



# Valliammai Engineering College

SRM Nagar, Kattankulathur - 603 203,  
Email : [srmvec@valliammai.co.in](mailto:srmvec@valliammai.co.in)  
Website : [www.valliammai.co.in](http://www.valliammai.co.in)

# VEC NEWS

[Quarterly]

Vol. 5 No. 4

Oct. - Dec. 2016

## Sports Achievements



College Ball Badminton Team (Men) secured First Place in Anna University Zone IV Tournament

- VEC students won 12 Gold medals and 2 silver medals in Anna University Zonal-IV Athletic championship 2016-17.
- Winner of gold medals in 10,000 mts, Javelin (Women), and Triple Jump (Men) in Anna University Zonal Athletics meet.
- College Ball Badminton Team(Men)secured First Place(sixth consecutive winner) in Anna University Zone IV tournament.
- Our Cricket Team won First Place in Anna University Zone IV tournament.
- The Ball Badminton Team(Women)won First Place in Anna University Zone IV Ball Badminton tournament.
- VEC Basketball Team won First Place in Anna University Zone IV tournament.
- Dr.M.C.Ganagadharan, DPED, Mr.S.Karthik, III Year EIE and Mr.B.Harish Kumar, IV Year EIE were received Anna University Annual Sports Award (cash prize) for the year 2015-16 on 07.09.2016 at Anna University Chennai.
- College basketball team participated in Inter-Zone competition held at Kumarasamy College of Engineering ,Karur.
- The cricket team participated in Inter-Zone competition held at J.J.College of Engineering ,Trichy.
- VEC athlete members participated in Zonal competitions like 400\*100 meters relay, 200 meter, and 100 meter running race.
- Sports team participated in Taekwondo (a Korean martial art) held at Mailam Engineering College.

## Tamil Mandram



Our College students participated in the program 'Karuthu-Kalam' organized by Pothigai TV on 22.10.2016

S.Santhosh, Dept of EIE, Final Year, won the First prize, S.Farzana Begaum, Dept of CSE -III Year won the second prize in the District Level Poetry competition conducted by the Gurunanak College and Kalam Sindhanai Peravai for the World Student's Day (Abdul Kalam's birthday) and received a cash award of Rs.2,000/- and Rs.1,500/- respectively.

K.Kanagaraj III Year Dept of Civil has been elected as students' Vice Chairman of Paarivendhar Tamil Mandram, a division of SRM University -Tamil Academy.

Vanakkam Malaysia Radio Station, ASRO Vanavil Television in association with the SRM University organized an elocution competition for the students of International Higher Education at Dr.T.P.Ganesan auditorium on 17.12.2016.

Our students of Paarivendhar Tamil Association performed a cultural Program for the above event and Ms.R.Mathivathana, third year EEE department, won 3<sup>rd</sup> runner up place in the elocution competition. She was awarded Rs.15,000/- cash prize, rolling trophy and appreciation certificate.

Tamil Development organization conducted a District Level Speech, Essay Writing and Poetry Competitions for college students on 23.12. 2016 and Ms.V.Vijayabharathi, Dept of EEE Third year, won First Prize in Poetry Competition and received a cash prize of Rs.10,000/-.

Following students participated in the debate show ('Karuthukalam') organized by the Podhigai Television on

22.10.16 and it was telecast on 26.11.16; K.Kanagaraj Civil, J.Logesh - Civil, L.SathishKanna - Civil, J.Prakash - Civil, V.Ramesh Aravinth - Civil and M.Kumaravel - Civil.



R.Mathivathana, III Year EEE secured 3<sup>rd</sup> place (Rs.15,000) in the International Tamil Speech Competition organized by SRM University and Malaysian TV channels (Astro Malaysia & Vanakkam Malaysia) on 17.12.2016



V.Vijaya Bharathi, III Year EEE secured 1<sup>st</sup> Place (Rs.10,000) in Tamil Poet Competition organized by the Tamil Development Department, TN Govt. On 23.12.2016.

## Department of Civil Engineering



Lecture on 'Fixed Beam'

The Dept of Civil Engineering organized a Faculty Development Programme on the 'Strength of Materials' from 21<sup>st</sup> to 22<sup>nd</sup> November 2016. The internal expert members of VEC delivered the lectures for all the sessions.

The Dept of Civil Engineering organized a Faculty Development Programme on the 'Design of Steel Structures' from 24<sup>th</sup> to 25<sup>th</sup> November 2016. Dr.S.Senthil Selvan, Professor, SRM University delivered a lecture on 'Beams' and shared his wide knowledge and experience on Steel Structures.

Mr.E.S. Dinesh Babu, A.P. attended a Faculty Development Program on the 'Applied Hydraulic Engineering' for a period of seven days at Sree Sastha Institute of Engineering and Technology from 05.12.2016 to 12.12.2016.

## Department of Computer Science and Engineering

Ms.S.Dhivya (PG student) and Mr. G. Kumaresan published a paper on 'A Contemplate on security and privacy of Electronic Health Records' in the International Journal for scientific Research & Development, Vol:4, Issue.09, E-ISSN:2321-0613, pp: 391-393, 2016.

