

Valliammal Engineering College

SRM Nagar, Kattankulathur - 603 203. Email : smrvec@valliammal.co.in Website: www.valliammal.co.in

VEC NEWS

[Quarterly]

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aarivendhar Tamil Mandram in association with the NSS celebrated the birthday of the Founder Chairman of our college by conducting blood donation camp, Eye donation camp and planting trees. Students of our college participated in the camp and 65 students donated blood and 22 students were interested to donate eyes.

Freshers' Day

The new set of fresh engineering students of Valliammai Engineering College for the AY 2016-17 had a warm welcome and opening on the 1st of August 2016 at 10:00 a.m. in the Dr.T.P.Ganesan auditorium. Initially, Dr.M.Murugan, the Vice Principal welcomed the gathering. Dr.B.Chidambara Rajan, the Principal delivered his address with the details of the College and the achievements. Dr.T.P.Ganesan, the Director and Pro-VC (P&D), SRM University delivered the inaugural address by motivating the freshers. Prof. N. Lakshmana Perumal, the First Year Chief Coordinator offered general guidelines to the students and parents. Dr. L. Devaraj Stephan, HOD of Chemistry proposed a vote of thanks.







Orientation Programme

An Orientation Program was conducted for the First Year students on 02.08.2016 highlighting the general Anna University Rules and Regulations and other Academic related Guidelines.

The sessions were presented by Prof.N.Lakshmana Perumal, the First Year Chief Coordinator, Dr.K.Thiruppathi, the First Year Coordinator, Mr.K.Durai, First Year Coordinator and Dr.B.Balamurugan, the Librarian.



TAMIL MANDRAM

SRM University Paarivendhar Students' Tamil Association celebrated 'Kamarajar's Birthday' by organizing poetry competition on 15.07.2015 on 'Kalvikann Thirantha Kamarajar'.

R. Mathivathana -EEE- III Year, J.Logesh-Civil - III Year, M.Kurinjikotravan-Civil- III Year, V.Sabari Prasanth -Mech- IV Year and M.P.RajaKumaran Mech-IV Year, participated and presented their poetry.



'Kalvikann Thirantha Kamarajar' - Poetry Competition

V.Vijayabharathi Dept. of EEE- III YEAR won the 3rd prize in Chennai zone and received a cash award of Rs.2000/- in poetry competition conducted by the Ramalingar Panimandram on 07.08.16.



70th Independence Day Celebration

G.Srikanth, Dept of CSE participated in the elocution competition conducted by the 'Makkal Sindanai Peravai' at Erode on 24.07.16.

Kanakaraj.K, Dept of Civil -III Year won the 1st prize in the essay competition organized by the ESO India Association.



Tamil Speech Competition organised by the VEC Paarivendhar Tamil Mandram on 29.09.2016

Paarivendhar Tamil Mandram in association with the NSS celebrated the 70th Independence day and conducted speech, essay, poetry and debate competitions for the students of our college on 11.08.16 & 12.08.16. Dr.Komala James, Head of the Dept - ECE acted as the Judge for the debate competition.

The following students won the prizes.



'Blood Donation' on Founder Chairman's Birthday

Speech Competition: M.Shamini, IT - First Prize, G.Ajith, EIE - Second Prize & J.Prasanth, EIE - Third Prize. Poetry Competition: R.Sibi, Mech - First Prize, G.Srinath, CSE - Second Prize & J.Logesh, Civil - Third Prize. Essay Competition: V.VijayaBharathi, EEE - First Prize, K.LalithaPriya, EIE- Second Prize & K.Vignesh, IT - Third Prize. Debate Competition: D.Sathyanarayanan, IT - First Prize, R.Sriveni, Civil - Second Prize & M.Saranya, CSE - Third Prize.

Paarivendhar Students' Tamil Association celebrated Dr. A.P.J.Abdul Kalam's Birthday by conducting speech competition for students on 29.09.16 in the presence of Dr.Komala James, HOD/ECE and Dr.K.Thiruppathi, Physics and Mr.K.Shanmugam, AP/CSE, Ms.C.Nandini, AP/English were the Co-





Speech Competition, Poetry Competition, Debate Competition on Thursday Tamil Activities

ordinators. R.Mathivathana, EEE - First Prize, J.Prasanth, EIE-Second Prize & Pozhilan - CSE-Third Prize.

V.Vijayabharathi Dept of EEE -III Year won the 1st prize in the State Level and received a cash award of Rs.5000/-in poetry competition conducted by the Ramalingar Panimandram on 24.09.16.

The Department of Civil Engineering

The Dept of Civil Engineering organized a Guest Lecture on 11.08.2016. The Guest Speaker was J.S. Sudarsan, Assistant Professor (Sr.G.), Dept of Civil Engineering, Kattankulathur Campus, SRM University. He delivered a lecture on 'The Global Water Challenge'.



Guest Lecture on 'Global Water Challenge'

The Dept of Civil Engineering organized a Guest Lecture on 15th September 2016. The Guest Speaker was Dr. Mutharam, Professor, Dept of Civil Engineering, Division of Soil Mechanics and Foundation Engineering, Anna University, CEG Campus, Guindy. She delivered a lecture on the 'Foundation Failure'.



