



Valliammai Engineering College

SRM Nagar, Kattankulathur - 603 203.

Email : srmvec@valliammai.co.in

Website : www.valliammai.co.in

VEC NEWS

[Quarterly]

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June 2015

Triple Championships and Double Hat Tricks of AU Zone-IV Tournaments & Winner of Ball Badminton (Men) Tournaments in the TIES 2015



Handball (Men) Winners with Hon'ble Chairman, SRM Group

Hon'ble Chairman, SRM Group of Institutions, Shri.Ravi Pachamoothoo congratulated Dr.B.Chidambararajan, Principal, Dr.M.Murugan, Vice-Principal and the Coach & DPE Dr.C.Gangadharan and the winners of VEC, on securing the First Places in the Anna University Zone-IV Basketball (Men), Handball (Men) and Ball Badminton (Men) Tournaments, held during 2014-15. The Hand ball and the Ball badminton teams won the titles consecutively for four years including the present one. Subsequently, the Ball badminton team won the maiden TIES-2015 (Tamilnadu Inter Engineering Sports-2015).



Basketball (Men) Winners with Hon'ble Chairman, SRM Group



Ball badminton (Men) Winners with Hon'ble Chairman, SRM Group

The Department of Civil Engineering



The 2nd One day National Conference on 'The Advancements and Challenges in Civil Engineering'(ACCE'15)

The 2nd One day National Conference on 'The Advancements and Challenges in Civil Engineering' (ACCE'15) sponsored by the Institute of Engineers (IEI) was organized on 23rd April, 2015. The function was inaugurated by Dr.C.Umarani, Professor, Structural Engineering Department, Centre for Academic Courses, Anna University and presided over by Dr.T.P.Ganesan, Director. Dr.M.Murugan, the Vice-Principal felicitated the function.

Ms.G.Gokila Rani, Assistant Professor presented a paper on 'Developing an Information System and Analysis using GIS' in the International Conference on Technological Convergence for Information, Food, Health & Energy Security on 1st & 2nd May 2015 held at CSIR-CLRI, Chennai.

Ms.T.Swedha, AP (O.G) published a paper on 'An Experimental Study on Concrete filled Tubular Columns using Varying Steel Materials' in the International Journal of Innovative Science, Engineering and Technology, Vol.2, No.5, pp.737-742, May 2015.

Mr.S.S.Manu, AP (O.G) published a Journal on 'The Experimental Investigation on the Effect of Clay in Sand for Flexural Behavior of R.C.C Beams' in the International Journal on Science and Technology, Vol.3, No.3, pp.118-124, March 2015.

Mr.P.Elangovan, AP (O.G) published papers on;

'The Aerodynamic Studies on 1:3:7 Rectangular Building Model using Boundary Layer Wind Tunnel' in the International Journal of Applied Engineering Research. Vol.10. No.47, pp.316-320, May 2015).

'The Study on Behavior of Hybrid Fibre Reinforced HPC in Beam Column Joint' in the International Journal of Applied Engineering Research. Vol.10, No.47, pp.348-352, May 2015.

Mr.S.Suresh Babu, AP (O.G) published papers on;

'The Experimental Study on Flexural Behavior of Cold Formed Steel' in the International Journal of Science and Technology. Vol.3, No.5, pp.48-51, May 2015.

Ms.K.Suganya Devi, AP (O.G) published a paper on 'Flexural Behaviour of Self Compacting Self Curing Concrete Beam' in the International Journal on Engineering Technology & Sciences. Vol.2, Issue 4, pp.37-40, April 2015).

Mr.V.Jaganathan, AP (O.G) published a paper on 'The Flexural behavior of Hybrid Fibre Reinforced Self-compacting Concrete Incorporating Rice Husk Ash' in the Journal of Mechanical and Civil Engineering. Vol.1, No.1, pp.75-82, May 2015.

Ms.A.Kavitha, AP (Sr.G) published papers on;

'The Flexural Strengthening of Reinforced Concrete Beams using Various Configurations of Steel Plates' in the International Journal of Scientific Research and Development. Vol.3, No.2, pp.685-688, March 2015.

'The Shear Strengthening of Reinforced Concrete Beams using Various Configurations of Steel Plates' in the International Journal of Scientific Research and Development. Vol.3, No.3, pp.282-285, April 2015.

'The Study on the Behavior of Hybrid Ferrocement Slabs' in the International Journal of Science and Technology. Vo.3, No.3, pp.267-274, March 2015.

'The Experimental Investigation on Self-compacted Hybrid Fibres Reinforced Ferrocement Slabs Externally Strengthened by GFRP' in the Journal of Mechanical and Civil Engineering. Vol.1, No.1, pp.37-44, May 2015.

Mr.N.Arunprakash, AP (O.G) published a paper on 'The Study on the Behavior of Prefabricated Cage Steel Reinforced Beam Column Joint' in the International Journal of Science and Technology. Vol.3, No.5, pp.56-65, May 2015.

Ms.K.A.Kalaiarasi, AP (O.G) has published a paper on 'The Experimental Investigation on Shear Resistance of Reinforced Concrete Beam without Stirrups' in the Journal of Mechanical and Civil Engineering. Vol.1, No.1, pp.45-53, May 2015.

V.Archana of Final year, B.E (Civil) participated and presented a paper on 'Developing an Information System and Analysis using GIS' in the International Conference on the Technological Convergence for Information, Food, Health & Energy Security on 1st & 2nd May 2015 held at CSIR-CLRI, Chennai.

V.Archana of Final year got selected in IIT-Madras 'Offshore Structures for her higher studies in 2015-16.

The Department of Electrical and Electronics Engineering



The 5th National Conference on the 'Emerging Technologies in Electrical Engineering (NCEEE'15)

In association with the Renewable Energy Club and IEEE Valliammai Student Branch, 5th National Conference on the 'Emerging Technologies in Electrical Engineering (NCEEE'15)' was conducted on 11th April 2015. The conference was inaugurated by the Chief Guest Dr.R.S.Rajesh, HOD, Dept. of CSE, Manonmaniyam Sundaranar University and presided over by Dr.B.Chidhambara Rajan, Principal, VEC and felicitated by Dr.K.Elango, HOD, EEE.



Release of Conference Proceedings in the 5th National Conference on the 'Emerging Technologies in Electrical Engineering (NCEEE'15)

A one day Staff Development Program was conducted on the 'Electrical Load Forecasting' on 8th May 2015 for the Non Teaching Staff of Valliammai Engineering College. Mr.S.Rajan Babu, AP (Sr.G) and Mr.S.Padmanabhaiyappan, AP(OG) handled the session.

Dr.K.Elango and G.Shobana, PG scholar published a paper on the 'Impact and Simulation of Multi-Level Inverter Based Dynamic Voltage Restorer for Improving Power Quality' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20819-20823.

Dr.K.Elango and S.Surendar, PG scholar published a paper on the 'Photo Voltaic Structured with Multilevel Inverter Based Shaf for Eliminating Harmonics to Improve Power Quality' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20871-20876.

Dr.K.Elango and G.Geetha, PG scholar published a paper on the 'Windfarms Connected High Voltage Transmission Line with Protective Relaying Scheme Using Fuzzy' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20958-20963.