Mr.R.Vignesh (PG student) and Dr.A.Samydurai, Asso. Prof., published a paper on 'A Survey on IoT System



FDP - Multimedia Compression and Communication

for Monitoring Solar Panel' in the International Journal for Scientific Development and Research, Vol: 1, Issue.11, E-ISSN:2455-2631, pp: 113-114,2016.

Mr.G.Kumaresan, Dr.A.Samydurai, R.Vignesh (PG student) and S.Dhivya (PG student) published a paper on 'Fun Ride Applications for like Based in Cloud and Big Data' in the Middle -East Journal of Scientific Research, Vol: 24, Issue.10, E-ISSN:1990-6233, pp: 3139-3143, 2016.

Ms.D.Kavitha, A.P. and R.Vignesh (PG student) published a paper on 'A Recommendation System with Spam Reduction Based on Clustering with on Demand Service' in the International Journal of Engineering and Technology, Vol:3,Issue.11, E-ISSN:2395-0056, Nov 2016.

Dr.B.Muthusenthil, A.P., published a paper on 'Vehicle Monitoring using WSN with Improved NLT: A Survey' in the International Journal for Scientific Research & Development, Vol: 4, Issue 9, E-ISSN: 2321-0613, Nov 2016.

Dr.A.Samydurai, Asso. Prof., participated in the National Cyber Defence Summit'16 held on 30<sup>th</sup> Sep & 1<sup>st</sup> Oct, 2016 at Anna University, Chennai.



SDTP Programming in JAVA

Mr.G.Kumaresan, A.P. and Dr.B.Muthusenthil, A.P. participated in a 2 day (26.11.16 and 27.11.16) hands-on IoT Boot Camp organized by Vmoksha Technologies Pvt. Ltd.

Ms.C.Pabitha, A.P. successfully completed the 'Certificate Course on the Effective Patent Drafting (PATDRAFT)' conducted jointly by the Centre for Intellectual Property Rights (CIPR), Anna University, Chennai & Tamil Nadu Technology Development and Promotion Centre (TNTDPC) of Confederation of Indian Industry(CII), Chennai held between 09-13 November 2016 at Chennai.

Mr. M. Nagarajan, Programmer attended the workshop on 'Big Data Analytics' held on 1<sup>st</sup> and 2<sup>nd</sup> December at Prathyusha Engineering College.

Mr.B.Muthusenthil, A.P. Successfully defended his Ph.D. Thesis on 27.10.2016 and received his Provisional Certificate.

Dr.B.Vanathi, Prof. & HOD and Dr.A.Samydurai, Asso. Prof., contributed as session Chairs in the IEEE Madras Section Students' Paper Contest 2016 (SPC 2016) held at VelTech University Campus during 21<sup>st</sup>-22<sup>nd</sup> October, 2016.

An FDP was conducted on the 'Human Computer Interaction' in association with the Computer Society of India on 24<sup>th</sup> and 25<sup>th</sup> November 2016. Mr.Pranav Venkatachalam, CTS, Chennai, Mr. Pavan Kumar Tulasi, CTS, Chennai and Mr. Jitendran Subburaj, HCL, Chennai were the Resource Persons.

Mr.G.Kumaresan, A.P. and Mr.Leo Bright Tennison, A.P. handled session in the two day Faculty Development Programme on Multimedia Compression and Communication held on 22<sup>nd</sup> to 23<sup>rd</sup> November 2013 organized by the Dept. of Electronics and Communication Engineering.

A one day Staff Development Programme 'Programming in Java' was organized on 21<sup>st</sup> December 2016 for the Non-Teaching Staff.

## Department of Electrical and Electronics Engineering

A two day FDP was conducted on the 'Discrete Time Systems and Signal Processing' on 10<sup>th</sup> and 11<sup>th</sup> Nov. 2016, in which Dr.G.Udhayakumar, A.P., Dr.R.Arivalahan, Asso. Prof., Ms.S.Subbulakshmi, A.P. and Mr.K.Sanjay, A.P. delivered lectures.

A two day FDP was conducted on the 'Electric Machines-I' on 14<sup>th</sup> and 15<sup>th</sup> Nov. 2016 where Dr.R.Arivalahan, A.P, Mr.G.Madhusudanan,A.P, Mr.V.Sudhagar, A.P and Dr.R.Jayaprakash, Asso. Prof., VIT Campus delivered lectures.

A one day Staff Development Programme on the 'Measurement and Calibration of General Instruments' was conducted on 17<sup>th</sup> Nov. 2016. Mr.S.Veeramani and



Expert Lecture given by Mr.M.KamalaKannan in Faculty Development Programme in 'CADEA'



Ms.R.Madhivadhana of III year EEE 1, the third runner up in the International Tamil Elocution Competition

Mr.A.Ansari, Service Engineers, Dept. of EIE, SRM University were the Resource Persons.

A two day FDP was conducted on the 'Solid State Devices' on 23<sup>rd</sup> and 24<sup>th</sup> Nov. 2016. Ms.J.Pratheebha, A.P. and Ms.V.Kalaiarasi, A.P. delivered lectures.

A two day FDP was conducted on the 'Computer Aided Design of Electrical Apparatus' on 19<sup>th</sup> and 20<sup>th</sup> December 2016. Ms.A.Anuradha, A.P. and Mr.M.Kamalakaran, A.P. delivered lectures.