Guest Lecture on 'Foundation Failure'

Ms.S.K.Divya, A.P (O.G) attended a one day Workshop on the 'Environmental Sustainability' held at SRM University on 20th September.

M.N.Rubesh of Third year participated in the 'National Level Technical Symposium' in the CADD and Surprise event on 11th August, 2016 at Meenakshi Soundarajan Engineering College.

About 20 students participated in various events in the 'National Level Technical Symposium' conducted by Eswari Engineering College on 12th August, 2016. A.Abbas Azmaan of Third year won III prize in the event of 'Model Making'. G.Ramsundar, H.Vignesh and Sathishkanna of Third year Won Third prize in the event of 'Tower It'.

About 10 students participated in various events in the 'National Level Technical Symposium' conducted by M.N.M.Jain Engineering College on 17th August, 2016.

Our students participated in various events in the 'National Level Technical Symposium' conducted by Sairam Institute of Technology on 18th August, 2016. Mohammed Irfan.R, Muthu Kumar.S of Third year won I prize in the event of 'Connexion'.

In the 'National Level Technical Symposium' conducted by Velammal Engineering College on 20th August, 2016. G. Vishnuvaradhan, M. Vigneshwar and S.Rajarajan of Final year won I prize in the event of 'Reason It'. G.Ramsundar, H.Vignesh and Sathishkanna of Third year won Third prize in the event of 'Bridge It'.

In the 'National Level Technical Symposium' conducted by Sairam Engineering College on 23rd August, 2016. P. Vikram and M.Vigneshwar of Final year won II prize in the event of 'Technical Quiz'.

Over 40 students participated in various events in the 'National Level Technical Symposium' conducted by Sri





Release of Souvenir by the delegates on the occasion of National Level Technical Symposium 'Construo '16'

CONSTRUO '16, the Fifth National Level Students' Technical Symposium was organized on 24th September, 2016. It was inaugurated by Ms.R.Geetha, Divisional Engineer (Design), Highways Dept, Chennai. This inaugural function I was presided by the Director of VEC, Dr.T.P.Ganesan and was also addressed by the Head of the Dept Dr.D.Elango. Technical events like Paper Presentation, Poster Presentation, I Technical quiz, CADD Quest and non-technical events like Ship Wreck, Minute to Win, Connexion, and Surprise Event were conducted. Around 61 technical papers were received, out of which 30 papers were selected for presentation. Totally 150 Students from various Engineering colleges across Tamil Nadu attended the symposium. The best performers were awarded in the valedictory function.■

Venkateshwara College of Engineering on 3rd September, 2016.

E.Sathriyan of Third year Section III attended the Model United Nations (UNGA-ESS) Conference, representing 'COLUMBIA' held at SSN Engineering College on 17^{th} September 2016.

B.Aishwarya, E.ArunGowtham, M.Aadithya, R.Ashutosh Singh, A.L.Balambal, S.LoguPrasath, S.ManjuBarkavi, V.Moneesha, P.Malini, S.Ramkumar, S.Supriya, K.Varsha, B.Yogalakshmi, S.Sathish, R.Vignesh, U.Sadhana, R.SaiKarthick, P.Sridhar of second year attended a one day Workshop on the 'Environmental Sustainability' held at SRM University on 20^{th} September 2016.

The Department of Electronics and Communication Engineering

The Research Center has been renewed and the recognition has been extended till June 2019. The recognized supervisors of the ECE Dept are permitted to guide the candidates of the Ph.D/M.S (By Research) programs.

Totally 92 candidates were enrolled in the National Programme on Technology Enhanced Learning (NPTEL) Programme via our Local Chapter during July 2016.

Kaar Technologies conducted their Campus Drive at SRM University for 2017 batch students with a compensation of Rs.5 Lakh per annum. Debnita Kar was selected in the interview.

IONIXX Technologies conducted their Campus Recruitment at VEC for the students of 2017 batch with a compensation of Rs.3.5 to Rs.7 Lakh per annum. T.Sreenath got selected in the interview.

Maveric Systems conducted their Campus Drive at VEC for the students of 2017 batch with a compensation of Rs.3.75 Lakh per annum. Balaji Venkateswaran.S & Meenatchi.R were recruited for this company.

Wipro Software Solutions conducted their Campus Interview at VEC for the students of 2017 batch with a compensation of Rs.3.3 to Rs.3.8 Lakh per annum. 11 Students got placed in this Software Solutions.

Accenture Software Solutions conducted their Campus Interview on 27 & 28.09.2016 at VEC for the eligible students of 2017 batch with a compensation of Rs.3.5 Lakh per annum. Eventually, 52 Students from our dept got selected in this campus recruitment.

Faculty members, Research scholars and PG Students of our Dept attended the seminar on the 'Challenges of Handover Management in 5G mobile Network' presented by Mr.K.Balamurugan, Research Scholar under the supervision of Dr.B.Chidambararajan, Principal, VEC.

