



**Valliammai Engineering College**

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# VEC NEWS

[Quarterly]

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## NAAC Accredited VEC with highest Grade - A for five years



Hon'ble Founder Chairman receives the NAAC Assessment Report from the Peer Team



Hon'ble Chairman with NAAC Certificate

Valliammai Engineering College has been accredited with the highest Grade of 'A' by the National Assessment and Accreditation Council (NAAC). A team of experts under the Chairmanship of Prof.K.N.Balasubramanyamurthy, Vice Chancellor, PES University, Karnataka visited VEC during 12<sup>th</sup> to 14<sup>th</sup> Jan 2015. A criterion wise analysis was made on the basis of curricular aspects, teaching, learning and evaluation, research, consultancy infrastructure, learning resources, student support progression, governance and leadership, innovation and best practices, institutional strengths and weaknesses.

The Peer Team lauded the noteworthy achievements of the college and its efforts in maintaining equality and standards in its educational activities.

Our Founder Chairman Dr.T.R.Paarivendhar and Chairman Thiru Ravi Pachamoothoo congratulated the Principal, Vice Principal, Staff and Students for their hard work and contributions for the achievement.

## The Department of Civil Engineering

Ms.K.Suganya Devi, A.P(OG) delivered a Guest Lecture on 'Seismic Response of Exterior Beam-Column Joint Retrofitted With Fibre Reinforced Polymer Composites' in a National workshop on 'Innovative Concepts for Seismic Response Control of Structures ICSRCS1S' during 11<sup>th</sup> & 12<sup>th</sup> February 2015 in B.S.Abdur Rahman University.

A Guest lecture was organized on 'Advanced in Steel Materials' on 24<sup>th</sup> February, 2015 at 2.00 pm. Mr.N.Jayasundar, Additional General Manager, Steel Authority of India Ltd was the Guest Speaker.

Dr.D.Elango, Professor and Head, was the Guest Speaker and delivered the Inaugural address on 'Solid Waste Management' in the International Conference on Science, Technology, Engineering & Management held at Jeppiar Engineering College on 26<sup>th</sup> March 2015.

Mr.P.Elangovan, Mr.V.Sathish Kumar and Mr.V.Jaganathan, Assistant Professors attended the Two Day Short Term course on 'The Advancement in Concrete Technology' on 27<sup>th</sup> & 28<sup>th</sup> March 2015.

V.Archana of Final year participated in i) The Intramural Symposium Celestia 2015 held in Anna University, Chennai on 8<sup>th</sup> & 9<sup>th</sup> January 2015. ii) The



Inaugural of CONSTRUO '15

CONSTRUO '15, the third National Level Students' Technical Symposium was organized on 28th February 2015. It was inaugurated by Dr. Pratheeba Paul and Dr.P.S.Joanna, Professors, Civil Engineering Department, Hindustan University. It was presided over by Dr.B.Chidambara Rajan, the Principal. Technical events like paper presentation, poster display, technical quiz, model making, CADD quest and non-technical events like Ship Wreck, Block & Tackle and Bob Builder were conducted.



Poster presentation titled 'Coastal Management' event held in KCG College of Technology and won I prize on 22<sup>nd</sup> February 2015. iii) The Debate Competition held in IIT Madras and won I prize on 14<sup>th</sup> & 15<sup>th</sup> March 2015. iv) The Reason It event held in Anna University, CEG Campus and won III prize conducted from 26<sup>th</sup> to 28<sup>th</sup> March 2015.

B.R.Harini & P.Kiruthika of Final year presented a paper in the National Conference on 'The Quest for Advancements in Civil Engineering' titled 'Experimental Study on Fibre Reinforced Concrete' held in SRM University on 19<sup>th</sup> & 20<sup>th</sup> March 2015.

S.Sandana Socrates, M.Prasanth, Rejith Thomas & S.Sasikumar of Final year presented a paper in the National Conference on 'The Quest for Advancements in Civil Engineering' titled 'Experimental Investigation on the Compressive Strength of Pressed Composite Bricks' held in SRM University on 19<sup>th</sup> & 20<sup>th</sup> March 2015.

V.R.Niranjana, R.Sathish Kumar, K.Venkataperumal & S.Shyam Kumar of Final year presented a paper in the International Conference on Science, Technology, Engineering & Management titled 'Production of Bio-gas from Hostel Food Waste' held in Jeppiar Engineering College on 26<sup>th</sup> March 2015.

B.R.Harini of Final year participated in the 'Project Display' event held in Anna University, CEG Campus titled 'Experimental Study on Flexural Behavior of Fibre Reinforced Concrete with Elastometric Pads' and won II prize during 26<sup>th</sup> - 28<sup>th</sup> March 2015.

## The Department of Computer Science and Engineering



Guest Lecture on "Data Warehousing and Data Mining" by Dr.E.Poovammal

A Guest Lecture was delivered on 'Data Warehousing and Data Mining' by Dr.E.Poovammal, Professor, Head, Department of Computer Science and Engineering, SRM University on 23.01.2015.

A Guest Lecture was delivered on 'Cyber Security Awareness' by Prof.S.Rajendran, Professor, IT Department, SRM University on 18.02.2015.



Guest Lecture on 'Cyber Security Awareness' by Dr.S.Rajendran

Mr.M.Nagarajan, Programmer/CSE and K.Shyamala Programmer/CSE attended the 'Value Added Course' on 'PHP & MYSQL' held during 16<sup>th</sup> Feb' 2015 conducted by the Department of IT.

The paper 'Enhancing Secure Transaction and Identity Authentication Method based on Mixed Finger Print, Hmac Techniques and QR-code in m-commerce' by Dr.B.Vanathi HOD/CSE and Mr.K.Shanmugam AP, was published in the Australian Journal of Basic and Applied Sciences Vol.9(1), ISSN:1991-8178, Jan - 2015.

The paper 'Analysis of Enhanced Encryption and Pin distribution in Online Mobile Transactions' by Mr.K.Shanmugam AP, was published in the Journal of Emerging Technologies and Innovative Research (JETIR) Vol.2, Issue.1, ISSN: 2349-5162, Jan 2015.

The paper 'Forecasting Network Flow in IDS' by Dr.V.Dhanakoti, Asso. Prof, was published in the Australian Journal of Basic and Applied Sciences, 9(6), Pages 20-23, ISSN:1991-8178, Jan 2015.

The paper 'Search Engine Optimization by Eliminating Duplicate Links' by Ms. C. Pabitha AP, was published in the International Journal of Emerging Research in Management & Technology(IJERMT)Vol.4 , Issue.1,ISSN:2278-9359, Jan 2015.

A Workshop on 'Data Security Issues' was organized on 13.03.2015. Dr.S.Magesh AP, IT Department, SRM UNIVERSITY was the Resource Person.



Dr.S.Magesh handling session on 'Data Security Issues'



The paper 'Comparison Study of Link Estimation Time in Vehicular ADHOC Network' by Mr.L.Karthikeyan AP, S. Balasubramani (PG Student) was published in the International Journal of Applied Engineering Research (IJAER) Vol.10, Issue.2, ISSN: 0973-4562, Jan 2015.

The paper 'Comparison of Effort Estimation Techniques Using Decision Table With Neural Networks' by Mr. M. Senthilkumar AP, S. Abinaya (PG Student) was published in the International Journal of Applied Engineering Research ISSN 0973-4562 Vol. 10, Number 3 (2015) pp. 7457-7468.



Value Added Course conducted by the Dept. of CSE

A Value Added Course was conducted on 'Datastructures using C' by Dr.A.Samydurai, Asso. Prof. during 16.02.2015 - 06.03.2015. A total of 72 students from different departments attended the course.