Dr.K.Elango and V.Bala, PG scholar published a paper on the 'Enhancement in Power Quality Using Solar Based D Statcom with $I \cos\phi$ Algorithm' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20964-20970.

Dr.R.Arivalahan and Suganya B S, PG scholar published a paper on the 'Optimal Capacity Sizing of Stand-alone Hybrid System' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20850-20855.

Mr.G.Madusudanan and V.Karthikeyan, PG scholar published a paper on the 'Performance Analysis of DFIG Based Wind Energy Conversion System Using Vector and Direct Power Control Technique' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20861-20866.

Mr.S.Rajanbabu and R.Kavitha, PG scholar published a paper on the 'Control Topology for DC Link Voltage Regulation in PV Connected System' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20758-20763.

Mr.V.Sudhagar and P.R.Manojprabu, PG scholar published a paper on the 'Enhanced Control of DFIG Based Wind Turbine Under Unbalanced and Distorted Network Condition by Using PI-R Controller and FLL Based Synchronization Techniques' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20775-20785.

Mr.S.Padmanabha Iyappan and SP.Arunkumar, PG scholar published a paper on the 'Harmonic Reduction in the Distribution System Using PV Array' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20801-20807.

Mr.S.Rajanbabu and C.M.Saranya, PG scholar published a paper on the 'ILST Algorithm Based Power Quality Improvement In Grid For Hybrid Energy System'

in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp20811-20818.

Mr.T.Santhosh Kumar and E.Priya, PG scholar published a paper on the 'Modified Droop Controller to Enhance Power Sharing of Front End Inverters in DG Microgrids' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp. 20844-20849.

Mr.S.Padmanabha Iyappan and N.Muthukumar, PG scholar published a paper on the 'Real and Reactive Power Control in a Microgrid with Bidirectional Converter in PV System' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20891-20895.

Mr.T.Santhosh Kumar and G.Jagadeswari, PG scholar published a paper on the 'Small Signal Model of Droop Controlled Converter Based MV Micro Grids for Dynamic Loads' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20921-20926

Mr.G.Madhusudanan and D.Vidhyasagar, PG scholar published a paper on the 'Stability Enhancement of a PV Grid in Smart Grid Applications' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20933-20940.

Dr.R.Arivalahan and R.Girija, PG scholar published a paper on the 'Superior Control of Converter by Interfacing AC and DC Microgrids' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20947-20952.

Ms.A.Anuradha and G. Rajeswari, PG Scholar published a paper on the 'Sub-synchronous resonance Damping and Stability Enhancement in Wind Farm by Comparing FSC and GCSC' in the International Journal of Applied Engineering Research, Volume 10, Special Issues, pp.20941-20946.

The Department of Electronics and Communication Engineering

A two day Training Programme on 'Mentor Graphics IC Nanometer Design Tool' was conducted on 6th and 8th May 2015. Mr.V.Baranidharan, Application Manager, Trident TechLabs Pvt. Ltd. delivered a lecture on the VLSI design flow, Front and Backend design tools. A demonstration on the VLSI design flow was presented.

10 Teaching & Non-Teaching Staff members from the other departments of our institution attended the Training Programme and obtained an exposure to the Mentor Graphics IC Nanometer Design Tool.

A Skill Development Programme on the 'Maintenance & Troubleshooting of Household Appliances' was conducted on 13th May 2015. Mr.K.Srinivasan, AC Technician, Maintenance Department delivered a lecture on the Maintenance of household appliances like Air Conditioner, Washing Machine, Refrigerator, etc. He also explained the various methods to keep the household appliances free from troubles. He also mentioned the ways to reduce the electricity consumption by properly utilizing the appliances.

10 Non-Teaching Staff from the other departments of our institution attended the Skill Development Programme and got an exposure to the Maintenance & Troubleshooting of the Household Appliances.

Dr.M.Murugan coauthored the paper titled, 'A Review on Indoor Human Aware Autonomous Mobile Robot Navigation Through a Dynamic Environment', presented at the International Conference on Industrial Instrumentation and Control (ICIC 2015), held at Pune, during 28th -30th May 2015. Proc. Pages 1339-1344. (Available in IEEE Xplore).

Dr.M.Murugan coauthored the paper titled, "Wireless Embedded Architecture for Under Water Robot", published in IJAER, Vol.10, No. 9, pp.7086-7089, 2015.

Dr.M.Murugan coauthored the paper titled, "Hybrid Architecture of Intelligent Wireless Distributed Control System (IWDCS)", IJAER, Vol.10, No.9, pp.7090-7094, 2015.

Dr.M.Murugan coauthored the paper titled, "ICI Cancellation using Raised Cosine Windowing in OFDM System", presented in the Annual IEEE India Conference (INDICON), held at Pune during December 11-13, 2014, Proc. pages.1-4 (Available in IEEE Xplore).

Dr.M.Murugan and his co-researchers **Filled an Indian Patent** on "Method and System for Transmit Antenna Selection with Optimum Combining in Cognitive Radio Network under the Impact of Aggregate Interference" on 26th June 2015 [Application No.2036/MUM/2015 A] and published in page 37170 of 'The Patent Office Journal 5/6/2015'.

Ms.R.Porselvi (Research Scholar/ECE) and Dr.M.Murugan authored the paper titled "Comparison of Different Channel Estimation Techniques for Orthogonal Frequency Division Multiplexing (OFDM) Systems", published in the IJAER, Vol.10, No. 42, pp.30734-30739, 2015.

In the DRDO sponsored 2nd IEEE International Conference on 'Innovations in Information, Embedded and Communication System' (ICIIECS'15) held at Karpagam College of Engineering, Coimbatore, on 19th & 20th March 2015, the Staff and students noted below presented papers.

2nd National Conference on Microwave and Millimeterwave Communication (NCMMC 2015)

The 2nd National Conference on Microwave and Millimeterwave Communication [NCMMC-2015] was conducted on 25th April 2015 at 9.00 am by the Dept. of Electronics and Communication Engineering of Valliammai Engineering College. Dr.M.Murugan, Vice-principal and Convener of NCMMC-2015 delivered the welcome address. The Chief Guest Mr. N.Balasubramanian, Senior Director, Cognizant Technology Solutions (CTS), Chennai inaugurated the Conference and explained the recent technical developments in Microwave and Millimeterwave Communication.



Release of NCMMC-2015 Proceedings by dignitaries

Dr.M.Murugan felicitated the Chief Guest and addressed the gathering With an insight to the trend in the research in microwave and millimeterwave communication. The Conference Proceeding was released by the dignitaries, a collection of the selected papers received from various states like Maharashtra, Madhya Pradesh, Karnataka, Tamil Nadu, Pondicherry, Andhra Pradesh. The chairpersons were Dr.T.Kavitha, Associate Professor, Dr.S.Ramesh, Associate Professor of VEC. Over 50 participants from various research organizations, research scholars, Faculties and students attended the Conference. At the end of the function, Prof.Komala James, Head of the Dept. proposed a vote of thanks.

Mr.C. Saravanakumar and T.R.Jaya Chandra Lekha PG scholar presented a paper on the 'NIR Spectroscopic Algorithm Development for Glucose Detection', Vol.5, pp. 42-45.