Mr.Raakesh Raja Karuppiah Ramachandran, Final year ECE attended the one month Internship programme on the 'Analysis of Electrical Parameters of Solar Panel for wireless Sensor Nodes in Animal Monitoring' under the Supervisors Prof Havinga, Prof Meratnia, Prof Zhang, University of Twente, Enschede, Netherlands during June 20, 2016-July 20,2016.





Release of souvenir of the National Level Technical Symposium TARAS '16

The 12th National Level Technical Symposium was organized on the 17th September 2016 in association with ISTE & IETE Students' Forum. The National Symposium TARAS'16 was inaugurated by the Chief Guest Mr. Jebanand K.C, Head-Client Relationship & Senior Solution Architect, IONIXX Technologies, Chennai. In the inaugural address, the Chief Guest emphasized the importance of Python, Software solutions, Gaming Applications for the Next Generation Trends and social development.

Amrish.A.K, Debnita Kar, Kaushik.K of our Institution attended the CII Organization meet on the 'Education and Innovation' on 29.07.2016 at Taj Coromandel, Chennai.

Mr. Senthilmurugan S, Assistant Professor participated in an AICTE Sponsored Short Term Course on the 'Microelectronics: from Fundamentals to Devices' organized by the Dept of Electrical Engineering, IIT Madras held from 11th to 16th July 2016.

Mr. Sanjay K, Assistant Professor participated in the IET & IETE Sponsored Workshop on the 'Speech Signal Processing- WSSP 16' organized by the Dept of Electronics and Communication Engineering, SRM University held on 16th-17th August 2016.

Dr. Ramesh S, Mrs. Birundha R, Mr. Dhananjeyan R participated in a two day Workshop on the 'Advanced Antenna Design and Applications' organized by the Dept of Electronics and Communication Engineering, SRM University held on 26th-27th August 2016.

Naveen.K.N, Janani.B, Arthi A.T, Divya V, Akshaya Raj A.P of our Dept attended a Webinar on the 'Career Guidance' organized by the Confederation of Indian Industries on 12.07.2016.

A Workshop on the 'Internet of Things' was conducted by the Dept of ECE in association with IETE Students' Forum on the 17th September 2016. The Chief Guest Mr.Muhammed Ilyas, Project Engineer, Altsense Company, Chennai delivered a lecture.



On the occasion of the Seminar on the 'Applications of 5G Technology'

A Seminar on the 'Applications of 5G Technology' was conducted on the 20th July 2016. The Chief Guest Mr.R.Ganesh, JTO, BSNL, Chennai delivered a lecture on the 'Evolution of Mobile Communication'.

A Workshop on 'PCB Designing' in association with IETE Students' Forum on the 12th August 2016. The Chief Guest Mr. K.V.Mahesh, Design Engineer, Allied Electronics Company, Chennai delivered a lecture.



Expert Lecture on 'PHYTHON in Communication'

An Expert Lecture on 'PYTHON in Communication' was delivered on the 1st September 2016 by the Chief Guest Mr. P.Yogaraj, Associate Projects, Cognizant Technology Solutions, Chennai.

The following Staff members presented their papers in the Knowledge Sharing Seminar (Tech Talk).

a. Dr. J.Mohan, Asso. Prof., on 'Signal Integrity in High Speed system design' on 12.07.2016.



- b. Mrs.S.Subbulakshmi, Asst Prof., on 'An FFT Architecture for Real Valued Signals' on 29.07.2016.
- c. Mr.M.ASeenivasan, Asst Prof., on 'A 65nm Programmable ANalog Device Array (PANDA) for Analog Circuit Emulation' on 26.08.2016.
- d. Ms.N. Subhashini, Asst Prof., on 'In-Vivo Communication' on 09.09.2016.

The Department of Computer Science and Engineering



Seminar on 'Android Application Development'

A one day seminar was conducted on the 'Android Application Development' to UG and PG students on 29th Friday 2016. Mr.S.A.Sundara Pandyan, Software Development Manager, Amazon addressed the students.

The Staff members of CSE Dept went on an industrial visit to 'VI Micro System Pvt Ltd' Perungudi, Chennai on Saturday, 2nd July 2016.

A Guest Lecture was delivered on the 'Security Issues in Cloud Computing' in association with the computer Society of India on 23rd August 2016 by Dr.V.Neelanarayanan, Professor, VIT University, Chennai.

Mini project Expo-2k16 was organized by the Dept of Computer Science and Engineering, in association with the CSI Student Branch on 22-08-16. Various projects like Mobile applications, hacking, web development, Vanet and security applications, etc., were demonstrated. Based on the performance, best 3 projects were selected, out of 27 projects.



Release of souvenir of the National Level Technical Symposium Cyborgs 2k16

A National Level Technical Symposium Cyborgs 2k16 was conducted on 27.08.2016. The symposium was inaugurated by Mr. P. S. Ravi Kiran, Chief Technology Officer, GoDB Tech (P) Ltd, Chennai. The chief guest emphasized the importance of cloud Computing, Usage of Mobile Devices, Neural Networks and Machine Learning, Which aims for the Future economic and social development of the society. Dr.M.Murugan, Vice - Principal, VEC Presided over and felicitated the inaugural function along with our HOD Prof.Dr.B. Vanathi. There were 204 enthusiastic participants from various colleges.