The paper 'Software Effort Estimation and Risk Analysis using Artificial Intelligence Technique' by Mr.M.Senthilkumar AP, S. Abbinaya (PG Student) was published in the International Journal for Scientific Research & Development, Vol. 3, Issue 1, 2015 ISSN (online): 2321-0613.

The paper 'Review of Botnet Attacks and its Detection Mechanism' by Ms. D. Kavitha AP and S. K. Rani (PG Student) was published in the International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 3, March 2015 ISSN (online): 2320-9801.

The paper 'Resource Management Technique for QOS Support in Hybrid Wireless Network' by Ms. A. Lalitha AP and M.Yohapriyaa (PG Student) was published in the International Journal for Scientific Research and Development, Vol. 2, Issue 12, Feb 2015 ISSN (online): 2321-0613.

M. K. Keerthi Krishna (III Yr., CSE-1), presented a paper in the International Conference on Electrical, Electronics, Mechanical and Computer Engineering (ICEEMC 2015), the GLM Meridian, Chennai.

Dr. B. Vanathi, HOD/CSE and Mr.K.Shanmugam, AP, S. Celin Sindhya (PG student) presented a paper 'A Journey Through Existing Procedures on Secure Transaction Using Biometric Authentication in Mobile Commerce' in the 2nd International Conference on Engineering Technology and Science held on 5<sup>th</sup> & 6<sup>th</sup> March, 2015 at Muthayammal College of Engineering, Rasipuram, Namakkal Dt., Tamilnadu.

Dr. A. Samydurai, AP, presented a paper on 'Secured Health Care Information Exchange on Cloud Using Attribute Based Encryption' in the 3rd International Conference on Signal Processing, Communication & Networking organized by the Department of Electronics Engineering and AU-KBC Research Centre, the Madras Institute of Technology Campus, Anna University, Chennai.2015 on 26<sup>th</sup> -28<sup>th</sup> March 2015.

Mr.L.Karthikeyan, AP, presented a paper on 'Comparison Study of Link Estimation Time in Vehicular ADHOC Network' in the International Conference on Emerging Trends in Engineering and Technology (ICET2k15) organized by K.N.S.K. College of Engineering, Nagercoil, on 26-27<sup>th</sup> March 2015.

Dr.B.Vanathi, HOD/CSE, Mr.K.Shanmugam, AP and S.Celin Sindhya (PG student) presented a paper on the 'Impact of Software Engineering in Computer Technologies' on 25<sup>th</sup> & 26<sup>th</sup> March 2015 organised by the Department of Software Engineering, SRM University.

Dr. A.Samydurai, AP, presented a paper on 'Effective and Efficient Utilization of Green Computing Based Optimized Resource in Cloud With VMware' in the 4<sup>th</sup> National Conference AGNICON 2015 held on March 20, 2015.

R.Nagapriyadarshini (PG Student) presented a paper on 'IDS in Wireless Sensor Network' in the 4<sup>th</sup> National Conference AGNICON 2015 held on 20th March 2015.



CYBORGS 2K15 - Technical Symposium Souvenir release

A one day National Level Technical Symposium CYBORGS 2K15 was organized on 28.02.15 coordinated by Ms.G.Sangeetha, AP and Ms.M.Priyadarshini, AP. Mr.Praveen Sridhar, Project Manager, TCS, Chennai delivered the inaugural address. Cyborgs souvenir was released on that occasion.

P.Nirmala Devi (PG Student) presented a paper on 'Routing Based Algorithm for WSN and MANET' in the 4<sup>th</sup> National Conference AGNICON 2015 held on 20<sup>th</sup> March 2015.

Mr.B.Muthusenthil, presented a paper on 'Performance Evaluation of GPSR with ALERT in Mobile Ad-hoc Network' in the 4<sup>th</sup> National Conference AGNICON 2015 held on 20<sup>th</sup> March 2015.

Mr.G.Kumaresan, Mr.C.Vijayakumaran and S.Mohamed Saleem (PG Student) presented a paper on 'Product Feature Identification and Optimization Using Probabilistic Ranking' in the 4<sup>th</sup> National Conference AGNICON 2015 held on 20<sup>th</sup> March 2015.

Mr.B.Muthusenthil presented a paper on 'Performance Evaluation for Privacy Preservation and Protection Scheme Over Alarm on Geographical Routing' on the theme of 'Advanced Computing and Mathematical Engineering' (ICONACME '15) held on 26<sup>th</sup> and 27<sup>th</sup> March 2015.

Mr.G. Kumaresan AP, Dr.A.Samydurai AP, presented a paper on 'Towards a Middleware for Resource Sharing in Colloboration of Pervasive Computing' in the 2nd International Symposium on Big Data and Cloud Computing Challenges (ISBCC-15) organized by the School of Computing Science and Engineering, VIT Chennai on 12<sup>th</sup> & 13<sup>th</sup> March 2015.

Dr. V. Dhanakoti, Asso. Prof, and P. Nirmala Deve (PG student) presented a paper on 'File Security Using Neural Networks Induced Facial Recognition' on 20<sup>th</sup> March 2015 in the '4<sup>th</sup> National Conference AGNICON 2015'.

Dr. V. Dhanakoti, Asso. Prof, and P. Nirmala Deve (PG student) presented a paper on 'Routing Based Algorithms For WSN and Manets' on 20<sup>th</sup> March 2015 in the '4<sup>th</sup> National Conference AGNICON 2015'.

Dr.V.Dhanakoti, Asso. Prof, and R.Naga Priyadarsini (PG student) presented a paper on 'IDS in Wireless Sensor Networks' on 20<sup>th</sup> March 2015 in the '4<sup>th</sup> National Conference AGNICON 2015'.

S. Mohamed Saleem (PG student) presented a paper on 'Product Feature Identification and Optimization Using Probabilistic Ranking' on 20th March 2015 in the '4th National Conference AGNICON 2015'.

PA. Vivitha (PG student) presented a paper on the 'M-Health: Securing Tele Radiology of Multimodel Biometric Data using Spatial Fusion Through Stegnography' on 31<sup>st</sup> March 2015 in the '2<sup>nd</sup> National Conference on Computing Techniques 2015' organized by the University of Engineering, Villupuram.

Mr.C.Vijaya Kumaran, AP and Mr.B.Muthu Senthil, AP, attended a Workshop on 'Research Methodology' organized by the Center for Faculty Development, Anna University, Chennai on 23.01.2015.



Project Expo' 2K15

A Project Exhibition Day for the final year students of all departments was organized by Dr.B.Vanathi & Mr.K.Shanmugam on 31<sup>st</sup> March, 2015. In this regard, a committee was constituted to select the best among the three projects from each department. The committee members were Prof.N.Lakshmana Perumal, HOD / English, Dr. H. Krishnan, HOD / Physics, Dr. L. Devaraj Stephen, HOD (I/C) / Chemistry, and the Heads of the Department of the respective departments.

Mr.B.Muthusenthil, (AP/Sr.G) participated in a one Day Workshop on 'Research Methodology' at Anna University, Chennai-600 025.

Mr.C.Vijaya Kumaran, AP, participated in the National Level Workshop on 'Advances in Positioning, Navigation and Communication' on 18.8.14 and 19.8.14 organized by the Department of CSE, SRM University.

Mr.C.Vijaya Kumaran, AP and Mr.B.Muthu Senthil AP, attended a Workshop on 'Data Security Issues' on 13.3.15 conducted by the department of CSE,VEC.