Ms. N.Subhashini and C.Suganya PG scholar presented a paper on the 'Hybrid Compressive Sensing Methods of Transmission in a Clustered Wireless Sensor Networks', Vol.3, pp.134 -137.

Mr.S.Senthilmurugan and M.Shobana PG scholar presented a paper on the 'Reconfigurable Data Processing using Duplex Fault Tolerance System', Vol.1, pp. 31-35.

Mr.S.Marirajan and J.Sujatha PG scholar presented a paper on the 'Impulse Noise Estimation of OFDM System in Frequency Selective Fading Channel', Vol.1, pp.106-112.

Dr.S.Ramesh and Indu Nikhil PG scholar presented a paper on the 'ICI mitigation for pilot aided OFDM

systems over High mobility fading channels' in International Conference on Electronics and Communication Systems (ICECS2015) held at Karpagam College of Engineering, Coimbatore, pp. 508-511.

Mr.T.Nadanaravishankar and A.Bharathivanan PG scholar presented a paper on the 'An Efficient VLSI Architecture for Extracting Local Binary Pattern'. In the International Conference on 'Innovations in Communications and Computer Engineering' (ICICCE'15) held at Coimbatore Institute of Technology, Coimbatore on 15th February 2015, pp. 65.

Mrs.C.Sumitha and B.Poornima PG scholar presented a paper on the 'Analysis of Reconfigurable VPN Main across Geographical Region'. In the International Conference on 'Recent Innovations in Engineering and Technology' (ICRIET'15) held at Mahabarathi Engineering College, Villupuram Dt. on 13th and 14th February 2015, pp. 125 -129.

Dr.T.Kavitha and S.Vel Shoumiya PG scholar presented a paper on the 'Analysis of Radio Sub-System in GNM Network'. In the 2nd International Conference on 'Computational Intelligence' held at Sethu Institute of Technology, Pulloor, Virudhunagar Dt. on 9th and 10th April 2015, pp.172-176.

Dr.S.Ramesh, Associate Professor, Ms.N.Subhashini, AP (S.G), Mrs.C.Amali, AP (S.G) attended the UKIERI sponsored two day Workshop on the 'Next Generation RF & Wireless Technologies for Rural India' held on 4th and 5th June 2015 at IIITDM, Chennai.

Mrs.T.S.Sheriba, Assistant Professor (O.G) attended the five day FDP on 'Design, Simulation and Testing of Microstrip Antennas' from 11th May to 15th May 2015 at B.S.Abdur Rahman University, Chennai.

Dr. S.Ramesh, Associate Professor, ECE is recognized as the Supervisor for guiding Ph.D. And M.S. (By Research) scholars in the area of 'Antennas, RF and Microwave, Wireless Communication, Wireless Networks' under the Faculty of Information and Communication Engineering by the Centre for Research, Anna University Chennai.

Mrs.Komala James and H.Aarthi PG scholar published a paper on 'A Novel Protocol Design in Hybrid Networks of Visible Light Communication and OFDMA Systems', in the International journal of Electrical Computing Engineering and Communication (IJECC), Vol.1 No.1, pp. 16-21.

Mrs.R.Meenakshi and Gifty Maria Vincent PG scholar published a paper on the 'Joint Sparse Channel Estimation and Data Detection in MIMO-OFDM Systems using Bayesian Strategy' in International Journal of Applied Engineering Research(IJAER), Vol. 10, No:9, pp:8510 8514.

Dr.S.Ramesh and Indu Nikhil PG scholar published a paper on the 'Joint out of band radiation suppression and PAPR reduction for NC-OFDM based Cognitive Radio Systems system' in International Journal of Applied Engineering Research, Vol. 10, No.66, pp. 6-13.

Mrs.C.Amali and G.Kaviya PG scholar published a paper on the 'Channel Estimation for TFFT-OFDM Systems under Long Delay Channels' in International Journal of Applied Engineering Research (IJAER), Vol.10, No.9, pp.8439 8444.

Mr.D.Murugesan and N.Angalaeswari PG scholar published a paper on the 'Analysis and Future Extraction of Hyperspectral Images using Image Fusion and Recursive Filtering' in International Journal of Applied Engineering Research (IJAER), Vol.10, No.9, pp. 8458-8463.

Mr.T.Nadanaravishankar and A.Bharathivanan PG scholar published a paper on the 'An Efficient VLSI Architecture for Extracting Local Binary Pattern' in the International Journal for Trends in Engineering and Technology, Vol.4, No.1, pp.55-59.

Mrs.C.Sumitha and Dr. S.Selvakumar research scholar published a paper on the 'A Survey of Energy Efficient Routing Protocols for Self Configurable Wireless Sensor Networks' in International Journal for Research in Applied Science & Engineering Technology (IJRASET), May 2015, Vol.3, Issue. V, pp. 989-993.

The Department of Computer Science and Engineering

Dr.A.Samydurai, Associate Professor, Mr.C.Vijayakumaran, AP, Mr. G. Kumaresan, AP and Mr. B. Muthusenthil, AP published a paper on the 'Big Data Analytics for Concurrent Data Processing'in the International Journal of Computer Applications, Vol. 120 - No. 3,ISSN: 0975-8887.

Dr.A.Samydurai, Associate Professor, Mr.C.Vijayakumaran, AP, and Mr. B. Muthusenthil, AP published a paper on the 'IMAP- Intelligent Management of Attendance Processing Using VJ Algorithm For Face Detection'in the International Journal of Innovative Research in Technology, Vol. 2, Issue 1, ISSN: 2349-6002.

Ms.K.SujaRajeshwari, PG Student and Mr.B.Muthusenthil, AP published a paper on the 'CBMT: Cluster Based Integrated Maximum Maturity Model For Mobile Ad-hoc Network'in the International Journal of Applied Engineering Research, Vol. 10, No. 44, ISSN: 0973-4562.

Mr.B.Muthusenthil, AP published a paper on the 'Performance Evaluation of GPSR With ALERT in Mobile Ad-hoc Networks'in the International Journal of

Applied Engineering Research, Vol. 10, No. 17, ISSN: 0973-4562.

Ms.P.NirmalaDeve, PG Student and Dr.V.Dhanakoti, Associate Professor published a paper on the 'Routing Based Algorithm For WSN and MANETs' in the International Journal of Applied Engineering Research, Vol. 10, No. 17, ISSN: 0973-4562.

Ms.R.Nagapriyadarsini, PG Student, Dr.V.Dhanakoti, Associate Professor, and Ms.S.Suma, AP published a paper on the 'IDS In Wireless Sensor Networks'in the International Journal of Applied Engineering Research, Vol. 10, No. 17, ISSN: 0973-4562.



Release of Proceedings of the National Conference on Computer Communication and Networking[NC3N-2015]

A One Day National Conference on Computer Communication and Networking [NC3N-2015] was organized on 25th April, 2015 . Mr.M.K.B.S.Manian General Manager, Internal Audit and Strategy, Coromendal InfoTech India Ltd. delivered the Special Address on motivation. The Principal, VEC, Dr.B.Chidambara Rajan delivered the Presidential Address. The Welcome Address was given by Dr.B.Vanathi, Prof. & HOD, CSE and Vote of Thanks by Ms.N.Poornima, Coordinator of NC3N'15. About 30 papers were presented in the conference.