Mini Project Expo-2k16

Mr.L.Karthikeyan published a paper on the 'GSP based link estimation time for vanet urban routing' in the International Science Press, Vol. 7,issue.2 E-ISSN 0976-3945, pp. 350-354, 2016.

For more details log on to valliammai.co.in



The Department of Electrical and Electronics Engineering



Guest Lecture on the 'Advanced Linear Devices and its applications in industries'

A Guest Lecture on the 'Advanced Linear Devices and its applications in industries' was organized on 18th August 2016. Mr.E.Arunkumar, ME (Ph.D), Vice President, RETECH Solutions Pvt. Ltd., & Mr.S.Veeramani, ME, MATLAB and Embedded Developer, RETECH Solutions Pvt. Ltd., were the Resource Persons.

IEEE technical talk was conducted by the Dept of Electrical and Electronics Engineering in association with IEEE Technical Club. Our Staff presented technical talks on different topics. The details are as follows.



Seminar on the 'Electromagnetic Transients'

- a. S.Padhmanabha Iyappan, AP(Sr.G) on 'Electric power quality, harmonic reduction and energy saving using modulated power filters and capacitor compensators' on 03.08.2016.
- b. V.Sudhagar, AP(O.G) on AC/DC Power Flow on 08.08.2016.
- c. T.Santhoshkumar, AP(O.G) on 'Small Signal Stability Analysis of Power Systems with DDSG Based Wind Power Penetration' on 06.09.2016.



Release of souvenir of the National Level Technical Symposium EMERGE 2k16

Department of Electrical and Electronics Engineering in association with IEEE Valliammai Student branch and Renewable Energy Club conducted a National Level Technical Symposium EMERGE 2k16 on 13th August 2016.

The inaugural session began with the welcome Address by President Mr.S.Shrivathsan. Dr.M.Murugan, Vice Principal felicitated the gathering and congratulated the office bearers. The Chief Guest Mr.R.Karthikeyan, Deputy General Manager, TEDA, delivered the Inaugural Address.

He stressed the need of identification and estimation of renewable energy, creation of awareness among stake holders, encouragement of research and development.

d. Ms.A.Anuradha, AP(O.G) on 'Wide Area Voltage Monitoring' on 12.09.2016.

A one day seminar on the 'Electromagnetic Transients' was conducted on 26th September 2016. Mr.V.P.Boopathy, M.E., (Ph.D), EMTP Supporting Engineer Power Sys Solutions was the Resource Person.



Students on an Industrial Visit to Pykara Hydro Power Plant





The students of third year EEE1 went on an industrial visit on $23^{\rm rd}$ and $24^{\rm th}$ September 2016 to KUNDAH & PYKARA Hydro Power Plant.

Our student V.Vijayabharathi of III year EEE2 won the first prize in the State Level poetry competition conducted on 24.09.2016.

The Department of Information Technology

An Industrial Visit at 'Rajiv Gandhi Memorial Telecom Training Centre (RGMTTC), Chennai' was organized on 28th September 2016.

An Industrial Visit at 'BSNL - DTTC, Chennai' was organized on 26^{th} September 2016.



Seminar on the 'Cyber Forensics'

A Seminar on the 'Cyber Forensics' was organized on 11th August 2016 and Dr. N.Kala Baskar, Director-incharge, Centre for Cyber Forensics & Information Security, University of Madras, Chennai was the Chief Guest.



An Industrial Visit to IP Rings Ltd., Maraimalainagar

A Guest Lecture by Ms.R.Udhaya Lakshmi, Program Manager, Digital Home Division, Jasmine Infotech Pvt Ltd, Chennai on the 'DSP in Modern Technologies' was organized on 2nd August 2016.



Guest Lecture on the 'Issues in Network Security'

All Teaching Staff went on an Industrial Visit to 'IP Rings Ltd, Maraimalainagar' on 16th July 2016.

A Guest Lecture on the 'Issues in Network `Security' was organized on 26th July 2016 and Mr.Reegun Richard, Senior Security Analyst, Symantec Corporation, Chennai was the Chief Guest.



FDP on the 'Grid and Cloud Computing'





"Mini Project Expo 2k16"

A two day Faculty Development Program on the 'Grid and Cloud Computing' was organized on 30th June and 1st July 2016 and IT Staff members were the Resource Persons.

A One day "Mini Project Expo 2k16" was organized by the Dept of Information Technology on 2nd September 2016. The objective of this program was to enrich the Hands-on training for the students for enhancing their confidence level and also to provide a platform to share their knowledge and exhibit the work of multiple technologies..

Ms.J.Ponni, A.P successfully completed the requirements for 'EMC Academic Associate, Data Science and Big Data Analytics' on 16th August 2016.

Ms. R.Shanthi, A.P, participated in a two day Workshop on the 'Machine Learning Using MATLAB' conducted on 6^{th} & 7^{th} August 2016, by the Dept of CSE, Faculty of Engineering Technology, SRM University.