N.Hari Prasad (III Yr) attended a Workshop on 'Cyber Security and Brain Hacking' organized by infySEC held during Vision 2015 at College of Engineering Guindy, Anna University from 12-14 March, 2015.

K.Devi AP, participated in the 'Knowledge++ Workshop' on 27<sup>th</sup> & 28<sup>th</sup> Feb. '2015 organized by L&T Infotech, Chennai.

C.Vinoth Kumar (III Year) participated in All India FIDE Rating CHESS Tournament (applied to Guinness Book of World Record-World's biggest Chess Tournament in India) and Won 3rd place for unrated Chess player and overall 58<sup>th</sup> place in India and received Rs.8,000/- cash prize.

Ms.A.Lalitha, (AP/Sr.G) and Ms.K.Devi, AP, participated in a one Day Workshop on 'The Big Thing in Cloud Computing' in the '2nd National Conference on Man Machine Interaction NCMMI' 15' on 10.04.2015 at VIT, Chennai.

Varun Kannan, S.Sibiraj, A.Santhip and R.Swaminathan of III Year /CSE attended an internship



Training on 'Andriod Mobile Application' during 21.01.2015 - 24.01. 2015.

Our students attended the NSS Special Camp at Kannivakkam, Guduvancheri for creating an awareness on Rural Youth Development from 25.03.2015 to 31.03.2015. List of students who participated in this camp are Jamuna.S (II Year), Kanitha.T (II Year), Praveen (II Year), Ramkumar (II Year), Priyadharshini.M (II Year), Priya.S (II Year) & Prasanth.D (II Year).

## The Department of Electronics and Communication Engineering

A one day Workshop was organized on 19th January 2015. Mr. A. Vetrivel, Sub Divisional Engineer, RTTC, BSNL, Chennai inaugurated the workshop and presented a session on 'LTE-Advanced'. In the afternoon Dr.R.Kanthavel, Prof & Head/ECE, Velammal Engineering College presented a session on the 'Advancements in Wireless Communication and Networking'. The last session was on 'The Evolution of Wireless Technologies-1G to 5G' presented by Prof. Komala James, Head, Department of ECE.



On the occasion of an Expert Lecture on Antennas-Basic Design and Recent Trends

An Expert Lecture on 'Antennas-Basic Design and Recent Trends' was delivered on 07.02.2015 by Dr.K.Malathi, Deputy Director, Centre for Research, Anna University, Chennai.

An Expert lecture on 'Antennas for 60 GHz Wireless Communication' was delivered on 19.05.2015 by Dr.T.Rama Rao, Professor & Head, Department of Telecommunication Engineering, SRM University, Kattankulathur.

A Seminar on 'Wireless Sensor Networks' was conducted by the Department of Electronics and Communication Engineering on 12<sup>th</sup> February 2015 at New Seminar Hall. Prof. Komala James, Head of ECE department delivered the welcome address and Mrs. K.Kamala, AP / ECE, Event Coordinator introduced the Chief Guest, Dr.N.Kumaratharan, Professor, Sri Venkateswara College of Engineering, Sriperumpudur.



Next Generation Wireless Networks

He presented the session on "Wireless Sensor Network and its Advancements".



Value Added Courses on MATLAB for Communications

A Value Added course was conducted on the 'Introduction to MATLAB'. The training was focused on Communication Engineering, Antenna Design and Digital Signal Processing. About 145 participants from different departments attended the course. Ms.R.Vaishnavee, Ms.D.Keerthana, and Ms.S.Thamarailakshmi of third year ECE who attended the course prepared a mini project titled 'Design of Schmitt Trigger using SIMULINK'.



S.Manoshika, III Year, won First Prize in the Marathon Race conducted by TCS

S.Manoshika, III Year won First Prize in the by Marathon Race conducted by Tata Consultancy Services on 08.02.2015.

Mr. S. Ramesh, Asst. Prof. (Sr. G) in ECE Department has been awarded Ph.D from the Chief Guest Dr. Harsh Vardhan, Minister of Science and Technology and Earth Sciences, Government of India at the SRM University 10<sup>th</sup> Convocation on 24.03.2015.

Dr.M.Murugan and R. Porselvi, Research Scholar/ECE published the paper on 'Performance Analysis of Channel Estimation using Training Sequences' in the International Journal of Applied Engineering Research (IJAER), Vol.10, No. 9, pp.8542-8547, 2015.

Dr.M.Murugan coauthored the paper titled 'Performance Analysis of Transmit Antenna Selection with MRC in MIMO for Image Transmission in Multipath Fading Channels using Simulink', published in the International Journal of Electrical and Computer Engineering, Vol.5, No.1, Feb.2015, pp.119-128.

Dr.M.Murugan and V.R.Balaji, Research Scholar/ECE published the paper on 'DWDM Demultiplexer Using Inverted-P Photonic Crystal Structure', in the IJAER, Vol.10, No. 6, pp.5688-5692, 2015.

Dr.M.Murugan coauthored the paper titled 'Performance Analysis of Large MIMO-OFDM Systems with Beam Forming and Maximal Ratio Combining in Rayleigh Fading Channel', I-Manager's Journal on Wireless Communication Networks, Vol.3, No.4, Jan-Mar.2015, pp.1-7.

Dr.M.Murugan coauthored the technical paper titled 'Comparative study between MRCP and ISP Pulse Shaping Techniques to Suppress ICI in Time Varying Channel for OFDM Transmission', in the IJAER, Vol.10, No. 9, pp.8667-8672, 2015.

Thiagarajan.N.S (PG Student) and Dr.M. Murugan published the manuscript on 'Performance Analysis of Wireless Sensor Network using LEACH Protocol', in the IJAER, Vol.10, No. 20, pp.16111-16116, 2015.

Dr.M.Murugan coauthored the paper entitled 'Transmit Antenna Selection in MIMO Relay Network for Image Transmission over Rayleigh Fading Channel from Cognitive Radio Perspective', in the IJAER, Vol.10, No. 9, pp.8601-8607, 2015.

Dr.M.Murugan coauthored the manuscript entitled 'A Sensor Fusion Based Person Detection System', in the IJAER, Vol.10, No. 9, pp.8673-8675, 2015.

Dr.M.Murugan coauthored the paper titled 'Embedded Distributed Control System using Wired and Wireless Communication Channel' in the IJAER, Vol.10, No. 9, pp.7063-7066, 2015.

N.S. Thiyagarajan, II Year M.E (CS) presented a paper titled 'Analysis of Packet Loss Rate in Wireless Sensor Network using LEACH Protocol' in the International Conference on Innovations in

Communications & Computer Engineering (ICICCE-2015) held at Coimbatore Institute of Technology on 15.02.2015 under the guidance of Dr.M.Murugan.

## The Department of Information Technology

125 students of Final year accompanied by 4 Faculty members went on an Industrial Visit to 'Air Force Station-Tambaram' on 06.02.2015.

A Seminar on 'Software Testing' was organized on 14.02.2015 and Mr. S. Loganathan, B.E, Project Manager, Arcus Infotech Pvt ltd, Chennai, was the Resource person.

A Seminar on 'Web Technology' was organized on 20.02.2015 and Dr.B.Amutha, M.E., Ph.D. Professor, Department of Computer Science and Engineering, SRM University, Kattankulathur was the Resource Person.

A National Level Technical Symposium 'XploITs2K15 & Colosium2K15' was organized on 28.02.2015, and Shri Govindarajan Krishnan, Principal Consultant, Tata Consultancy Services (TCS), was the Chief Guest.

A Guest Lecture was organized on 'Artificial Intelligence' on 11.03.2015 and Dr.Denis Ashok, Professor and Division Leader of M.Tech., Mechatronics Program, VIT University, Vellore was the Speaker.