Mr.S.U.Abinandhanan, and R.Jayaganthan, UG Students andDr. V. Dhanakoti, Associate Professor, published a paper on the 'File Security Using Neural Networks Induced Facial Recognition'in the International Journal of Applied Engineering Research, Vol. 10, No. 6, ISSN: 0973-4562.

Ms.R.Nagapriyadarsini, PG Student, Dr.V.Dhanakoti, Associate Professor, and Ms. S. Suma, AP published a paper on the 'Peer To Peer File Transfer Using Best Routing Path'in the International Journal of Scientific and Engineering Research, Vol. 6, Issue 4, ISSN: 2229-5518.

Dr.V.Dhanakoti, Associate Professorpublished a paper on the 'Forecasting Network Flow in IDS'in the Australian Journal of Basic and Applied Sciences, Vol. 9, No. 6, ISSN: 1991-8178.

Dr.V.Dhanakoti, Associate Professor published a paper on the 'Cooperative Architecture for Signature



Based Alarm System'in the WSEAS Transactions on Computers, Vol. 14, E-ISSN: 2224-2872.

Mr.M.C.Nagarajan, programmer published a paper on the 'A Survey on Impact of Nine Point Deep Meditation' in the International Journal of Scientific Research and Development Vol.3, Issue.4, ISSN:2321-0613, 2015.

Ms. K. Devi, AP and Mr. P. Sivakumar, PG Student published a paper on the 'A Review On Raid Levels Implementation and Comparisons' in the Australian Journal of Basic and Applied Sciences, Vol. 9, No. 21, ISSN: 1991-8178.

Mr. V. Vijayakumaran, AP and Ms.M. Joharan Beevi, PG Students published a paper on the 'a Survey on Cloud Sustained Big Data Computing' in the International Journal of Technology and Engineering System, Vol. 7, No. 4, ISSN: 0976-1345.

Mr.V.Vijayakumaran, AP and Mr.T.Lakshmana Kumar, UG Students published a paper on the 'A Probabilistic Misbehaviour Detection Scheme on Trust Establishment in Manets' in the International Journal of Technology and Engineering System, Vol. 7, No. 1, ISSN: 0976-1345.

Mr.V.Vijayakumaran, AP published a paper on the 'Trust Based Coded Multicast Routing with Secure Authentication in Manet' in the International Journal of Applied Engineering Research, Vol. 9, No. 24, ISSN: 27277-27290.

Mr. M.Senthil Kumar, AP (Sr.G), Ms. S. Abbinaya (PG Student) published a paper on the 'Back Propagation Algorithm Technoque in Software Effort Estimation A Performance Measure' in the Australian Journal of Basic and Applied Sciences, Vol 9, Issue 7, ISSN: 1991-8178, Apr 2015.

Mr. C. Vijayakumaran, AP (Sel.G), published a paper on the 'A Behavioural Analysis Approach to Detect Selfish Node in MANET' in the Australian Journal of Basic and Applied Sciences, Vol 9, Issue 21, ISSN: 1991-8178, Apr 2015.

Ms. S. K. Rani, (PG Student), Ms. D. Kavitha, AP (OG), published a paper on 'Comparative study of Major Phishing', in the International Journal of Technical Research and Application, Vol.3 Issue 2, ISSN 2320:8163, April 2015.

Ms. D. Kavitha, AP (OG), published a paper on 'A survey on Different Software Security Attacks and Risk Analysis Based on Security Threats', in the International Journal of Innovative Research in Computer and Communication Engineering, Vol.3 Issue 4, ISSN 2320-9801, April 2015.

Ms. D. Kavitha, AP (OG), published a paper on 'A Click Jacking Vulnerability Analysis and Providing Security Against Web Attacks Using White Listing URL

Analyzer', in the International Journal of Computer Techniques, Vol.2 Issue 3, ISSN 2394-2231, May 2015.

Ms. C. Pabitha, AP (OG), published a paper on 'Personalized Retrieval in E- Health Using Cloud', in the International Journal for Research in Applied Science and Engineering Technology, Vol 3, Issue 6, ISSN: 2321-9653, June 2015.

Ms.D.Kavitha, AP(OG), published a paper on 'Enhanced Vulnerability Analyses For Click Jacking Web Attack and Providing Security Using White listing URL, in the International Journal of Engineering and Computer Science, Vol.4 Issue 6, ISSN 2319-7242, June 2015.

Ms. C. Pabitha, AP (OG), published a paper on 'PIR in E-Health using Secured Cloud Database', in the International Journal of Scientific and Engineering Research (IJSER), Vol.6 Issue 4, ISSN 2229-5518, Apr. 2015.

Ms. C. Pabitha, AP (OG) and Ms. K. Devi, AP (Sr.G), published a paper on 'Private Information Retrieval in hybrid Cloud', in the International journal of Computing (IJC), Vol.5 Issue 2, ISSN 2231:2153, April 2015.

Ms. K. Devi, AP (Sr.G) and Mr. P. Sivakumar (PG student), published a paper on 'Various Attribute Based Encryption Algorithms in Clouds-A Survey' in the International journal of Computing (IJC), Vol.5 Issue 2, ISSN 2231:2153, April 2015.

The Department of Electronics and Instrumentation Engineering

In the International Conference on 'Advance Research & Innovation in Engineering Science, Technology & Management' held at ARS College of Engineering, Sattamangalam, Maraimalai Nagar on 4th & 5th April '15, the Staff and students noted below presented papers.

Mr.B.Prabhu, M.E., II year student, Mrs.S.C.Prasanna, A.P and Mrs.S.Ezhilarasi, A.P presented a paper on the 'Ts-Fuzzy Controller for Wind Energy Conversion Systems'.

Mr. C.Praveen Kumar, M.E., II year student, Mrs. M.Shanthi, A.P and Mr. N.Sowrirajan, A.P presented a paper on the 'Performance Evaluation Criteria of Various Controller for Shell and Tube Heat Exchanger System'.

Ms.K.Chitra, M.E., II year student, Dr.Andy Srinivasan, Professor and Ms. V.Vijayalakshmi, A.P presented a paper on the 'PID Controller Tuning in Reverse Osmosis System based on the Particle Swarm Optimization'.

Ms. M.Ramya Princess, M.E., II year student, Mr.V.Suresh Kumar, A.P and Ms. M.Ramjan Begum, A.P published a paper on the 'Feature Based Information Fusion by Gabor Wavelet Transformation'.



Release of Conference Proceedings in the 2nd National Conference on EtEIC'15

The Department in association with ISA. VEC has organized the 2nd National Conference on the 'Emerging Trends in Electronics, Instrumentation and Control' (EtEIC'15) on 11th April 2015. The Chief Guest, Mr.S.G.Balagurunatan, Director, Global Business Service (GBS) & Information Officer, Wabco Vehicle Control Systems, inaugurated the Conference and delivered the inaugural address and also distributed the Certificates to the Project Exhibition Winners of the Conference.