Ms. R.Shanthi, A.P presented a paper on the 'Retinal Fundus Abnormalities and Image Acquisition Techniques A Survey' and Ms. R.Shanthi, A.P presented a paper on 'A Probabilistic Continuous Random field Model for Vessel Segmentation finding Optic Disk Location in fundus to Diagnose Glaucoma' in the National Conference on 'Computational Intelligence and High Performance Computing' organized by the Dept of CSE, Faculty of Engineering and Technology, SRM University.

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. V. Jayanthi, Asst. Prof. (O.G), Dept. of English

Layout & Design: Mr. T. Elavarasu, Placement Executive

The Department of Mechanical Engineering



Guest Lecture on the 'Advanced Casting Techniques'

A Guest Lecture on the 'Advanced Casting Techniques' was delivered by Mr.B.Vijayachandran, Senior Deputy General Manager of M/S Madras Engineering Industries (P) Limited, Sriperumbudur, Kancheepuram - on 27.07.2016.



Guest Lecture on the 'Automotive Component Design'

A Guest Lecture on the 'Automotive Component Design' was delivered by Mr.I.Athiyaman, M.E., Design Analyst, Research and Development, Ford Technology Services, Chennai on 24.08.2016 to the Third Year Mechanical Engineering Students.



SAE Workshop for the third & final year students





The 5th National Level Technical Symposium was conducted on 03.09.16. Dr.M.Murugan, Vice-Principal delivered the presidential address. The inaugural address was delivered by the Chief Guest Mr.P.Arjunraj, the Deputy Manager from the Research and Design wing at Mahindra and Mahindra, Chennai. The student president of the 'Meqnzo'16 M.Iniyan Thirumurugan, welcomed the gathering. He spoke on motivation, employability, skill development and the expectations of the industries. Mr.S.Srinath, the Guest of Honour from TAFE spoke on the societal needs and innovation. Then, the Souvenir was released by the Chief Guest and received by the Vice-Principal.

Events conducted were such as Paper Presentation, CAD modelling, mechpreunership, mr.meqnzo, machinist, junkyard modelling, worst case scenario, robo roadies, rush hour, technical gaming, online photography, IC engine workshop and workshop on career guidance. At the close of the session, prizes were distributed.

A Guest Lecture on the 'Industrial Robotics' was delivered by Mr. M. Rakesh Ramanujam, Sr. Engineer-PPC (YSI Automotives Private Limited, Chennai) on 22.09.2016.

On 23-09-2016, the SAE workshop was conducted for the third and final year students. The Chief Guest K.N.Balaji, Consultant, Renault Nissan Business Centre, Chennai presented the Keynote Address.

The Department of Electronics and Instrumentation Engineering

Mr.K.Lakshmikhandan, Dr.Andy Srinivasan, Professor and Ms. M. Dharani published a paper on the 'Performance Analysis of 11-Multilevel Inverters using Sinusoidal PWM Techniques with Reduced Switching



Seminar on 'Opportunities and Challenges of an Instrumentation Engineer'

Pattern' in the Asian Journal of Research in Social Sciences and Humanities, Print:2250-1665, E: 2249-7315, IF-3.094.

Dr.K.Ayyar, A.P (Sl. G.) published a paper on the 'Review on controller for flow control applications' in the Global Journal of Pure and Applied Mathematics, Aug-2016, Volume No. 12(4) Page No. 120-123, 0973-1768/peer/SCOPUS.



Industrial Visit to Poppys Garments Industry, Tiruppur & Sharp Electrodes, Coimbatore

Dr. A.Rathinam and Ms. S.Vanila, A.P (Sr. G.) published a paper on the 'Coordinated Obstacle Avoidance System of S-BOTS' in the Indian Journal of Science & Engineering and Humanities, Sep-2016, SCOPUS/1.2

Ms. R.Umamaheswari A.P (O.G.) and Dr. P.Nirmal Kumar published a paper on the 'An FPGA Implementation of FSM based 2-step Interleaver for 3G-LTE Turbo Codes' in the Journal of Computational and Theoretical Nanoscience, Volume No. 13, 2016.

The Dept. in association with the ISA VMEC Student Charter organized a Seminar on 'Opportunities and Challenges of an Instrumentation Engineer' on 15.09.16





Industrial visit to Hycon Power Electronics Pvt Ltd, Thrissur

by Dr.J.Prakash, Professor & Head, Dept. of Instrumentation, MIT Campus, Chennai.

The Dept. in association with the ISA VMEC Student Charter organized a Guest lecture on the 'Internet of Things on the Process Control Industrial Applications' on 15.07.16 by Mr.M.Narendra Babu, Sr.Application Engineer, TI-INDIA Starcom Information Technology Ltd, Bangalore.

Faculty members of the Dept. of EIE visited the Technocraft Automation Solutions Pvt Ltd, Chennai on 27^{th} July 2016.

The third year U.G students (Section-1) of the Dept. of ElE visited Poppys Garments Industry, Tiruppur & Sharp Electrodes, Coimbatore on 12-08-2016 and Radio Astronomy Centre, OOTY on 13-08-2016.

The third year U.G students of the Dept. of EIE visited Hycon Power Electronics Pvt Ltd, Thrissur, Kerala, on 30-09-2016 and Transformers and Electricals Kerala Ltd, Angamaly, Kerala on 01-10-2016.