A two day Project Exhibition 'PROJECTEXPO 2K15' was organized with the theme 'To the Students For the Students by the Students' from 30.03.2015 and 31.03.2015.



HOD, IT Addressing the Gathering in a Seminar

A Value Added Course was organized on 'PHP and MYSQL' held during 16.02.2015 to 03.03.2015 conducted by the Department of Information Technology.

Ms.R.Meenakshi, A.P produced 100% result in the 'Professional Ethics in Engineering' at the UG VIII Semester, Anna University Examination held during 2013-2014.





Ms.R.Meenakshi, A.P published a paper titled 'Joint Sparse Channel Estimation and Data Detection in MIMO-OFDM Systems using Bayesian Strategy' in the International Journal of Applied Engineering Research ISSN 0973-4562 volume 10 Number 9(2015).

Ms.A.R.Revathi, A.P participated in a two day workshop on the 'Workshop on Machine Learning in Computer Vision' conducted on 29th&30th January 2015, by the Department of Electronics Engineering in association with AU-KBC Research Centre, MIT, Anna University, Chennai.

Ms.A.R.Revathi,A.P delivered a Guest Lecture on 'The Digital Image Processing and Video Analytics' in a two day Workshop organized by the Karpaga Vinayaga College of Engineering and Technology, Chennai.

Ms.R.Meenakshi, A.P and Ms.S.Shenbagavadivu participated in a one day workshop on the 'Next Generation Wireless Networks' organized by the Department of ECE on 19.01.2015.

Ms.B.R.Shunmugapriya, A.P presented a paper on the 'Dynamic Relationship in Trust for Carpooling System' in the International Conference on Futuristic Trends in Computer Science Engineering & Information Technology organized by Thiruvalluvar College of Engineering and Technology on 7<sup>th</sup> and 8<sup>th</sup> March 2015.

Mr.S.Sekar, A.P, presented a paper titled 'Data Concurrency and Security in Cloud Data Bases' in the National Conference 'The Recent Trends in Information Technology' held on 23.02.2015 at PMK College of Engineering and Technology.

Mr.K.Elaiyaraja, A.P, participated in a two day workshop titled 'Knowledge++' organized by the Campus Springboard on 27th and 28th February 2015 at L&T Infotech, Chennai.

Ms.R.Meenakshi, A.P presented a paper titled 'Joint Sparse Channel Estimation and Data Detection in MIMO-OFDM Systems using Bayesian Strategy' in the 2nd National Conference on Engineering Technology and Science conducted on 5th and 6th March 2015 at Muthayammal College of Engineering, Namakkal.

Ms.B.R.Shunmugapriya, A.P, presented a paper on 'Dyadic Relationship in Trust for Carpooling System' in the Fifth National Conference on Information and Communication Engineering organized by the Department of Information Technology conducted on 23.02.2015 at RMK Engineering College.

Ms.J.Ponni, A.P, presented a paper on 'Auto Result Analyzer and Sender' in the Fifth National Conference on Information and Communication Engineering organized and conducted on 23.02.2015 at TMK Engineering College.

Ms.S.Jeyalakshmi, A.P presented papers titled 'Online Compiler using Android Smart Phones' and 'Ensuring Data Integrity and Public Computing' in the National Conference on 'Computing Technologies Today and Beyond' conducted on 09.03.2015 at RMK College of Engineering and Technology.

Mr.T.Veeramani, A.P presented papers titled 'A Novel Approach for Efficient Lens Detection and Iris Recognition' in the 6<sup>th</sup> National Conference on Research Issues in Computer Science and Engineering (NCRICSE 2015) during 09.03.2015 at RMK Engineering College.

Mr.S.Sekar, A.P. presented a paper titled 'An Intrusion Detection using Efficient EAAC(EEAACK) in Manet's' in the National Conference on the 'Recent Advances in Science, Engineering and Management NVRASEM 2015' held on 20.03.2015 at Tagore Engineering College.

Mr.S.Narayanan, A.P, presented a paper titled 'Enabling Keyless Secure Acoustic Communication in Smart Phone' in the National Conference on 'Ambient Systems and Technologies' and Ms.S.Shenbagavadivu, A.P presented a paper titled 'Eye Over Human' in the National Conference on 'Ambient Systems and Technologies' held on 28.03.2015 at Gojan School of Business and Technologies.

Ms.S.Jeyalakshmi, A.P and Ms.R.Lakshmi, A.P participated in a one day hands on training session on 'Cloud Computing (EUCALYPTUS)' on 30.03.2015 at Jeppiaar Engineering College.

Ms.R.Meenakshi, A.P presented a paper titled 'Steganography in H 264/AVC Compressed Video' in the 4th National Conference AGNICON 2015 conducted on 30.03.2015 at Agni College of Technology.

Ms.R.Thenmozhi, A.P presented a paper titled 'Deployment Algorithm of Localized Movement- Assisted Sensor for Hole Detection and Healing' and also won the best paper titled 'Stream ME: Cloud Mobile Media' in the National Conference on 'Wireless Communication and Mobile Computing' organized on 30.03.2015 and 31.03.2015 at SRM University, Kattankulathur.

## The Department of Electrical and Electronics Engineering

A one day seminar on 'Solar Energy Technologies' was conducted on 27<sup>th</sup> January 2015. Mr.G.Rajaganesan, Director, Technical Operation of VATIO Energy India Private Limited, Chennai was the Chief Guest.

A one day workshop on 'Microcontrollers' was organized on 26th February 2015. Dr.A.Rathinam, Professor, Department of Electrical and Electronics

Engineering, SRM University, Kattankulathur was the Resource Person.

Mr.G.Madhusudanan, Asst. Prof.(Sel.G) attended a three day course on 'Applications of Power Electronics to Renewable Energy System and Micro Grids' sponsored by NaMPET and organized by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli on 08.02.2015 to 10.02.2015

A one day Guest Lecture in association with Renewable Energy Club was organized on 16th March 2015 on 'Power Quality Issues'. Dr.C.Sharmeela, Assistant Professor A.C.Tech Campus, Anna University and Mr.K.Saravanan, Assistant Professor, SRM University were the spokespersons for the event.



On a one day Guest Lecture in association with Renewable Energy Club

Dr.K.Elango and V.Bala, PG scholar published a paper titled 'Voltage Regulation of Non Linear Load using STATCOM with Fuzzy Technique' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, Impact Factor 4.438.

Dr.K.Elango and G.Geetha, PG scholar published a paper titled 'Fault Detection in Transmission Line by Magnitude and Phase Angle Extraction Based on Neuro-Fuzzy Approach' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, Impact Factor 4.438.

Dr.Arivalahan.R, Suganya B. S. published a paper titled 'Power Management of Hybrid Renewable System Integrated with Energy Storage System', in the International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.3, No.2, pp.123-128, February 2015.

Dr.Arivalahan R and Suganya.B.S, PG scholar published a paper titled 'Power Regulation and Energy Management of Hybrid System Using ANFIS Based Control', in the Proceedings of National Conference on the 'Recent Trends in Modern Electronics and its Applications', Jeppiar Institute of Technology, January 29nd and 30th, 2015, pp. 214-222.