The Faculty members went on an Industrial visit to 'Pantech Prolabs India' on 24<sup>th</sup> December 2016.

## Department of Electronics and Communication Engineering



FDP on 'Electro Magnetic Field' held on 7<sup>th</sup> to 9<sup>th</sup> November 2016

Capgemini Software Solutions conducted their Campus Recruitment on 13<sup>th</sup> & 14<sup>th</sup> Oct. 2016 with a salary package of 3.5 Lakh per annum. Eventually, 12 Students got placed in this Software Solutions.

The Faculty members went for an Industrial Visit on 'The significance of Internet of Things (IoT)' at Nimble Wireless Private Ltd. on 19.11.2016.

Final Year ECE-II students went on an Industrial visit on 'Cognitive Radio and its Applications' to All India Radio Channel, Chennai on 21.10.2016.



Industrial visit on 'Cognitive Radio and its Applications' to All India Radio Channel, Chennai on 21.10.2016

On A P J Abdul Kalam's birthday, 'Parivendhar Tamil Mandram' conducted Tamil Speech Competition for the students in October 2016 and followed by the celebration of National Youth Rise Day. Dr.Komala James Professor & Head was the judge for the programme.

Mr.Saravana Kumar.C, A.P, attended the ISF Coordinators meeting at IETE Chennai Center on 7<sup>th</sup> Oct. 2016.

Mr.Saravana Kumar.C, A.P. and Ms.N.Subhashini, A.P. participated in the one day workshop on 'Research Technology' organized by Kings Engineering College in association with CSI, SAE, ISME, and IETE on 03.12.2016.

Mr.Seenivasan.M.A., A.P. attended an FDP on Antenna Design and Measurement Techniques during 01.12.2016-03.12.2016 organized by the IEEE Madras Section & IEEE Student Branch at SSN College of Engineering, Chennai.

Mr.Rajesh.N, A.P. presented on the 'Vivaldi antenna design and measurement' in the Faculty Development Programme on 01.12.2016 organized by the IEEE Madras Section & IEEE Student Branch at SSN College of Engineering, Chennai.

Carmel Vicy.G and Chithra.A had undergone an In-plant Training and completed the Mini Project on the 'Differential Analysis of Temperature in ICU' at the National Small Industries Corporation Limited-Technical Services Center, Ekkaduthangal, Chennai for a period of one week from 05.12.2016 to 10.12.2016.

Mr. Dhananjeyan.R, Mr.Saravanan.G, Mr.Anbarasan.A, Ms.Suganya.A, Ms.Abirami.S, Ms.Surabhi.S the newly joined A.Ps of ECE Dept attended the 'Orientation Program' on 28.11.2016 & 29.11.2016 at our Campus.

Dr. Komala James, Professor & Head delivered a lecture on the 'Outcome Based Education' for the newly joined Faculty members of VEC on 29.11.2016. She focused on various topics like Course Outcomes, Program Outcomes,

Programme Specific Outcomes, and Programme Educational Outcomes with respect to NBA.

Faculty Development Programme on 'Electromagnetic Fields' was organised by Dr.N.Usha Bhanu, Asso. Prof. during 07.11.2016- 09.11.16 for the Faculty members of ECE Dept. Dr. Usha Bhanu.N, Asso. Prof., Dr.S.Ramesh, Asso. Prof., Dr.C.Amali, A.P. delivered technical talks on different topics.

Faculty Development Programme on 'Multimedia Compression and Communication' was coordinated by Mr.D.Murugesan, A.P. during 22.11.2016- 23.11.16 for the Faculty members of ECE Dept. Dr.N.Usha Bhanu, Asso. Prof., Mr.G.Kumaresan, A.P.-CSE, Mr.N.Leo Bright Tennison, A.P.-CSE delivered technical talks on different trends.



Beneficiaries of the FDP organised by the Department

Dr.S.Ramesh, Asso. Prof., N.Subhashini, A.P., Mr.N.Rajesh, A.P., delivered technical lectures in the Faculty Development Programme on 'Antenna and Wave Propagation' coordinated by Mr.N.Rajesh, A.P. during 28.11.2016- 29.11.16 for the Faculty Members of ECE Dept.

A Skill Development Programme on the 'Features of Microsoft Excel' was conducted on 25<sup>th</sup> Nov. 2016. Mr.M.Nagarajan, Programmer, presented a lecture on the features of Microsoft Excel and Word, their shortcuts. 28 Non-Teaching Staff from various departments attended the Skill Development Programme and got an exposure on Microsoft Excel.

Mr. S. Mari Rajan, A.P., delivered a Tech Talk on the 'Full-Duplex Gigabit Indoor Optical Wireless Communication system with CAP Modulation' on 07.10.16. The talk proposed an indoor optical wireless communication system with over 1-Gb/s data transmission, for both downlink and uplink.

Mr.A.Anbarasan, A.P., presented the Tech Talk on the 'Multiple Memristor Circuit Parametric Faulty Diagnosis using Feedback-Control Doublet Generator' on 14.10.16. The

talk composed an insight into the new two-terminal circuit element called the Memristor and a relationship between the charge and the flux-linkage.