Ms.V.P.Sandhya, A.P(S.G), Ms.Z.Jenifer, A.P (O.G) and Mr.K.R.Ganesh, A.P (O.G) conducted the Value



Saplings planted by the Principal and the Vice Principal during the event ORKESTRIM 2k16 on 20.08.06.



Release of souvenir of the National Level Technical Symposium ORKESTRIM 2k16

The Dept. of Electronics & Instrumentation Engineering in association with ISA VMEC Students' Charter conducted the 6th National Level Technical Symposium ORKESTRIM 2K16 on 20th August 2016 focusing on the theme 'Improving Agriculture by Empowering Instrumentation'. About 142 Students from various reputed colleges of India and 32 students from Valliammai Engineering College participated. 32 students presented papers on the latest technological inventions and the promising seeds for the future electronics.

The welcome address was delivered by the Student President, Mr. T.Balaji, followed by the felicitation by Dr.B.Chidambararajan, Principal and Dr.M.Murugan, Vice Principal. The inaugural address was delivered by the Chief Guest Mr.A.Gowthaman, Deputy Instrumentation Manager, CPCL, Chennai & an Executive Member of the International Society of Automation. The Souvenir was released. The plant saplings were given by Dr.S.Visalakshi, Professor and Head of the Dept. and by the Symposium Coordinator Mr.P.Tamilmani, A.P(Sl.G). Finally, the inaugural function ended with a Vote of Thanks by the student secretary Mr.J.Premsagar.

Added Course on the 'Matlab for Computer Control of Process and Signal Processing' from 15-07-2016 to 19-08-2016.

S.Karthik, III Year EIE and B.Harish Kumar, IV Year EIE received the Anna University Annual Sports Award (cash prize) for the year 2015-16 on 07.09.2016 at Anna University Chennai.



The Department of Management Studies

An Industrial Visit to Addison & Co Ltd (A Member of Amalgamations Group) was organized on 02.07.2016 to the Teaching Staff Members of the MBA Dept.

The Dept. of Management Studies in association with the Confederation of Indian Industries, Chennai conducted Webinar on Career Guidance for the final year Mechanical Engineering students on 19th July 2016.



Industrial Visit to Addison & Co Ltd

NPTEL

134 Faculty members and 388 students appeared for the NPTEL Online Certification Examination for July-September 2016 session for 42 different Online Courses.

Totally 96 (39 Faculties and 57 students) registered for the NPTEL Online Certification Examination for July-October 2016 session for 13 different Online Courses.

Our Faculty members Ms.N.Subhashini and Ms.R.Birundha Dept. of ECE were the toppers in the NPTEL Online Certification Courses, Basic Tools of Microwave Engineering examination held in April 2016.

Mr.Jaison Isaac Prince P, Ms.Jeevana.V and Mr.M.Uthavanatha Sarath Santhar of Dept. of EEE were the toppers in the NPTEL Online Examination, March 2016.

Prof. Lakshmana Perumal N (English), Mrs. Sheeba Manodh (English), Mrs.R.Saranya (IT), Dr.S.G.Gunasekaran (Chemistry), Dr.K.Sarojini, Mrs.S.Sowmiya, Mrs. Ramya Rajan M P, Mrs.S Gandhimathi of Dept. of Physics were also the toppers in NPTEL Online Examination, March 2016 for the different Online Courses.■

Alumni Meet 'SHIMMER 2016'



Valliammai 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 going back to her mother's place. Dr.B.Chidhambara Rajan, Principal and Dr.M.Murugan, Vice Principal and Heads of all Depts of the College were present on the occasion. Around 187 participants attended the Meet.■

As a part of the Institutional Social Responsibility, the Dept. of Management Studies conducted a one day program on 'Career Guidance and Career Options' for the 12th Standard students at Guduvanchery Government Girls' Higher Secondary School on



Webinar on Career Guidance for the final year Mechanical Engineering students

19.07.2016. Mrs.L.Sujatha and Mr.VT. Baalaji Amuthan were the Resource Persons for the event.

A Guest Lecture on the 'FDI Issues and Challenges' was conducted on 05.08.2016 for the Second Year



Guest Lecture on the 'FDI Issues and Challenges'

MBA Students. The lecture was delivered by Mr. E. Harry Christopher, Project Manager, Bank of New York Mellon, Pershing India (P) Ltd.

A Guest Lecture on 'Ethics in Advertising' was conducted on 27.09.2016 for the Second Year MBA Students. The lecture was delivered by Mr. S. Amos



Guest Lecture on 'Ethics in Advertising'

Rolston, Sr. Faculty from Aachi Institute of Management and Entrepreneurial Development.

As part of the 'Institutional Social Responsibility (ISR)' - MBA Dept conducted a program on 'Career Guidance and Career Options' for 12th std Girl students at Guduvanchery Govt. Girls' Higher Secondary Schools on 19.07.2016.

