NSS Advisory Committee' maiden member from the Self Financing Engineering Colleges in Tamil Nadu.

NSS volunteers participated in the 'Election Safeguard Duty' for the Parliament General Election to assist the Police Department on 24.04.2014.

Books Published



Dr. L. Devaraj Stephen authored two books namely "Engineering Chemistry & Engineering Chemistry Lab Manual" by VRB publishers, Chennai with ISBN numbers.

Prof.N.Lakshmana Perumal authored a book "Technical English I" for the I Semester of I Year students

Mr.P.Tamilmani, AP (Selection Grade)/EIE has authored a Textbook on "Power Plant Instrumentation" and the same has been prescribed as one of the Anna University textbooks.

'Effective Management Practices', a book edited by Dr.J.Padmini, Prof. & Head, Dr.Radha Ganeshkumar and Dr.K.Senthamilselvan with ISBN: 978-81-926837 was published by the department.

EDITORIAL

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