Mr.V.R.Balaji (Research Scholar) and Dr.M.Murugan, Vice Principal, published a paper titled 'Optimization of DWDM Demultiplexer Using Regression Analysis', Journal of Nanomaterials, Volume 2016, Article ID 9850457, pp.1-10, <http://dx.doi.org/10.1155/2016/9850457>.

Mr.V.R.Balaji (Research Scholar) and Dr. M. Murugan, Vice Principal, published a paper titled 'Designing of 4-Channel Drop Filter Based on Square Resonant Nanocavity', Intl. Journal of Advanced Engineering Technology, Vol. VII, Issue II, June 2016, pp.1133-1137.

Dr.M.Murugan, Vice Principal, coauthored a paper titled 'Transmit Antenna Selection with Optimum Combining for Aggregate Interference in Cognitive Underlay Radio Network', Wireless Personal Communication, DOI 10.1007/s11277-016-3593-1.

Ms.N.Subhashini, A.P. and Dr.M.Murugan, Vice Principal, published a paper titled "Impact of Compressive Sensing on the Performance Metrics of Wireless Sensor Networks - A Survey", i-manager's Journal on Wireless Communication Networks, Vol.5, No.1, June 2016, pp.34-42.

Dr.M.Murugan, Vice Principal, coauthored a paper titled 'Hardware and Software Architecture for Embedded Distributed Control System Using Adaptive Hybrid Communication Channel', Advances in Intelligent Systems and Computing, Volume 452, pp.513-520, Pub. Springer, Series Editor: Janusz Kacprzyk, Polish Academy of Sciences, Warsaw, Poland.

Mr.G.Saravanan, A.P., published a paper on the 'Smart Logistics for Pharmaceutical Industry based on the Internet of Things (IoT)' in the Int. Journal of Computer Science and Information Security, Vol. 14, Special Issue on Oct. 2016.

## Department of Electronics and Instrumentation Engineering

The Faculty Development Programme was held on the 'Process Control' on 17.11.16 & 18.11.16.

The Faculty Development Programme was held on the 'Computer Control of Process' on 15.11.16 & 16.11.16.

The Staff Development Programme was held on 'Microsoft Office Suite' on 30.11.16.

Faculty members of the Dept. of EIE visited the Doordharshan Kendra, Chennai on 02-11-16.



FDP on 'Process Control' held on 17<sup>th</sup> & 18<sup>th</sup> Nov. 2016

Mr.T.M.Hariguru and Dr.K.Ayyar, A.P. published a paper on the 'Design of Fuzzy Controller for Flow Control Applications' in the Middle-East Journal of Scientific Research 24 (S2): 197-203, 2016, ISSN 1990-9233.

Mr.G.Srinivasan and Dr. S.Visalakshi, published a paper on the 'Network Reconfiguration with Optimal DG Integration into Distribution Network for Power Loss Minimization via AGPSO' in the Asian Journal of Research in Social Sciences & Humanities. Vol.6, No.10, Oct. 2016.

Mr.G.Srinivasan and Dr.S.Visalakshi, presented a paper on the 'Assessment of Power Loss Minimization via Optimal Allocation of DGS with Network Reconfiguration in Radial Distribution Network Considering Load Levels' in the Int. Conference on Engineering and Technology at Karpagam College of Engineering, Coimbatore, Dec. 2016.

Mr.R.Manimegalai and Dr.S.Visalakshi, presented a paper on 'A Firefly Algorithm Based Cost Optimization Scheme in Microgrid' in the International Conference on Engineering & Technology at Karpagam College of Engineering, Coimbatore, Dec. 2016.

Ms.S.C. Prasanna, A.P and S.P. Joy Vasantha Rani, published a paper on 'An Efficient Implementation of Reconfigurable Interpolation Root-Raised Cosine FIR Filter for Software-Defined Radio Application' in the Sadhana - Academy Proceedings in Engineering Sciences, Vol. 41, No. 10, pp. 1189-1201, October 2016. Annexure I.



FDP on 'Computer Control of Process' held on 15<sup>th</sup> & 16<sup>th</sup> November 2016



SDP on 'Microsoft Office Suite' held on 30.11.16.

Ms. A. Asuntha, Ms. Neelima Singh and Dr. Andy Srinivasan, Prof. PSO, published a paper on the 'Genetic Optimization and SVM Algorithm used for Lung Cancer Detection' in the Journal of Chemical and Pharmaceutical Research, 2016, 8(6):351-359, 2016, ISSN: 0975-7384.

Ms. A. Asuntha, Ms. A. Brindha, Ms. S. Indirani and Dr. Andy Srinivasan, Prof. published a paper on the 'Lung Cancer Detection using SVM Algorithm and Optimization Techniques' in the Journal of Chemical and Pharmaceutical Sciences, Dec-2016, 9(4), 3198-3203, ISSN: 0974-2115.

Mr. K. Lakshmikhandan, Dr. Andy Srinivasan, Prof. and Ms. M. Dharani, published a paper on the 'Improved SPWM Modulation Technique to Reduce Harmonic Distortion in Voltage Source Converter' in the International Journal of Innovation and Scientific Research, Vol. 25 No. 1 Jun. 2016, pp. 8-14, ISSN 2351-8014.