Value Added Courses

Value Added Courses were planned and conducted outside the regular hours on optional basis for the year 2016-2017 for Odd Semester students to provide an opportunity to choose the courses for enhancing their technical skills. The courses were expected to bridge the perceived technical competency gaps and to improve the employability prospects of the students. 7 courses were conducted during the Odd Semester and 189 students participated in it. The Courses were pertaining to all the branches and some of the Courses were 'Drafting and Modelling Software Using Autocad, PHP and MySQL, MATLAB for Computer Control of Process and Signal Processing, Java Programming Concepts, Mechanical Element Design and Modeling using Pro-Engineering, Logistics Management and Mobile Application Development for Android OS and so on.

The FOSS Courses from IIT Mumbai in this current semester has raised the standards by roping in 8 courses sponsored by the IIT Mumbai, Google and Ministry of HRD. The IIT Mumbai Free Open Source Software Courses were conducted and 445 students were enrolled. 258 students took the exams and 149 were certified. Presently, there are 8 ongoing courses wherein 400 students have been enrolled and are supposed to take their exams in March 2017.■





The Department of Master of Computer Applications

The Dept of Computer Applications has been nominated as the 'Institute of the year Chennai' for the MCA College Category from the Higher Education Review Magazine, Bangalore.



Industrial Visit to Raysoft Technologies



Guest Lecture on 'The Security in Open Source Software'

The Faculty members of the Dept of Computer Applications went on a one day Industrial Visit to Raysoft Technologies, Chennai on 16.07.2016.

Mrs. D. Sridevi, Assistant Professor attended an FDP on the 'Data Science and Big Data Analytics' at Jeppiar

Entrepreneurship Development Cell

Entrepreneurship Development Cell in association with the Computer Science and Engineering Dept. of Valliammai Engineering College organized a three day Entrepreneurship Awareness Camp, sponsored by Entrepreneurship Development Institute, Ahmedabad, National Science and Technology Entrepreneurship Development Board, (DST NIMAT Project 2016-17) for the student fraternity on 21, 22 & 23.7.2016. The camp was inaugurated by Mr B.G.Venkatesh, Founder and CEO, Campus Tiger, in the presence of Dr. B. Chidambararajan, the Principal and Dr. M. Murugan, the Vice Principal, Valliammai Engineering College.

Experts from the Industries, Government were invited to address the students on entrepreneurship, availability of technology assistance and starting up a small scale industry. More than 200 students from various engineering and polytechnic colleges participated in the camp.

Dr.C.P.Rosy Fernando, Founder & CEO, Startup Solutions, NENStanford University Certified Entrepreneurship Educator and Business Mentor talked on 'Nuances of Entrepreneurship'.

Mr.K.Jagadeesan, CEO of Unitech Plasto Components Private Ltd, Chennai a delivered on 'Entrepreneurship Endeavours'.

Dr.E.Bhaskaran, Director, Entrepreneurship Development Institute, MSME Chennai, explained the "Ten steps to become a successful entrepreneur'.



Dept. Of CSE and Entrepreneurship Development Cell organized three days Entrepreneurship Awareness Camp on 21, 22 & 23.07.2016

Mrs.Indra Ramanidharan, President, Knowledge Tree | Training Academy delivered a lecture on the | 'Communication Skills for Better results in Business'.

Mr.P.Anand Babu, Senior Manager, University Relation, ICT Academy of Tamil Nadu, delivered a lecture on the 'Creativity and Business: The man behind the venture: The Behavioral Approach'.

Students went on an Industrial Visit to Woory Automotive India Pvt. Ltd, IP Rings Ltd and Virgo Polymers.

As a part of Entrepreneurship Development Initiatives, Second Year students of the Dept. of Management Studies conducted the 'Stall Building' Activity on 28th & 29th Sept. 2016 between 12.00 and 1.00 pm. Students participated in two groups and setup food stalls during the lunch hours. Students made an initial investment of Rs. 20,000/- which helped them in generating profits. The activity gave the students an opportunity to put their entrepreneurial skills to test.





Students of VAC on Android OS development

Institute of Tecnology from 26.07.2016 to 30.07.2016 organized by the ICTACT.

Mr. S. Parthasarathy, Assistant Professor (Sel.G), organized a Guest Lecture on 'The Security in Open Source Software' in association with VECCSI Student Branch, ICTACT and co-organized by IQAC, VEC on 28.07.2016. Mr.Bhaskar, CEO., LinuXpert System was the Chief Guest.

Mr. C.Vijayakumaran, Assistant Professor (Sel.G), organized a Guest Lecture on the 'Recent Trends in Mobile Application' in association with VECCSI Student Branch, ICTACT and co-organized by IQAC, VEC on 09.08.2016. Mr.S.Manikandan, Senior Software Engineer, CapGemini, Chennai was the Chief Guest.

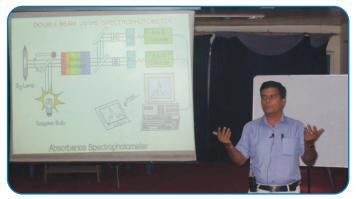
The first phase of Value Added Course on the 'Mobile Application Development for Android OS' was conducted during 20th July 2016 and 06th August 2016. Mr. C. Vijayakumaran, AP(Sel.G) acted as the Course Coordinator and offered the course. A total of 26 candidates registered and attended the course.