The Department in association with ISA VEC has organized the 2nd National Conference on the "Emerging Trends in Electronics, Instrumentation and Control" (EtEIC'15) held at Valliammai Engineering College, SRM Nagar, Kattankulathur on 11th April 2015. The Staff and students noted below presented papers.

Ms. J.Anslin, M.E., II year student, Mr. P.Tamilmani, A.P and Ms. D.Arbutha, A.P presented a paper titled 'Wireless Based External Pipe Crawling Robot', pp.54-57.

Ms. K. S. Divya Varshini, M.E., II year student, Ms.V.P.Sandhya, A.P and Mrs. K. Rathna Priya, A.P presented a paper on 'AC- AC Boost Converter with Multi MOSFET Inverter for Induction Heating Applications' pp.58-59.

Ms. M.Ramya Princess, M.E., II year student, Mr.V.Suresh Kumar, A.P & Ms.M.Ramjan Begum, A.P published a paper on the 'Multimodal Image Registration using 3-D Shearlet Transform and Global Rule', pp.60-67.

Mr.C.Praveen Kumar, M.E., II year student, Mr.M.Shanthi, A.P & Mr.N.Sowrirajan, A.P presented a paper on the 'Implementation and Evaluation of Different Controllers for an Exchanger System', pp.68-74.

Ms.K.Chitra, M.E., II year student, Dr.Andy Srinivasan, Professor and Ms.V.Vijayalakshmi, A.P presented a paper on the 'Model Predictive Controller Based Reverse Osmosis Process', pp.75-80.

Ms. C.N.Divya, M.E., II year student, Mrs.V.Mangayarkarasi, A.P & Ms.Z.Jenifer, A.P presented a paper on the 'Implementation of Linear Arrangement of Electromagnetic Vibration Energy Harvester', pp.81-88.

Ms.P.Abirami, and Dr. S.Visalakshi Prof. &Head presented a paper on the 'Design and Analysis of Model Predictive Voltage/Current for Three Phase Voltage Inverter in Microgrid' in the International Conference on Recent Trends in Engineering Research, held at Vels University on April 2015.

M. Ramya Princess, V.Suresh Kumar, M. Ramjan Begum published a paper on the 'Feature Based Information Fusion by Gabor Wavelet Transform' in the International Journal of Computers Communication Networks and Circuit Systems (IJCCN) Vol 1, Issue 1 April 2015.

C.Praveen Kumar, M.Shanthi, and N.Sowrirajan, presented a paper on the 'Performance Evaluation Criteria of Various Controller for Heat Process' in the International Open Journal for Engineering Research, Vol 1, Issue 1, April 2015.

K.Lakshmi, S.Visalakshi and G.Shiva published a paper on 'A Bidirectional AC/DC Converter using PWM Technique for a Grid Tied Micro Grid System' in the International Open Journal for Engineering Research, Vol 1, Issue 3, April 2015.

V. Suresh Kumar, published a paper on the 'Efficient Memory Built in Self Test Address Generator Implementation' in the International Journal of Applied Engineering Research in Volume 10, Number 7 (2015), APR-2015, pp-16797-16813.

C.N.Divya, V.Mangayarkarasi, and Z. Jenifer, published a paper on the 'Electromagnetic Vibration Energy Harvester using Lab View' in the International Journal of Electronics, Communication and Instrumentation Engineering Research and Development, Vol 5, Issue 3 June 2015.

J.Anslin, P.Tamilmani and Ms. D.Arbutha, presented a paper on the 'Wireless Based External Pipe Crawling Robot' in the International Open Journal for Engineering Research, Vol 1, Issue 4, April 2015.

The following final year students (i) Mathumitha.P.S, (ii) Nivetha.M, (iii) Pavithra.S and (iv) Sharmila.S of EIE Dept. participated in the 'Project Exhibition' of our



EIE students Mathumitha.P.S, Nivetha.M, Pavithra.S & Sharmila.S. receiving Certificate for owning prizes in the 'Project Exhibition'

College and won prizes. It was organized by the Department of Computer Science and Engineering on Tuesday, 31st March 2015.



SDP on Calibration of Instruments for Programmers & Lab Assistants

The Department organized a one day Staff Development Program (SDP) on Calibration of Instruments which is offered for the Programmers and Lab Assistants of our College on 14th May 2015 conducted by Mr.P.Tamilmani, AP(Sel. G)/EIE, and Ms.M.Ramzan Begum, AP(O.G)/EIE.

Ten Faculty members of the Dept. of EIE had visited RLT Instrumentation Pvt. Ltd, No-2, Factory Road, Attur, Chengalpattu on 14th May 2015.



Faculty Members attending a lecture given by the Factory Official, RLT Instrumentation Pvt., Ltd

The Department of Mechanical Engineering



The Dignitaries in the National Conference of the Department ETME'15

The National Conference of the Department ETME'15 was conducted on 11/04/15. 50 members participated and 38 papers were selected for the proceedings.

Mr K.Sivakumar of our dept. was awarded PhD degree on 13/04/15 at CEG, Anna University, Chennai.



Faculty Members at Dr.Ambedkar National Productivity Council New Delhi's, Chennai Chapter

10 Assistant Professors of the Department visited Dr.Ambedkar National Productivity Council New Delhi's, Chennai Chapter at Ambattur on 21/04/15 dealing with Energy Management Systems.

Mr.S.Pungaiya, AP (OG), published a paper on 'Thermal Performance of Spiral Tube Heat Exchanger Using Nano Fluid Experimental Study' in the Australian Journal of Basic and applied Sciences, ISSN: 1991-8178, Vol.9 (11), pp.417-421, May 2015.

Mr.T.Muthu Krishnan, AP (OG), published a paper on 'Effects of Tool Pin Profile and Material Location on Tensile Behaviour in Friction Stir Welding of Dissimilar Aluminum Alloys' in the International Journal of Applied Engineering Research, ISSN 0973-4562, Vol.10, No.8, June (2015).

Mr.G.Ananth, AP (Sel.G), published a paper on 'Cost and Time Saving Simplified Total Productive Maintenance Performance Assessment in Tiny Manufacturing Industries of India' in the International Journal of Applied Business and Economic Research, No.2 June 2015.

Mr.S.Sivansankar, published a paper on 'A Study on Comparison of Heat Pipe Performance with Different Aqueous Solutions' in the International Journal of Applied Engineering Research, ISSN 0973-4562, Vol.10, No.3, April 2015.

The Department of Information Technology

A one day Training Programme on the 'Web Designing Concepts' was organized on 06.05.2015.

A five day Faculty Development Program on 'Graphics and Multimedia' was organized from 01.06.2015 to 05.06.2015.



The HOD, IT, presenting a lecture to the Faculty Members on a five day Faculty Development Program on 'Graphics and Multimedia'

Ms.A.R.Revathi,A.P Ms.R.Thenmozhi,A.P, Mr.K.Ravindran,A.P, Ms.S.Shenbagavadivu,A.P, Ms.S.Sandhya,A.P, Ms R.Shanthi,A.P, Mr.R.Senthil,A.P, delivered a Guest Lecture on the 'Graphics and Multimedia' conducted from 1st June 2015 to 5th June 2015, by the Dept. of Information Technology, Valliammai Engineering College.