Mr.G.Madhusudanan and V.Kaarthikeyan PG scholar published a paper titled 'Performance Analysis of DFIG Based Wind Energy Conversion System using Direct Power Controller' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Mr.G.Madhusudanan and D.Vidhya Sagar, PG scholar published a paper titled 'Enhancement of Reactive Power Capacity of a PV Grid in Smart Grid Applications' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Mr.S.Padmanabhaiyappan and SP.Arunkumar, PG scholar published a paper titled 'Power Flow Control of Grid connected PV system Using STATCOM' International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Mr.S.Padmanabhaiyappan and N.Muthukumar, PG scholar published a paper titled 'Voltage Control Strategy using SVC with Energy Storage' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Mr.G.Madhusudanan, Asst. Prof.(Sel. G) organized the Value Added Course on 'Electrical Energy Audit' for our students from 19.02.2015 to 06.03.2015.



A presentation by Mr.G.Madhusudanan on the occasion of Value Added Course

Mr.V.Sudhagar and PR.Manojprabu, PG scholar published a paper titled 'Enhancement of LVRT Capability of DFIG Wind Turbine by using Advanced Control Strategy' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Mr.T.Santhoshkumar and Jagadeeswari.G, PG scholar published a paper titled 'Damping of Power and Enhancement of Stability for a Large Offshore Wind Farm using a Rectifier Current Regulator' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Mr.T.Santhoshkumar and E.Priya, PG scholar published a paper titled 'A Fuzzy Controller for Optimum





EMERGE'15 - Technical Symposium Souvenir Release

The Department of EEE in association with IEEE Valliammai student branch organized a National Level Technical Symposium EMERGE'15 on 28<sup>th</sup> February 2015. Dr.K.Vijayakumar, Professor & Head, EEE Department, SRM University was the Chief Guest.

Power Flow in Doubly Fed Induction Generator Based Wind Energy Conversion Systems' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Ms.A.Anuradha and K.Dinesh, PG scholar published a paper titled 'Reactive Power Control Using STATCOM to Support AC Voltage under Unbalanced Sag' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Ms.N.Priya and C.M.Saranya, PG scholar published a paper titled 'Maximum Power Generation by Integrating Solar and Wind System using Fuzzy for Voltage Regulation in Smart Grid' in the International Journal of Science and Research, Volume 4, Issue 1, pp1205-1209, January 2015, IF: 4.438.

Dr.K.Elango & S.Surendar, PG scholar presented a paper titled 'SOLAR Based SHAF for Elimination of Harmonics with P-Q Method to Improve Power Quality' in the proceedings of International Conference on Science Technology Engineering & Management [ICONSTEM 2015 [THEME: - PEICE 2015 ] Jeppiaar Engineering College on 26<sup>th</sup> & 27<sup>th</sup> March 2015.

K.Natessamaran of third year participated in the State Level Chess Tournament on January 2015 and won second place in the merit list.

The students of III year; Aditya Kumar, Anusuruthi S, Gayathri C, Karthik P, Kokila V, Malini G, Maria Antony

Praveen Raja G and Mohanarangan R attended a workshop on 'Robotic Operating System' on 28.01.2015 and 29.01.2015 in the Anna University 'Kuruksheetra'.

The students of III year Aravindan V, Devendran S G and Kabilan P attended a Symposium in B.S.Abdur Rahman University on 29.01.2015.

K.V.S. Pown Prasath and R.Shobana of third year won third place in the event 'Circuit Debugging' in the National Level Technical Symposium conducted by the Society of Electrical and Electronics Engineers held on 3rd February 2015 in Easwari Engineering College.

R.Shobana of third year was the winner in TCS Marathon conducted on 8th February 2015.

## The Department of Electronics and Instrumentation Engineering

P.Srinivasan, and K.Harikrishnan of IV year, P.Bharani and B.Harishkumar of III year, S.Karthick and R.Vasudevan of II year were the winners in the Tamilnadu Inter Engineering Sports Meet held on 5<sup>th</sup>-10<sup>th</sup> February 2015 at Sai Ram Engineering College.

S.Karthick of II year secured the second place in the 'State Games for Chief Minister's Trophy' held on 23<sup>rd</sup>-25<sup>th</sup> January 2015 at N.P.R College of Engineering and Technology.



The Department in association with ISA VMEC student charter organized a Guest Lecture on 'Digital Signal Processing'

R.Nishant of II year attended the 'Personality Development Programme' on 20<sup>th</sup> & 21<sup>st</sup> February 2015 at Jawarharlal Nehru Stadium.

Ms.J.Anslin, M.E., II year, Mr.P.Tamilmani, A.P(SI.G) and Ms.D.Arputha, A.P presented a paper titled 'Health Monitoring of Industrial Pipelines using External Pipe Crawling Robot' in the National Conference on Recent Advances in Science, Engineering and Management, (NCRASEM-2015) held at Tagore Engineering College, Ch-127 on 20th March 2015.

Mr.C.Praveen Kumar, M.E., II year, Mrs.M.Shanthi, A.P and Mr.N.Sowrirajan, A.P presented a paper titled

### 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. Sheeba Manojh**, Asst. Prof. (O.G), Dept. of English  
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive

'Performance Evaluation Criteria of Various Controller for Heat Process' in the International Conference on 'The Recent Innovations in Engineering and Technology' held at Mahabarathi Engineering College, Chinnasalem on 13th & 14th February 2015.

Ms.K.S.Divya Varshini, M.E., II year, Ms.V.P.Sandya, A.P and Mrs.K.Rathna Priya, A.P , presented a paper titled 'AC-AC Resonant Boost Converter for Induction Heating Applications'.

Ms.C.N.Dhivya, M.E., II year, Mrs.V.Mangaiyarkarasi, A.P(S.G) and Mrs.Z.Jenifer, A.P presented a paper titled 'Design and Implementation of Electromagnetic Vibration Energy Harvester'.

Mr.J.Anslin, M.E., II year, Mr.P.Tamilmani, A.P(SI.G) and Mrs.D.Arputha, A.P presented a paper titled 'Wireless based External Pipe Crawling Robot'.

Ms.K.Lakshmi, M.E., II year, Dr.S.Visalakshi, Professor & Head and Mr. G.Shiva, A.P presented a paper titled 'A bidirectional AC/DC converter using PWM technique for grid tied Micro Grid System'

Ms.K.Chitra, M.E., II year, Dr.Andy Srinivasan, Professor and Ms.V.Vijayalakshmi, A.P presented a paper titled 'Modeling and Control of Non Linear Multivariable System using Optimization Techniques' in the 2nd International Conference on Green Technologies for Power Generation, Communication & Instrumentation (ICGPC-2015) held at St. Peters University Avadi, Chennai-54 on 26th & 27th Feb. 15.

Ms.K.Chitra, M.E., II year, Dr.Andy Srinivasan, Professor and Ms.V.Vijayalakshmi, A.P published a paper titled 'PID Controller Tuning in Reverse Osmosis System based on Particle Swarm Optimization' in the International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 3, Issue 3, Mar. 2015.

Ms.K.Chitra, Ms.M.Ramya Princess and Mr.B.Prabhu M.E., II year, published a journal titled 'Design and Control of Ideal Decoupler for Boiler Turbine System' in the International Journal of Science and Research (IJSR), Vol. 4, Issue 3, Mar. 2015.

Ms.M.Ramya Princess, Ms.K.Chitra and Mr.B.Prabhu M.E., II year, published a journal titled 'Self Security Alert System Using Wireless Sensor Network' in the International Journal of Engineering Research and Reviews Vol. 3, Issue 1, pp: 145-150, Month: Jan. - Mar. 2015.

Ms.K.Lakshmi, Ms.J.Anslin and Ms. K.S Dhivya Varshini M.E., II year, published a paper titled 'Habitat Monitoring and Power Conservation Using Thermopile Sensor' in the International Journal of Science & Technology, Vol. 3, Issue 3, Mar. 2015.