Mr. K. Lakshmikandan, Mr. A. Srinivasan, Ms. M. Dharani, Ms. U. Manjula and Ms. J. Monika, published a paper on the 'Design of Single Phase Nine Level Inverter for an Unbalanced Capacitor' in the Middle-East Journal of Scientific Research, 74-80, 2016, ISSN 1990-923.

Ms. K.S. Jaibhavani, A.P and B. Hannuja, II year M.E published a paper on the 'Modeling and Development of Decentralized PI Controller for Nonlinear System' in the International Journal of Trend in Research and Development, Volume 3(6), ISSN: 2394-9333.

R. Vasudevan, IV year EIE and K. Prakash II year EIE secured first Place in Anna University Zone IV Ball Badminton (MEN) Tournament held at Dhanalakshmi College of Engineering on 20.11.2016.

R. Vasudevan, IV year EIE and K. Prakash II year EIE secured Runner up in the Inter Zonal Ball Badminton (MEN) Tournament held at Paavai Engineering college, Namakkal on 11.12.2016.

## Department of Information Technology

A two day FDP on the 'Compiler Design' was organized on November 22<sup>nd</sup> & 23<sup>rd</sup> 2016 for the Staff and the Resource Persons were Mr. S. Ravikumar, Delivery Manager, Ford, Ms. S. Jeyalakshmi, A.P and Mr. K. Elaiyaraja, A.P.

An Industrial Visit to the 'JP INFOTECH, Software Development & Research Division, Chennai' was organized on 4<sup>th</sup> October 2016 for the III Year IT-1 students.

An 'Training Programme on Network Configuration' was organized on 24<sup>th</sup> November 2016 and the Resource Persons were Ms. K. Mohanambal, A.P and Mr. K. Anandan, Programmer.

A two day FDP on the 'Design and Analysis of Algorithms' was organized on December 22<sup>nd</sup> & 23<sup>rd</sup> 2016 for the Staff and the Resource Persons were Dr. N. Krishnaraj, A.P, Mr. M. Kavinkumar, A.P and Mr. R. Senthil, A.P.

A one day Industrial Visit to 'Prasad Film Laboratories, Chennai' was organized on 21<sup>st</sup> December 2016 for the Staff.



FDP on 'Compiler Design' held on 22<sup>nd</sup> & 23<sup>rd</sup> November 2016

Dr. N. Krishnaraj, A.P published two papers (i) 'Hybrid Soft Computing Approach for Prediction of Cancer in Colon Using Microarray Gene Data' and (ii) 'Segmentation and Texture Analysis for Efficient Classification of Breast Tumors from Sonograms' in the International Journal of Bentham Science 2016, ISSN: 2212-389X.

Ms. S. Jeyalakshmi, A.P, Mr. S. Sekar, A.P and Mr. K. Elaiyaraja, A.P, participated in a three day FDP on the 'Recent Trends in IOT' conducted on 24<sup>th</sup> & 26<sup>th</sup> November 2016, by the Dept of IT, Jeppiaar Engineering College.

Ms. R. Shenbagavadivu, A.P, attended Workshop on the 'National Cyber Defence Summit '16' conducted on 30<sup>th</sup> Sept. & 1<sup>st</sup> Oct. 2016, at Anna University, Chennai.

Ms. R. Thenmozhi, A.P presented a paper on 'A Survey on Integrating Multimedia Services over Software Defined Networks' in the two day 'National Conference on Software



Industrial Visit to 'JP INFOTECH, Software Development & Research Division, Chennai' on 4th October 2016.

defined Networks-SDNC 2016' conducted on 18<sup>th</sup> & 19<sup>th</sup> October 2016, by the Dept of CSE, Faculty of Engineering and Technology, SRM University.

Dr.N.Krishnaraj, A.P, participated in a short-term course on the 'Probability and Statistics for Machine Learning' conducted on 28<sup>th</sup> to 2<sup>nd</sup> December 2016, by the Quality Improvement Programme of AICTE, New Delhi.

## XploITs2K16 & Colosium'16'



**A**'National Level Technical Symposium XploITs2K16 & Colosium'16' was organized by the Dept of Information Technology & Dept of Computer Applications in association with CSI-VEC Student Branch, ICTACT and National Cyber Safety & Security Standards on 1<sup>st</sup> October 2016.

The Inaugural Address was delivered by the Chief Guest Mr. Lakshminarayanan Devarajan, Vice President, Managed Investments Technology, iNautix Technologies, Chennai. He gave an insight on the expectations from the current IT industry from students' fraternity. He also motivated the students and explained the various competencies required for them to acquire. He also released the Souvenir of XploITs 2K16 & Colosium'16.

Mr.S.Narayanan, Ms.S.Shenbagavadivu, Mr.T.Veeramani, Ms.K.Mohanambal, Ms.R.Shanthi, Ms.R.Saranya, Mr.K.Anandan, Mr.V.Giridharan, and V.Anbuselvi, participated in the 'Sky Yoga for Holistic Health Foundation Course' conducted from 7<sup>th</sup> to 11<sup>th</sup> Nov. 2016, by the World Community Service Centre, Chennai.