Faculty Members attending five day Faculty Development Program on 'Graphics and Multimedia'

Ms.R.Meenakshi, A.P, Ms. R.Thenmozhi, A.P, Ms.S.Shenbagavadivu, A.P, Mr.M.Kavinkumar, A.P participated in a five day FDP on the 'Graphics and Multimedia' conducted from 1st June 2015 to 5th June 2015, by the Dept. of Information Technology, Valliammai Engineering College.

Ms.A.R.Revathi, A.P delivered a Guest Lecture on 'The Digital Image Processing Using MATLAB' in a two day Training Programme on 20th and 21st June 2015 organized by MIT Campus, Anna University, Chennai.

Ms.A.R.Revathi,A.P participated in a two day workshop on the 'Network Simulation Tools NS2 & NS3' conducted on 21st & 22nd May 2015, by the Department of Electronics Engineering in association with IEEE Communication Society Madras Chapter and ABE Semiconductor Designs, Panimalar Institute of Technology, Chennai.

Ms.S.Sandhya, A.P, presented a paper on the 'Screenless Displays - The Emerging Technology' in the Second National Conference on the Recent Trends in Computational Intelligence (NCRTCI'15) organized by the Dept. of Information Technology conducted on 25th April 2015 at Valliammai Engineering College.

Mr.S.Ravikumar, AP (Sel.G), published a paper on 'A Survey on Different Software Security Attacks and Risk Analysis Based on Security Threats' in the International Journal of Innovative Research in Computer and Communication Engineering, ISSN: 2320-9798, Vol.3, Issue 4, April 2015.

Mr.S.Ravikumar, AP (Sel.G), published a paper on 'Click Jacking Vulnerability Analysis and Providing Security against WEB Attacks Using White Listing URL Analyzer' in the International Journal of Computer Technologies', Vol.2, Issue 3, May-June 2015.

Mr.S.Ravikumar, AP (Sel.G), published a paper on 'Enhancing Vulnerability Analysis for Clickjacking Web Attack and Providing Security using Whitelisting URL Analyzer' in the International Journal of Engineering and Computer Science, ISSN: 2319-7242, Vol.4, Issue 6, pp.12652-57, June 2015.

Ms.A.R.Revathi, A.P published a research paper on 'A Novel Based Approach for Face Recognition' in the International Journal of Innovative Research in Computer and Communication Engineering ISSN 2320-9801 volume 3, Issue 4, April 2015.



2nd National Level Conference on the 'Recent Trends in Computational Intelligence 2015 (NCRTCI'15)'

The Dept of Computer Applications and The Dept of Information Technology jointly organized and conducted 2nd National Conference on the 'The Recent Trends in Computational Intelligence' (NCRTCI'15) on 25th April 2015. Shri.A.Sitaraman, Senior Director, Cognizant Technology Solutions was the Chief Guest. Dr.A.Abdul Rasheed, Prof. & Head/MCA welcomed, Mr.S.K.Saravanan, AP (Sel.G) briefed about the conference. Dr.M.Murugan, VP, delivered presidential address. Ms.R.Meenakshi, HOD/IT, introduced the Chief Guest and Ms.A.R.Revathi, AP (Sel.G)/IT, proposed vote of thanks. Out of 80 papers received, 49 papers were selected and presented in the conference.

Ms.A.R.Revathi, A.P published a research paper on 'A Comparative Measurement Evaluation of Multi Object Video Tracking' in the International Journal of Advanced Computer Technology (IJACT) ISSN 2319-7900 volume 4, Issue 2, April 2015.

Mr.T.Veeramani, A.P published a research paper on 'An Adaptive and Generic Wrapper Generation Approach (AGWGA) for Webpage Extraction' in the International Journal of Applied Engineering Research, ISSN 0973-4562 volume 10, Issue 20, April 2015.

The Department of Computer Applications

The following Staff published Books with ISBN:

Dr.A.Abdul Rasheed, M.Mohamed Sathi, Social Networks: A Framework of Computational Intelligence: Moblog-Based Social Networks 978-3-319-02992-4.

Prof.S.K.Saravanan and Prof.R.Govindasamy, Object Oriented Programming: 978-93-5163-046-3 Thakur Publishers, Chennai, Edition 2014.

Mr.V.Santhana Marichamy Assistant Professor (Sen.G), Mr. N. Leo Bright Tennisson, Assistant Professor (O.G.) and Ms. G. Rekha, Assistant Professor(O.G) attended a one day National Seminar on 'Modern Mathematical and Computer Applications' conducted by the Dept. of Mathematics, Valliammai Engineering College on 29th April 2015.

Mrs. D. Sridevi, Assistant Professor (O.G), and Ms. G. Rekha, Assistant Professor (O.G) attended a two day (25th and 26th May 2015) Faculty Development Programme on the 'Introduction to ASP .NET' conducted by the ICT Academy of Tamilnadu at Dhanalakshmi College of Engineering, Chennai.

Mr. N. Leo Bright Tennisson Assistant Professor (O.G.) and Ms. G. Rekha, Assistant Professor,(O.G), attended 'The Faculty Training Programme on the 'GRAPHICS and MULTIMEDIA' conducted by the Department of Information Technology during 1st June 2015 - 5th June 2015.

Ms. C. Shalini, Programmer attended a 'Training Programme on Web Designing Concepts' on 6th May 2015 organized by the Department of Information Technology, Valliammai Engineering College.

Ms.M.Mamtha, II MCA, Mr.N.Leo Bright Tennisson, AP (OG), Ms.G.Rekha, AP (OG), published a paper on 'An Efficient Lightweight Cryptographic Algorithm for Secure Control of Vehicle using Smart Phone', in the

The International Yoga Day Celebration



Lighting Kuthuvilakku by the Principal on the inauguration of the International Yoga Day

Yoga is an invaluable gift of India's ancient tradition. The International Yoga Day was celebrated on 20th June at VEC. The Principal, HoDs of the different departments and office Staff were present in large number. Dr.B.Chidambara Rajan, Principal and Dr.K.Tirupathi, A.P (Physics) and Mr.M.S.Karthikeyan, Office Assistant explained the significance of practising yoga and also demonstrated certain Asanas.

An exhibition of various Yogic postures was also displayed in the college for creating awareness to all staff and students.

International Research Journal of Engineering and Technology, ISSN 2395-0072, Vol.2, Issue 1, pp.281-284, April 2015.

Mr.Shashank, II MCA, Mr.S.K.Saravanan, AP (Sel.G), Ms.G.Rekha, AP (OG), published a paper on 'Information Security in Big Data using Encryption and Decryption', in the International Research Journal of Computer Science, ISSN 2393-9842, Vol.2, Issue 5, pp.65-70, May 2015.

Mr.M.Thilakaraj, II MCA, Mr.S.K.Saravanan, AP (Sel.G), Ms.G.Dharani Devi, AP (Sr.G), published a paper on 'Images Pixel as Graphical Password using Artificial Intelligence', in the International Research Journal of Computer Science, ISSN 2393-9842, Vol.2, Issue 5, pp.60-64, May 2015.

Mr.M.Asan Nainar, AP (Sr.G), Ms.G.Dharani Devi, AP (Sr.G), published a paper on 'A Study of Secured Design of Smart Meter with Energy Efficient in Smart Grid', in the International Research Journal of Engineering and Technology, ISSN 2395-0072, Vol.2, Issue 2, pp.588-590, May 2015.