Mrs.S.C.Prasanna, A.P (SI.G) presented a paper titled 'Universal Programmable Modulator Architecture for Software Defined Radio' in the 2nd International Conference Engineering, Technology & Science held at Muthayammal College of Engineering, Rasipuram, Namakkal Dt. on 5th & 6th March 2015.

Ms.S.Vanila A.P(S.G) conducted a one day workshop on 'Programming in Microcontroller' in Karpaga Vinayaka Institute of Technology on 31.01.15.

Dr. S.Visalakshi, Professor and Head published Lecture notes titled 'PSO Based Social Welfare Maximization of Wind Thermal Coordinated System in a Deregulated Power Market', Power Electronics and Renewable Energy Systems, Lecture notes in Electrical Engineering, 326, Springer India 2015.



The Department in association with ISA VMEC Student Charter organized a workshop on 'Calibration of Instruments'

The Department in association with ISA VMEC student charter organized a Guest Lecture on 'Digital Signal Processing' on 25.03.14 by Dr.A.Rathnam, Assistant Professor (SI.G), Dept. of EEE, SRM University.

The Department in association with ISA VMEC Student Charter organized a Guest Lecture on 'Analytical Instrumentation' on 21.01.15 by Mr. Shajahan Yacob, Technical Director at ALJANNA SYSTEMS.

The Department in association with ISA VMEC Student Charter organized a workshop on 'Calibration of Instruments' on 26.02.15 by Mr.N.Krishnamurthy, Chief Executive Officer, Plant Control and Automation Technologies, Chennai.

## The Department of Computer Applications

A Guest Lecture titled 'Sixth Sense Technology' was organized on 31.01.2015. Dr. E. George Dharma Prakash Raj, Associate Professor, School of Computer Science and Engineering, Bharathidasan University delivered the Lecture.





Dr. E. George Dharma Prakash Raj, Associate Professor, School of Computer Science and Engineering, Bharathidasan University delivering his Lecture

An Expert Lecture was organized on 'The Recent Trends in Cloud Computing' in association with Computer Society of India(CSI). Dr. Latha Tamilselvan, Professor & Head, Department of Information Technology, B.S.Abdur Rahman University delivered the Lecture.



Dr. Latha Tamilselvan, Professor & Head, Department of Information Technology, B.S.Abdur Rahman University delivering her Lecture



The Dignitaries of the Symposium

A National Level Technical Symposium XploITs2K15 & Colosium2K15 was jointly organized by the Department of Information Technology & Department of Computer Applications on 28.02.2015.

The Inaugural address was delivered by the Chief Guest Shri Govindarajan Krishnan, Principal Consultant, Tata Consultancy Services (TCS) and gave an insight about the present trends in the Software Fields like SCAM. The Presidential address was delivered by Dr M Murugan, Vice Principal, Valliammai Engineering College. Events such as Paper Presentation, Debugging, Mock Interview, Web Designing and Talent Hunt were conducted. Prizes and cash awards were distributed to the winners.



Value Added Course on Image Processing

A Value Added Course on 'Image Processing' was conducted during 16th February 2015 and 27th March 2015. Mr. N. Leo Bright Tennisson, AP(O.G) acted as the Course Coordinator and offered the course. 57 candidates registered and attended the course.

Mr. R. Prince Jeyaseelan James, Assistant Professor(Sen.G) attended a 5 day Faculty Training Programme (FTP) on 'Database Design and Programming with SQL' organized and conducted by ICTACT at B.S. Abdur Rehman University from 16.03.2015 to 20.03.2015.

## The Department of Mechanical Engineering



The Director, VEC, The Chief Guest and HOD in the Symposium Meqzn015

The Mechanical Engineering Department conducted the following.

An Automobile Workshop was organized on the Design of Automobiles with the Volvo Bus by the experts from VOLVO on 26/02/15.

The Symposium "Meqzn015 was organized on 28/02/15.

A CNC Machining Workshop was conducted on 27/03/15 by the experts from M/S MTAB

A Guest Lecture was conducted on 30/03/15 by Dr.G.Venkatesan, Scientist E from NIOT on Technology used for desalination of saline water.





On the occasion of Staff Industrial Visit to Ambattur

10 Staff of our Dept. visited Dr.Ambedkar National Productivity Council New Delhi's Chennai Chapter at Ambattur on 21/04/15. The Chapter deals with the Energy Management Systems which was very useful to the visitors.

Project Expo was organized on 31.03.2015 for the Final year students. The following projects won prizes.

I Prize: 'Reusable Sand Power Generation'. Mr.B.Rajees Ahamed, Mr.S.Selva Suriyan, Mr.K.Shabeer Khan, Mr.K.Vignesh Kumar were the Team Members. Dr.P.Mathivanan was the Guide.

II Prize: 'Experimental Evaluation of Hybrid Synthetic Composite Material'. The Team members were Mr.S.Anandha Raja, Mr.M.Antony Clinton, Mr.V.R.Bharath and Mr.M.Elaventhana. The project was guided by Mr.P.Ramu.

III Prize: 'Recycling Plastic Waste into Synthetic Fuel'. The project was carried out by Mr.G.Krishna Kumar, Mr.R.Manikandan, Mr.M.Monish, Mr.S.Nithin and guided by Mr.A.Vinoth Kumar.

### Papers presented in the National Conference on Emerging Trends in Mechanical Engineering.

Mr.K.Shabeer Khan, Mr.S.Selva Suriyan, Mr.K.VigneshKumar, Mr.Rajees Ahamed presented a paper on 'Design and Development of Reusable Sand Power Generation'.

Mr.Farooque Ahmed, Mr.R.Chandrasekar.M presented a paper on 'Design and Analysis on Modified Clutch Mechanism'.

Mr.K.Kalaiselvan presented a paper on 'Study of Welding Parameters to Control the Weld Bead Characteristics in Plasma Transferred Arc Powder Deposition System'.

Mr.Selvakumar.S, Mr.Branesh Nayagam.S presented a paper on the 'Performance Study and Improvement of 50MW Boiler Efficiency'.

Mr.Surya.M and Mr.Manoj Kumar.M.E presented a paper on 'Design and Analysis of Supersonic Inlet'.

Mr.Vignesh.M and Mr.Vidhyasagar.R presented a paper on 'Solar Air Dryer Systems: use of Sun Trackers to Control Parabolic Solar Collector'.

Mr.S.Jagan Raj, and Mr.R.Vijayakumar presented a paper on 'Design and Fabrication of Windmill Using Cheaper Materials'.

### The Department of Management Studies

ED Cell Valliammai Engineering College in association with the Centre for Entrepreneurship Development Anna University, Millennium Alliance and FICCI conducted the 'Innovation Workshop and Roadshow' on 17.02.2015. 5 Students from different departments of our College participated in the event.

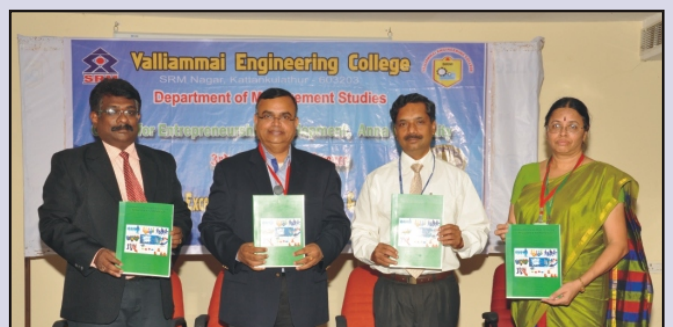
A Guest Lecture was delivered by Prof. Swami Buddhanand, Founder, and People's Movement on 2.1.2015 for the First Year MBA Students on 'Scientific Management'.