## Department of Mechanical Engineering

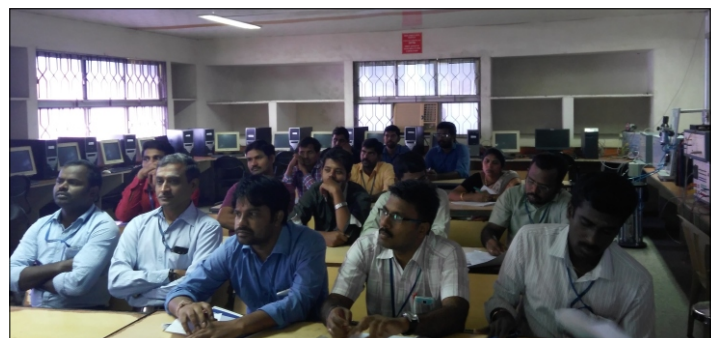


Students in the National Kart Racing Championship held on 29<sup>th</sup> Sep to 2<sup>nd</sup> Oct 2016

The students of Mechanical Engineering participated in a 4 day National Kart Racing Championship held from 29<sup>th</sup> Sep to 2<sup>nd</sup> Oct. 2016 in Kolhapur, Maharashtra. The NKRC team members were, Fareed Mohammed.S, Rahul.G and Prathap.S of final year, Chiyaam Kannan.C.K, Eswar.V, Harinivash.V, Jai Ganesh.D, Kishore.S, Vignesh.K, Vignesh.K, Vijay.K, & Vasantha Kumar.C of III year.

A Faculty Development Programme on 'Kinematics of Machinery' was conducted on 16<sup>th</sup> and 17<sup>th</sup> November 2016. The internal Faculty members were the resource persons.

A welding camp was conducted for other department non-teaching staff on 22<sup>nd</sup> Nov. 2016, with the lab technicians from our department. Dr.S.Thirugnanam, HOD, gave a brief introduction about welding. Later, welding practice was given.



FDP on 'Kinematics of Machinery' held on 16<sup>th</sup> & 17<sup>th</sup> November 2016

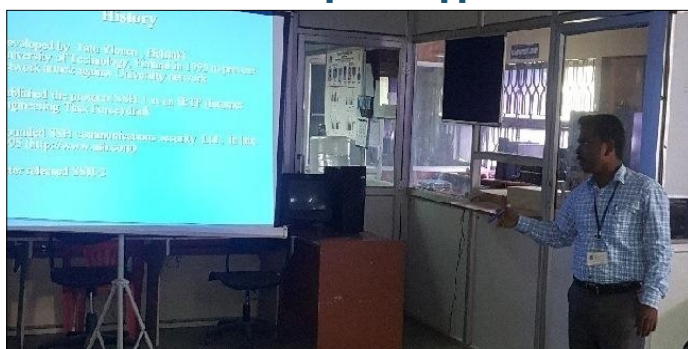
A Faculty Development Programme on 'Finite Element Analysis' from 22-11-2016 to 23-11-2016 for 18 Faculty members from Mechanical Engineering Dept. was arranged.



Mr.Ramu, Mr.J.P.Ramesh and Dr.K.Siva Kumar handled the course.

An industrial visit to Madras Engineering Industries Pvt. Ltd., Mahindra City on 24-11-2016 was arranged for the faculties.

## Department of Master of Computer Applications



FDP on the 'Security in Computing' held on 24<sup>th</sup> and 25<sup>th</sup> November 2016

A Faculty Development Programme on the 'Security in Computing' was organized and conducted on 24<sup>th</sup> and 25<sup>th</sup> November 2016. Mr.S.Parthasarathy, A.P, Mr.V.Santhana Marichamy, A.P, MCA Department and Dr.N.Krishnaraj, A.P, Dept of Information Technology were the Resource Persons for the FDP.

Mr.S.K.Saravanan, A.P, and Mr.R.Prince Jeyaseelan James, A.P attended the two day workshop on the 'Introduction to Mobile App Development' an ICTACT Academy sponsored program organized at Tagore Engineering College on 28.11.16 and 29.11.16.

50 students of the Dept appeared for the "Advanced C++" and "PYTHON" Online Tests conducted by the IIT Bombay through Spoken-Tutorial.org on 28.12.2016 and 29.12.2016.

## Department of Business Administration

For developing entrepreneurial skills, the final year students of the Dept. of Management Studies conducted the M-Fest (Food Festival) on 28<sup>th</sup> and 29<sup>th</sup> Sept.2016.



The Dept. organised an M-Fest (Food Festival) on 28<sup>th</sup> & 29<sup>th</sup> Sept.2016



Guest Lecture on 'The Business Strategies with reference to Service Industry' held on 14.10.2016

A Guest Lecture on 'The Business Strategies with reference to Service Industry' was conducted on 14.10.2016 for the Second Year MBA Students. The lecture was delivered by Mr.Arul Prabeen Albert, General Manager, Abena India.

An industrial visit to Emerald Engineering and Diamond Engineering Chennai Pvt. Ltd was arranged for the First Year students on 17.11.2016.



Industrial Visit to Ashok Leyland Ennore Unit on 23<sup>rd</sup> November 2016

An industrial visit to Ashok Leyland Ennore Unit was arranged for the First Year students on 23.11.2016.



Seminar on '360° Financial Planning' held on 23.12.2016

A Faculty Development Program was conducted on 30.11.2016. Mr V.T. Baalaji Amudhan, Asst. Professor, handled a session on 'The Relevance of Thirukkural with Managerial Concepts'. Mr. K.Suresh, A.P. handled the session on 'Disrupt or Be Disrupted'.