Ms.D.Sridevi, AP (OG), Mr.R.Prince Jeyaseelan James, AP (Sr.G), Mr.V.Santhana Marichamy, AP (Sr.G), presented a paper on 'A Study of Teachable Agents for Scientific Reasoning' in the International Journal of Research in Advent Technology, ISSN 2321-9637, Vol.3, Issue 6, pp.58-62, June 2015.

The Department of Management Studies



HOD, MBA delivering a lecture on the 'Medical Camp' at Chengalpattu

A 'Medical Camp' was conducted on 18.04.2015 by the Dept. of Management Studies in association with the Annai Saradha Paramedical Institute, Chengalpattu to create an awareness on the anemic conditions and the consequences. Anemic Test Kits were distributed to the participants. 50 women in and around Chengalpattu participated in the camp and were tested for anemia. Students and Faculty members of the dept. volunteered and facilitated the camp.



An 'Eye Camp' in collaboration with Agarwal Eye Hospital

An 'Eye Camp' was conducted on 18.04.2015 by the Dept. of Management Studies in collaboration with Agarwal Eye Hospital at Chinna Neelankarai. More than 100 persons from the nearby locations participated in the



HOD, MBA delivering a lecture in the Skill Development Program for the Non-Teaching Staff



The Principal, VEC handing over the DD for Rs.32,450/- to the Member of Life Line Trust for the benefit of Leprosy affected persons

camp. Students and Faculty members of the dept. volunteered and facilitated the camp.

The Dept. of Management Studies organized a 'Book Donation' activity. Students of 2014-2016 batch volunteered and donated 25 books on various titles and the same will be distributed to the needy students of the forthcoming batch.

The Dept. of Management Studies has initiated a charity event where students and Staff of all departments of Valliammai Engineering College contributed a sum of Rs. 32,450 and the fund was handed over to the Life Line Trust for the benefit of Leprosy affected persons.

Skill Development program for the Non-Teaching Staff was organized by the Dept. of Management Studies on 'Organizational Citizenship Behaviour' on 26.06.2015. Organizational citizenship behaviour, job commitment, job involvement and its impact on employee performance was discussed elaborately through lectures, skits, games, factors affecting commitment (job related and personal factors) were discussed in detail and demonstrated through short plays. Corporate and mass media examples were also provided for the better understanding of the participants.

The Department of Mathematics

The Mathematics Association "EULER.COM" organized the talent searching program "MATHFEST 2K15" on 10th April 2015 for the first year students to exhibit their innovations and creations in applying Mathematics in Engineering, Applied Science and Technology. The events conducted were

1. Mathematical Olympiad (Individual event)
2. Mathematical Puzzles (Individual event)
3. Mathematical modeling (Individual or team)
4. Quiz (7 Teams consisting of 6 members)
5. Paper Presentations (Individual or a team of two)

Around 300 first year students actively participated and exhibited their talents and the winners were honored with valuable prizes and Certificates of Merit.



Dr. Indra Raja Singh, Professor, Dept. of Mathematics, VIT & Dr. Gnanaraj Thomas, Professor, Dept. of Mathematics, MCC handling a session in the NSMMCA-2015

A one day National Seminar on the 'Modern Mathematical and Computer Applications(NSMMCA-2015)' was organized on 29th April 2015. Session 1: Membrane Computing and NP-Complete Problems by Dr. Gnanaraj Thomas, Professor, Dept. of Mathematics, Madras Christian College, Tambaram. Session 2: Fuzzy Petrinets by Dr. K. Thirusangu Professor, Dept. of Mathematics, SIVET College, Chennai and Session 3: A Cyclic Coloring in Graphs with Applications by Dr. Indra Raja Singh, (Retired Professor and Head, Loyola College), Professor, Dept. of Mathematics, VIT - Chennai delivered a talk. Around 40 participants from various Engineering and Arts and Science colleges from all over TamilNadu participated in the seminar.

The Department of Physics

A Guest Lecture was delivered by Dr. S. Moorthy Babu, Professor, Crystal Growth Centre, Anna University on 'Photovoltaic Cell (Solar Cell)' on 8th April 2015.



A Guest Lecture on "Photovoltaic Cell (Solar Cell)"

Dr. H. Krishnan, Prof. and Head, Chaired a session in the National Level Innovation Contest (UNLEASH 15) Programme on 9th and 10th, April 2015 organized by GKM College of Engineering and Technology, New Perungalathur, Chennai.

Dr. M. Anbuhezhiyan, A.P [Sel.G], participated in a one day workshop on 'NPTEL Study Centre and Online Certificate Courses' on 6th May 2015 organized by the NPTEL, IIT Madras.

Dr. M. Anbuhezhiyan, A.P [Sel.G], attended a workshop on '3rd INUP Familiarization Workshop' from 27th to 29th May 2015 organized by the IIT Bombay.

Dr. M. Anbuhezhiyan, A.P.(Sel.G) published a research paper on the 'Effect of Phosphorous on the Growth, Optical, Mechanical and Thermal Properties of L-alanine Crystals' in Photonics Letters of Poland, Article in Press, June 2015.

Dr. M. Anbuhezhiyan has been nominated as the SPOC [Single Point of Contact] for NPTEL Study Centre in our College.

Ms. R. Sasireka attended the Bridge Course on 26th & 27th June 2015 in Anna University, Chennai.

Dr. H. Krishnan, Professor & Head, has published the research paper entitled 'Ferroelectric like transition on a Hygroscopic Barium Thiourea Chloride Single Crystal', Modern Physics Letters B, Vol.29, 150047, June 2015.

Dr. M. Anbuhezhiyan, AP (Sl.G) has published the research paper entitled 'Effect of Phosphorous on the growth, optical, mechanical and thermal properties of L-alanine crystals' in Photonics Letters of Poland, Vol.7 (2), pp.44-46, June 2015.



The Director, VEC, The Vice Principal, VEC with the Chief Guest and Faculty Members on the National Seminar on (NSNEMA 2015)

One Day National Seminar on 'New Engineering Materials and their Applications (NSNEMA 2015)' was organized on 27th April 2015. Dr. H. Krishnan, Prof. & HOD delivered welcome address. Dr. T.P. Ganesan, Director (VEC) gave presidential address. The Chief Guest Dr. John Philip, IGCAR delivered inaugural address. Dr. K. Thirupathi proposed vote of thanks. The Seminar focused on 4 different topics.

(i) Applications of Magnetic Nanofluids by Dr. John Philip, Head SMARTS MMG & RTS, NDED, IGCAR, Kalpakkam.

(ii) Nano Sensors by Dr. A. Karthikeyan, Dept. of Physics and Nanotechnology, SRM University, Kattankulathur.

(iii) Laser applications in Science, Engineering & Nanotechnology by Dr. G. Vinitha, VIT, and Chennai.

(iv) Dye Synthesized Solar Cell & Non Linear Optical Materials by Dr. Muthu Senthil Pandian, Research Scientist, SSN Research Centre, Chennai.