An inspiring speech by Prof. Swami Buddhanand on 'Scientific Management'

A Guest Lecture was delivered by Dr. K. Kalaiarasu, Industrial Consultant on 16.03.2015 on 'World Class Manufacturing' for First year MBA Students, focusing on the emerging trends in the manufacturing sector.

**A National Level Conference 'Driving NextGen Excellence: Entrepreneurship and Business Management' organized on 24th April 2015 by the Department of Management Studies. Research Papers were invited in the areas of Entrepreneurship and Business Management. 80 Papers from 105 authors were received and the papers are published in ISSN International Journal. Mr.Vaidhyathan Venkatraman, Principal & Head (Accounting) Morgan Stanley, Capgemini inaugurated the conference.**



On the occasion of release of National Conference Journal





Awareness training programme on Usage of Laptop Computers

A training program was organized on the 'Usage of Laptop Computers' for the benefit of Elementary School students of Government Girls' Higher Secondary School, Guduvanchery on 08.04.15. The Program was intended for creating an awareness among the students on the use of laptops. A Quiz competition was also conducted and the winners were given prizes.

A Guest Lecture was delivered by Mr. G. Rajkumar, Senior Consultant, Tata Consultancy Services, Chennai on 28.02.2015 on 'Traders Requirements on Business Excellence & Entrepreneurship - Need of the Hour' for the First Year MBA Students. The session focused on Entrepreneurship Development and the Challenges.

## The Department of English



On the Inauguration of Burke Club

Eclectic Lingua, the English Literary Association has extended its new wing to cater to the needs of the students in developing their oratorical skills. Burke Club was inaugurated by Dr.P.M.Usha Rani, Head and Department of English, B.S.Abdur Rahman University on 25th Feb 2015. The second and the third sessions of the competitions were held on 18th March and 8th April respectively. Mrs.J.Padmini, Head and Department of Management Studies and Mrs.J.J.Monica Paul, Head and Department of Placement were the judges of the competitions.



Essay Competition Winners

21 Students from the I year participated in the 'Make in India: Zero Defect'- Essay Competition conducted by the National Productivity Council and the following students won cash awards of Rs.1,500/-each. They are Swetha Lakshmi.B, EIE, Vijayabharathi.V, EEE, Srinath.V, CSE, Shreejith.M, MECH, Aswitha.V.J, IT, Fathima Nazreena.R, IT, Laavanya.V.B, IT and Hemanathan.R, IT.

Mr.N.Lakshmana Perumal participated in a one day Workshop on 'Quality Assurance & Sponsored Research' at B.S.Abdur Rahman University on 7th March 2015.

Mrs.V.Jayanthi presented a paper on the 'Struggle for Identity in Roman Basus Outcast and Bonomali Coswami's Untouchables' at the Benvonuto 2015-National Level Seminar on 27th & 28th Jan 2015 conducted by Sri Akilandeswari Women's College, Vandiwash.

In the 8th National Conference on 'Methods and Outcomes of Research in English' held on 30 and 31st March 2015 at SRM University. Mrs.M.Chithra presented a paper on 'The New Techniques & Practices that can Enhance the Quality of ELT'. Mrs.R.Geetha presented a paper on 'The New Trends & Methods in ELT-Distortion of Ambiguity in Communication'.

In the National Conference on 'Raising Standards in the Language Teaching and Communication Science' held at MEPCO SCHLENK Engineering College, Sivakasi on 7th Feb, 2015. Mrs.Sheeba Manodh presented a paper entitled 'Reaching out: Early Diagnostic Assessment in order to make English Language Learning an Easy Process'. Ms.M.S.Shyamala presented a paper on 'The Role of Language on Globalization'. Mrs.J.Jabeela Shirlin presented a paper on 'An Analytical view on Learning VLT (Vocabulary Learning Techniques)'.

## The Department of Physics

Dr.S.Karthikeyan, A.P [Sel.G] presented a paper in the National Conference entitled 'The Study of Characterization of Commercial Drug using FTIR, XRD and TGA Techniques' and Dr.K.Sarojini, A.P [Sr.G],

presented a research paper on the 'National Conference on Advanced Materials' and its applications held on 29th & 30th January 2015 at the Hindustan University, Chennai.



Guest Lecture by Dr.R. Mohan Kumar, Presidency College

Dr.M.Anbuechziyan, A.P [Sel.G], participated in the International Conference on Nanoscience and Nanotechnology [ICONN 2015] organized by the Department of Physics and Nanotechnology, SRM University during 04-06, February 2015.

Mrs.D.Praveena A.P [O.G], attended a one day workshop on 'Emerging Applications of Laser Technology in Manufacturing' on 13th February 2015 organised by VIT, Vellore.

Mrs.S.Gandhimathi, A.P [O.G], attended the National Conference on 'The Recent Trends in Physics of Materials [NCRTPM-2015] on February 28, 2015 organized by the Post Graduate and Research, Department of Physics, Pachaiyappas College, Chennai.

Guest lecture was delivered by Dr.R.Mohan Kumar, Assistant Professor, Dept. of Physics, Presidency College, Chennai on 'Synthesis and Characterization of Nanomaterials' on 5<sup>th</sup> March 2015.



Dr.M.Anbuechziyan. Judge for paper presentation in Sri Sairam Engineering College

Dr.M.Anbuechziyan, A.P [Sel.G], had been the judge for a paper presentation session [Physics] in the 15th State Level Symposium, Convergence 2015 on 19th

March 2015 organized by the Department of Humanities and Sciences, Sri Sairam Engineering College, Chennai.

Ph.D was awarded to Ms.K.Sarojini, A.P [Sr.G], by the Bharathiar University, Coimbatore on February 10th, 2015.

## The Department of Mathematics

Dr. P. Balachandran (HoD) and A.Karpagam AP(OG) published a paper 'New Tactic for Finding Irrelevant Constraints in Linear Programming Problem', in the International Journal of Scientific and Engineering Research, Vol. 6, Issue.3, March (2015), 66 - 69.

Dr. A. Elumalai, published a paper on 'The Middle Edge Domination of Complete Bipartite Graph' in the National Journal of Jamal Academic Research Journal-(2015), 521-523.

Dr. A. Elumalai, published a paper on the 'Graceful Labeling of Arbitrary Super subdivision of Grid Graph and Cyclic Snake' in the International Journal of Scientific and Engineering Research, Vol.6, Issue.3, (2015), 1-5.

Dr. A. Elumalai, published a paper on 'Edge Domination Number of Jump Graph' in the International Journal of Scientific and Engineering Research, Vol. 6, Issue.3, (2015), 100-102.

Dr. A. Elumalai, published a paper on 'A Super Edge Anti-Magic Total Labeling of the Cycle with Chords' in the International Journal of Scientific and Engineering Research, Vol. 6, Issue.3, (2015), 97-99.

A one day Guest Lecture on 'Probability and Queueing Theory' was organized on 25th February 2015. Prof.P.Sivarama Krishna Das, Professor and Head, Department of Mathematics, KCG College of Engineering and Technology delivered a talk.

## The Department of Chemistry

Dr. L. Devaraj Stephen, AP/Chemistry, authored a book titled 'Engineering Chemistry-II' by VRB Publishers.

Dr. L. Devaraj Stephen, AP and Mr.V.Arivalagan, AP, authored a book titled 'Engineering Chemistry-II' by CARS Publishers.