## SHIMMER 2016



**V**alliammai Engineering College Alumni Meet 'SHIMMER 2016' was held on 11.09.2016. Dr.T.P.Ganesan, Pro V.C (Planning & Development), SRM University & Director VEC, presided over the occasion. In his presidential address, Dr.T.P.Ganesan, quoted that the alumni coming back to the college is like a girl child coming back to her mother's place. Dr.B.Chidambararajan, Principal and Dr.M.Murugan, Vice Principal and Heads of all Departments of the College were present on the occasion. Around 187 participants attended the Meet.

A seminar on '360° Financial Planning' was conducted on 23.12.2016. Dr.B.Chidambararajan, Principal and Dr.M.Murugan, Vice Principal, along with the Heads of different Depts. and Faculty members participated in the seminar.

## Department of English

The third session of the Oratorical Competition under the auspices of 'Burke Club' was held on 2<sup>nd</sup> Nov 2016. Dr.D.Chitra, Head, Dept. of Mathematics was the judge for the event. The winners were rewarded with prizes and certificates.

Linguathon Phase I, a series of competitions comprising poster making, block and Tackle and Adzap, was organized on 1<sup>st</sup> Nov. 2016. The students participated actively with great enthusiasm. The judges for the event were Dr.D.Visalakshi, Head Dept. of EIE, Ms.V.Selvalakshmi, A.P, Dept of Management Studies and Mr. Abhishek David John, A.P, Dept. of Placement and Training.

A workshop titled 'Enrich Your Communication Skills' was organized on 9<sup>th</sup> Dec. 2016 for the Programmers.

## Department of Physics

Dr.H.Krishnan participated in the awareness workshop on the 'Smart India Hackathon 2017' organized by All India Council for Technical Education (AICTE) on 24<sup>th</sup> November 2016 at Anna University, Chennai.

A Guest Lecture was organized on the 'Material Processing by Lasers' on 06.10.16. The Resource Person was Dr.K.P.Bhuvana, Scientist, Advanced Research School for Technology, CIPET.

## Department of Chemistry

A Guest lecture was delivered by Dr. E. Rajkumar, Asst. Professor, Madras Christian College, Chennai on 'Functional Materials' during October 5, 2016.

Dr. N. Jayaprakash attended a workshop on the 'Oxford Instruments Nanotechnology Workshop' at IISC, Bangalore, India, between 22<sup>nd</sup> and 23<sup>rd</sup> November 2016.

Dr.N.Jayaprakash presented a paper on the 'Synthesis, characterization and antibacterial activity of silver nanorods: A microwave approach' in the Regional Conference on 'Science and Technology for National



Guest Lecture on 'Functional Materials' 05.10.2016.

Development' (RCSTND-2016) between 9<sup>th</sup> and 11<sup>th</sup> December 2016 at SRM University, Chennai.

## Department of Placement

Among the eligible students, 55 students were recruited in campus between October and December 2016. The placement details are as given below.

- TCS recruited 3 students on 4<sup>th</sup> Oct. 2016.
- Capgemni recruited 52 students on 13<sup>th</sup> Oct. 2016.

Winter Vacation Training Program was offered for the 3<sup>rd</sup> year students from 25<sup>th</sup> Nov. to 24<sup>th</sup> Dec. 2016.

A two day Faculty Development Programme was organized for the newly joined Faculties on 28<sup>th</sup> & 29<sup>th</sup> Nov. 2016. 40 Faculty Members from various departments attended the program.



Staff Development Programme for all Non-teaching Staff held on 23<sup>rd</sup> Dec. 2016

### Lectures Delivered:

- Student counseling Prof.N. Lakshmana Perumal, FYCC
- Achieving Quality through Noble Profession Dr.A.Rasheed, Head- Dept of MCA
- Publish or Perish Dr. M. Murugan, Vice Principal
- Exam Cell Mr.G.Madhusudhanan, A.P(Sel.G)
- Softskills for Teachers- Dr.J.Padmini, Head- Dept of MBA
- Outcome based Education Dr. Komala James, Head- Dept of ECE
- Language, Body Language & Teachers, Co-relation Ms.J.J.Monica Paul, Head- Placement
- Rapid Fire Dr. B.Chidambara Rajan, Prinicpal

A Staff Development Programme was organised for all Non-teaching Staff on 23<sup>rd</sup> Dec. 2016. 32 Non-teaching staff were benefitted through the program.

### Topic covered: Etiquettes and manners:

- For Attenders: Mr. M.Anbukani (Placement Trainer) & Mr. N. Rajkumar (Placement Trainer)
- For Programmers: Mr. Sam Paul (Placement Trainer) & Ms. B.Yuvarani ( Placement Trainer)

### Paper Presentation:

Ms. M. Aarthi, A.P., presented a paper in the International Journal IMPACT : IJRHAL on the 'The Evil Side of Divorce' in Manjukapurs 'Custody' in the Issue II, Vol.4, Nov. 2016, 73-76.



FDP organized for the newly joined Faculties on 28<sup>th</sup> & 29<sup>th</sup> Nov. 2016.