Dr.K.Thiruppathi published a research paper on 'The Analysis and Early Characterization of Fly Ash Blended Calcium Sulfoaluminate Cement (CSAC)' in the International Journal of Futuristic Trends in Engineering and Research, Vol.2 (7), May 2015.

Dr.K.Thiruppathi published a research paper on 'The Effect of Spherical Nanoparticle on Rheological Properties of Bi-dispersed Magneto Rheological Fluids' in American Institute of Physics, Vol.130020, Issue 1665, pp.20-23, June 2015.

Three candidates have registered for Ph.D in this semester. Totally 5 candidates are pursuing their Ph.D., Programmes.

Dr.K.Sarojini Asst. Prof (Sr.Grade) has been approved as **Recognized Research Supervisor** for the Anna University, Chennai.

Mr. D.Baskar participated in the 'Skill Development Program Organizational Citizenship Behaviour', conducted by the Dept of MBA in our College held on 26th June 2015.

The Department of Chemistry



The Director, VEC, The Vice Principal, Chief Guest and Faculty Members on the National Seminar on the 'Concepts of Green Chemistry'

The 2nd National Seminar on the 'Concepts of Green Chemistry' was organized on 18th April 2015. About 200 participants from various parts of Tamil Nadu and Pondicherry attended the programme. Dr. T.P. Ganesan, Director, VEC & Pro-VC(P&D) delivered the Presidential address. Dr. M. Murugan, the Vice-Principal delivered the keynote address. Dr. L. Devaraj Stephen, Head, Dept of Chemistry, welcomed the gathering.

The e-abstract book was released by the dignitaries.

Dr. G. Sekar, Professor of Chemistry, IIT Madras, presented a bird's eye view of the program.

The second session was handled by Dr. N. Rajendran, Professor of Chemistry, Anna University listed the techniques and various ideas in Green Chemistry. He also presented new ideas related to the concepts of Green Chemistry and Nano materials.

Mr. V. Arivalagan, A.P, VEC, Organizing Secretary of the Seminar proposed a Vote of Thanks.

Research participants from various Universities and Colleges from all over Tamilnadu and Pondicherry presented their research findings.

Mr. N. Jayaprakash, Mr. V.Arivalagan, Ms. M. Meera, Ms. R. Manju and Ms. R. Kamakshi presented papers in the 2nd National Seminar on the Concepts of Green Chemistry' held on April 18th 2015 at Valliammai Engineering College.

Dr. S.Gunasekaran and Mr. V. Arivalagan attended the 'Staff Development Training Programme on Adobe Photoshop CS3' organized by the Dept. of Computer Science and Engineering on 11th and 12th June 2015 at Valliammai Engineering College.

The Department of English



Dignitaries on the dias in the National Seminar on 'The Perspectives and Principles in Publishing Research Papers in ELT'

The Department of English organized a National Seminar on 'The Perspectives and Principles in Publishing Research Papers in ELT' on 29.04.15.

The presidential address was delivered by Dr.T.P.Ganesan, the Director, Valliammai Engineering College. Dr.M. Murugan, the Vice Principal offered his felicitations. Dr.P. Ramani, inaugurated the Seminar and also delivered talks on the 'Research Problems, Sources and Solutions' and 'The Structure of the Research Paper' in the afternoon.

Dr.M. Murugan, Dean, TNOU, held a session on 'Publishing What It Entails!'. The second session was taken over by Dr. S. Savitri, Dean, Guru Nanak College of Engineering. She focused her presentation on 'The Mechanics of Publishing'.

36 Faculties from various institutions from different states participated in the seminar.

Dr. M. Murugan, the Vice Principal delivered the valedictory address and certificates were distributed to the participants.



Participants of the National Seminar on 'The Perspectives and Principles in Publishing Research Papers in ELT'

Ms. T. Nandini, AP (OG) of the Dept. of English attended a two-day Bridge Course conducted at Anna University for all the Faculties of English on 26.06.15 and 27.06.15.

The Central Library

Mr.N.Chidambaranathan, Assistant Librarian presented a paper in the 2nd International Conference on the 'Innovation Driven Librarianship: Creating Future Landscape for New Generation Libraries and Professionals' (ICDL 2015) on 'Awareness and Effective Use of E-Resources among Under Graduate, and Post Graduate Students: A Study on Engineering Colleges, South Tamilnadu', with ISBN No: 978-93-84136-05-5 held at SRM University, on 11th - 13th June 2015.

The Department of Placement and Career Guidance

Mrs.S.Prathiba Jeyakumari AP(O.G) has authored a paper on the 'Comparative Study of Conventional Method with Efficient Alligation Method" in the International Journal of Research in Humanities, Arts and Literature, Volume 2, Issue 5 on May, 2015.

In the month of April to June the following companies Vertx Solutions, Mercury Fittings Pvt. Ltd, Embed UR System, PMRT, Omnex, Saabs Co, Ionixx Technologies and Skava interviewed our college students and selected 22 students.

The Dept. of Placement and Career Guidance arranged a training program by the Chiron Leadership Skills Pvt. Ltd for the Pre Final year students from 21/5/15 to 2/6/15.

College Day 2015

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. M.S. Shyamala, Asst. Prof. (O.G), Dept. of English
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive

College Day of VEC, an extravaganza of academic achievements, sports prize distribution followed by the cultural events was organized on 01.04.2015. Initially, Dr.M.Murugan, Vice Principal delivered the welcome address. Dr. B. Chidambara Rajan, the Principal presented the



The Director, VEC presenting Memento to Cine Actor Mr.Arun Vijay on College Day

Annual Report of the College for the academic year 2014-15. Dr.T.P.Ganesan, Director, VEC & Pro-VC (P&D), SRM University delivered the Presidential Address. Mr.Arun Vijay, a well-known

cine actor, delivered the 'Special Address' and distributed prizes to the Staff and students for various categories for their achievements. Cultural events were organized with more than 15 groups. Over 100 students from all the departments participated and showcased their

talents in the events such as dance, instrumental, variety, mime and martial arts. Finally, Dr.D.Elango, HOD of Civil Engineering proposed a vote of thanks.



11th Graduation Day 2015



Valliammai Engineering College jubilantly celebrated its 11th Graduation Day on 28th June 2015 at Dr.T.P.Ganesan Auditorium. Dr.M.Murugan, the Vice Principal welcomed the gathering. Dr.T.P.Ganesan, the Director, Valliammai Engineering College delivered the presidential address. Dr.B.Chidambara Rajan, the Principal presented the College Annual Report for the year 2014-15.

The Chief Guest Dr.A.K.Pattabiraman, Head-Accreditation Process for Southern India and Academic Interface for Tamilnadu, Tata Consultancy Services (TCS), delivered the Graduation Day Address on the theme of Big Data and Social Networks. He emphasized that the rapidly changing technology would be playing a very dominating role in future.

A total of 622 students received their degrees. 467 Under Graduates from the departments of CIVIL, CSE, IT, ECE, EEE, EIE & MECH and 155 Post Graduates from the departments of EEE, E&I, ECE, CSE, MBA & MCA received their degrees from the Chief Guest in the presence of Director, Valliammai Engineering College, Principal and Vice Principal. 15 students bagged Anna University ranks and received their Medals from the Chief Guests. ■