Dr. L. Devaraj Stephen published a paper entitled "Differential Cocrystallisation Behaviour of Isomeric Pyridine Carboxamides toward Antitubercular Drug Pyrazinoic Acid" in the International Journal, 'Crystal Growth & Design (ACS, USA)' Vol. No. 15 (2) pp. 858-866, year 2015.

Mr. N. Jayaprakash, Assistant Professor has submitted his PhD Synopsis to the University of Madras. He has also published part of his research work in the



International Journal, 'Journal of Material Science and Engineering'.

The Department of Chemistry & Physics conducted a 'Quiz Competition' under the auspices of Physical Science Club, Resonance 2015 on 2<sup>nd</sup> Feb. 2015.

Mr. N. Jayaprakash, presented a paper in the International Conference on 'Energy-Water and Environmental Science & Technology' on Feb 5th and 6th, 2015. at the Presidency College, Chennai.

## The Department of Library

Mrs. P.Vanathi, Assistant Librarian, Mr.N.Chidambaranathan Assistant Librarian, Dr. B. Balamurugan Librarian presented a paper in the UGC Sponsored National Seminar on 'RFID and Smart Card Technologies and 'Enhancing the Role of Digital Libraries in Engineering College held at DRBCCC Hindu College, Pattabiram, Chennai on 7<sup>th</sup> March 2015.

## Department of Physical Education

Our College Ball Badminton Team won First Place in Tamil Nadu Inter Engineering Sports 2015 organised by Sri Sai Ram Engineering College on 9<sup>th</sup> February 2015.



The Winners - TIES 2015

## Youth Red Cross

An Oratorical Competition on "SWACHH BHARATH" was conducted on 13<sup>th</sup> Feb. 2015 Friday and 8 students were awarded prizes.

## The Department of Placement and Career Guidance

Department of Placement and Career Guidance organized 'Learning Enhancement Program' on 21<sup>st</sup> January 2015. The resource person of this program was Dr.K.Kesavasamy, Head of TCS Academic Interface Program. The participants were students from various departments.



The Director receives Dr.K.Kesavasamy and Dr.A.K.Pattabiraman

Department of Placement and Career Guidance organized the first National Seminar METIHER'15 on 20th March, 2015. A total number of 250 participants from different colleges attended, the program. The resource persons were reputed HRs from several giant companies.



One among the Dignitary of National Seminar MetiHer '15 explaining students' doubt



HRs from various corporate addressing the participants from various colleges

Mrs.J.J.MonicaPaul presented a paper titled "Integration of LSRW-A Tool to Succeed in the Professional World" in the 8th National Conference on 'Methods and Outcomes of Research in English' held on March 30 & 31 2015 at SRM University.

On 5<sup>th</sup> February 2015 Department of Placement and Career Guidance along with EHELIUM organized IEEE Swebok certification program for students of various departments.

All the Faculties of Department of Placement and Career Guidance conducted a Value Added Course on CSAT Training. 31 students & 3 staff were benefitted.

Mrs.M.Aarthi presented a paper titled 'Newspaper: A Text for all Seasons and all Reasons' in the International Conference, on English Language: 'Developing Employability Skills of College Graduates held on January 30 & 31 2015 at VIT University, Vellore.

Mrs.S.R.Preethi published a paper titled 'Adaptive Denoising Technique for Colour Images' in the International Journal of Research in Engineering and Technology on March 2015 (ISSN No 2321-7308).





## NSS

The Republic Day was celebrated on 26th January 2015. The welcome address was delivered by C. Ashwin Kumar of II B.E-EEE-1. The Vice-Principal garlanded the portrait of Pandit Jawaharlal Nehru. The Principal garlanded the portrait of Mahatma Gandhi and hoisted the National flag.



Then the National Integration song was sung by V.Akshaya of II-B.E-ECE-1. It was followed by a speech on the importance of Republic Day by M.Abirami I B.E-CSE-1. Next a skit on "Youth Politics" was performed by the first year Volunteers. Then A. Bhuvaneshwari of I B.E EEE-1 delivered an inspiring talk in Tamil on Dr. B.R. Ambedkar. Next the second year Volunteers enacted a play on "Women Harassment".

Next R. Sathish Kumar of II B.E-EEE-2 delivered a speech on the right and importance of getting enrolled as elector. The programme was concluded by the Voters' Pledge in Tamil and the Vote of Thanks by the NSS Programme Officer.



### Seminar

C. Ashwin Kumar of II B.E.EEE-1 participated in a one day Seminar on the Coastal Zone Degradation in the Coastal Regions of Tamilnadu held on 31.01.2015 at YD Hall, Loyola College, Chennai 600 034 organized by the Ministry of Earth Sciences, Govt. of India.

### Parade

S.Kayalvizhi of II B.Tech- IT- 2 participated in the state NSS Republic Day Parade Camp held at Sports and Development Authority of TamilNadu Tennis Stadium, Nungambakkam, Chennai from 16.01.2015 to 27.01.2015.

### Road Safety Awareness Programme

The NSS Cell organized a rally to create an awareness on the road safety in the market area and GST road in Guduvancheri. Mr. S. Parthasarathy, NSS Programme Officer steered the rally through the important places in the market where the 58 NSS Volunteers raised slogans. The procession finally reached the GST road signal where the Volunteers involved them serving in regulating the traffic.

### Polio Awareness Programme

The NSS Cell organized a rally at Maraimalai Nagar to create polio awareness. Mr.S.Parthasarathy, NSS Programme Officer steered the rally

through the important places where about 43 NSS Volunteers went around and raised slogans. The procession finally reached Maraimalai Nagar.



### Personality Development Camp

Tamilnadu NSS Team, Ministry of Youth Affairs and Sports, and Directorate of Collegiate Education organized a Personality Development Programme for youngsters on 20.02.2015 at Jawaharlal Nehru Indoor Stadium. It was staged in the presence of Honorable Income Tax Minister R.P Udhayakumar. Around 1000 Students from 99 Colleges of various Universities participated in the camp. 20 NSS Volunteers from Valliammai Engineering College performed a street play on 'The Misuse of Mobile phones' and won the First Prize of Rs.1,00,000/-.



### The Special Camp at Kannivakkam

The NSS Cell conducted the special camp on the theme 'Youth for Rural Reconstruction' from 25.03.2015 to 31.03.2015 at Kannivakkam village. Fifty NSS Volunteers participated in the camp. The camp included Survey at day one. The day two comprised Inaugural function along with the special camp on "Sukanya Samridhi Account & RPLI". On that occasion, Lion K.S Ravi, the Chief Guest and the village President, Lion.M. Tamilselvan, Dr. M. Murgan, Vice-Principal and Mr. S.Parthasarathy, Programme Officer were present. The Tree Plantation in Pandoor, Kannivakkam, Ambedkar Nagar, Anna Nagar & Tharkas Nagar were done. The day four was for the adult villagers' games that included pot breaking, running race for the men and cooking and lucky draw for the female villagers. Sports events were held on day five for children. The next day the Women Safety Awareness Programme was Organized. It was followed by the self-employment skills which included paper ornaments making, phenyl & Incense stick preparation and plastic basket making. On the seventh day the Valedictory Function was organized. Lion K.S.Ravi, Village President, Dr. M Murgan, Vice-Principal, Lion M. Tamilselvan, Dr. A. Ubaiah Rahman, G. Ramesh, Senior Engineer Systems of the DECCAN CHRONICLE and The postal officials of Chengalpattu Division were Present. The programme was anchored by the NSS Programme Officer S.Parthasarathy. Prizes were distributed to the winners for their participation in sports and games. The "Sukanya Samridhi Account" passbooks were also distributed to 115 registered female children.