## NPTEL

Totally 273 Faculties and students successfully completed various NPTEL online certificate courses conducted by IIT, Madras for July - September 2016 and July-October 2016 sessions.

Our College received the Award for being an active NPTEL Local Chapter in 2016, rated 'AA' and one of the top 100 Local Chapters across India. The above award was received on 17<sup>th</sup> December 2016 at IIT Madras, Chennai. Dr.M.Anbuezhian also received the Appreciation Award for SPOC in the NPTEL Local Chapter in 2016.

Totally 12 Faculty members Ms.M.S.Shyamala, Dr.K.Thiruppathi, Mr.K.Elaiyaraja, Ms.S.Jeyalakshmi, Ms.G.Dharani Devi, Ms.A.Lalitha, Dr.S.Ramesh, Mr.S.Raja, Mr.G.Kumaresan, Ms.A.R.Revathi, Ms.B.R.Shanmuga Priya and G.Vaithianathan of our college received the Mentor Awards.

Our Faculty members Prof.P.Mathivanan, (Mechanical), Mrs.S.Sowmiya (Physics) and Mrs.Sheeba Manodh (English) were the toppers in the NPTEL Online Certification Courses in July-December 2016.

Our Students Mr.S.Vaishnu Venkata Shiva Prasad (EIE), Mr.Pasupathy.CH, (CSE) and M.Saravanan (Mech) were the Toppers in the NPTEL Online Examination, held in September 2016.

Dr. M. Anbuezhian (Physics), Mr. V.Sudhagar (EEE) and G. Vaithianathan (Civil) participated in the NPTEL workshop conducted on 17<sup>th</sup> December 2016 at IIT, Madras.

Abhishek David John & M.Arthi, A.P presented a paper in the International Journal IMPACT : IJRET on the 'Aspects of Proper Speech Delivery in the Public Speaking' in the Issue 10, Vol.4, Oct 2016 25-30.

### Workshops & FDPs attended:

Ms.S.R. Preethi, A.P attended a workshop on 'IOT' organized by the Dept. of Instrumentation and Engineering, MIT Campus, Anna University, Chennai on 21<sup>st</sup> & 22<sup>nd</sup> Oct. 2016.

Ms.S.R.Preethi, A.P attended the DST-PURSE sponsored one day workshop on IOT organised by the Dept of Information Technology, MIT Campus, Anna University on 4<sup>th</sup> Nov. 2016.

Mr.B.Sampaul (Placement Trainer) attended a Faculty Development Programme on the 'Creative Oriented Teaching & Learning Process, non academic revenues-COTLPNAR 2016' organised by Karunya University, Coimbatore on 16<sup>th</sup> Nov. 2016.

## Department of Mathematics



Dr.S.Chitra A.P (Sl.G) received Ph.D degree from the Hon'ble Governor of TamilNadu

Dr.S.Chitra Assistant Professor (Sl.G) received her Ph.D degree from the Honorable Governor of TamilNadu and the Chancellor Mononmaniam Sundaranar University CH.Vidyasagar Rao on 28.12.2016 at the University Campus, Tirunelveli.

A Guest Lecture was organised on the Applications of 'Differential Calculus' by Dr.S.Sivasubramanian, Asst Prof, Anna university, Tindivanam on 07.10.16.

## National Service Scheme



Rashtriya Ekta Saptah - remembrance of Sardar Vallabhbhai Patel

Freshers' Orientation Programme for the newly joined NSS Volunteers was conducted on 3<sup>rd</sup> October 2016.

Rastriya Ekta Diwas in memory of Sardar Vallabhai Patel was arranged on 31.10.2016.

A free camp for 'Eye Screening' was organized on 1st and 2<sup>nd</sup> November 2016, where 200 staff and students were benefitted.

In association with SRM Medical College Hospital, a Master Health Check-up Camp was organized for the staff on 2<sup>nd</sup> Nov. 2016.

An awareness programme on 'Read Safety' was conducted on 7<sup>th</sup> November 2016 at Guduvanchery in

## Governing Council

The 22<sup>nd</sup> Governing Council meeting was held on 18.11.16 at 11.00 am.

## Student Affair Cell (SAC)

VEC SAC in association with NSS Unit conducted a wellness program under the title 'Transcendental Meditation and Breathing Exercises' and Yoga for 53 Students by Mrs.Piramukutty, Professor in Manavallakalai and Managing Trustee, World Community Service Center, Guduvancherry from 26.09.16 to 30.09.16.

VEC SAC has organized a Seminar 'Science Beyond Matter' for the First Year Students on 07.10.16. Dr.Manmohan Gowsami from Vrindavan gave his lecture on 'Science and Influence of Environmental Factors in the Universe'. 120 students participated from various Departments.

VEC SAC in association with NSS Unit has organized a Wellness Programme for the staff members for training them in Transcendental Meditation, Breathing Exercises and Yoga from 07.11.16 to 11.11.16.



Road safety, promoting integrity and eradicating corruption association with Rotary Club of Maraimalai Nagar Industrial City.

The tree plantation programme was arranged on 24<sup>th</sup> Nov. 2016 at VEC campus.

In association with the Chennai Metro Rail Ltd., And St.Thomas Mount Metro Rail Station, the volunteers have campaigned for the use and promotion of Metro Rail, Chennai.



Tree Plantation

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