As a part of Institutional Social Responsibility (ISR) - MBA Department conducted a programme on 'Career Guidance and Career Options' at Guduvanchery Govt. Girls HSS on 19.7.2016



The Department of Chemistry



Guest Lecture on 'Spectroscopy'

A Guest lecture was delivered by Dr. A. Rajendran, Asst. Professor, Sir Theagaraya College, Chennai on 'Spectroscopy' in August 23, 2016.

Dr. L. Devaraj Stephen attended the Science Exhibition (Vigyana Pradarshini) as the Judge at Srivatsa Viswanathan Vivekananda Vidyalaya Jr. College, Chennai on September 27, 2016.

Dr. J. Krishnamurti presented a paper on the 'Catalytic Enantio selective intermolecular cycloaddition of carbonyl ylide with allenes dipolarophiles mediated by chiral dirhodium carboxylate' in an international Conference on Science and Technology: Future Challenges and Solutions-2016, held during 8-9, August 2016 at University of Mysore, India.

Dr. S.G. Gunasekaran, Mr. V. Arivalagan and Dr.L.Devaraj Stephen published a paper on 'Triaryl Pendant Pyridine Core Hydroxyl Terminal Benzoxazine Based Polybenzoxazine-Silica (PBZ-SiO2) Hybrid Nanocomposites' in the Journal of Nanoscience and Nanotechnology, Vol. 17, pp. 1-13, September 2016.



The Department of English



Burke Club oratorical competition

The English Dept under the auspices of 'Burke Club' organized oratorical competitions on 20th August 2016 and 21st September 2016. The judges for the event were Dr. B. Vanathi, Head, Dept of Computer Science and Engineering and Dr.S.Thirugnanam, Head, department of Mechanical Engineering respectively. The first year students participated enthusiastically in the competition. The winners were awarded prizes and certificates for their sterling performance.

A workshop on 'Turning the learners into better communicators' was organised by the dept of English on 14.07.16. The Resource person was Dr.B. Nirmala, Founder, CEO -Mercury Skills Enrichment Academy. The third year students of Electrical and Electronics Engineering and Electronics and Instrumentation Engineering depts attended the workshop.

The Department of Mathematics



Guest Lecture on the 'Fourier Transforms and its Applications'

The Mathematics Association 'Euler.Com' organized a Guest Lecture on the 'Fourier Transforms and its Applications' on 17th August 2016.The third semester

ECE, EEE, and EIE students, attended the Guest Lecture, delivered by Dr. D. J. Prabhakaran, AP, MIT, Chennai.

Ms. T. Isaiyarasi defended her Ph.D public viva-voce examination on the 'Key Agreement Protocols and Digital Signature Algorithms in Discrete Heisenberg group' on 2nd September at Bharathiyar University.

Dr. S.Chitra, Assistant Professor (SI.G) presented a paper on the 'Adventures of Modern Teaching' in the National Conference organized by the IQAC at The M.D.T. Hindu College Tirunelveli.



The Department of Physics

Dr.M.Anbuchezhiyan delivered an invited talk on the 'Non linear optical materials' in the National Level Workshop on 'Revealing the advances in material science' held at Sri Sairam Institute of Technology, during July 19-20, 2016 and Ms.R.Nithya Balaji participated in the National Level Workshop.

Ms.S.Gandhimathi presented a paper on the 'Proton conducting high performance polymer electrolyte membranes for fuel cell applications' conducted at C.Abdul Hakeem College of Engineering & Technology, Melvisharam, Vellore, TamilNadu during 27-28 July 2016.

A Guest lecture was delivered by Dr. Victor Jaya, Professor, Dept. of Physics. Anna University on 'Nano Corrosion' on 31st August 2016.

Ms.R.Nithya Balaji and Ms.Ramya Rajan.M.P participated in the National Level Workshop on the 'Materials Characterization Technique' [Problem Solving Approach] organized by the Dept. of Physics, SRM University, Ramapuram Campus, during Sept. 2-3, 2016.

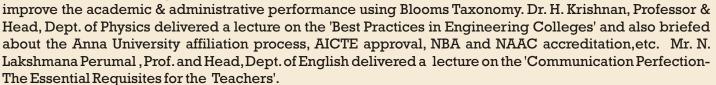


Faculty Induction Programme

Faculty Induction Programme for the newly joined Faculty members of our college was conducted on 01.07.2016. Twenty Faculty members attended the programme.

Dr. M. Murugan, Vice Principal, inaugurated the programme and delivered a lecture on the 'Job Responsibilities of the Engineering College Teachers' and explained the official procedures that are to be followed in the college.

Dr. A. Abdul Rasheed, Prof. & Head, MCA, elaborated on the 'Internal Quality Assurance Cell (IQAC)' to



Dr. M.Anbuchezhiyan, ISO-MR & Associate Professor, Dept. of Physics elaborated on the 'Quality objectives and various processes of the ISO 9001:2008' followed in our College. He also explained how to maintain the ISO files in the Dept and talked about the local chapter 'NPTEL on-line Examination' and encouraged the Staff to register for the same. Mr. G. Madhusudanan, Asst. Prof. (Sel.G) Dept. of EEE, delivered a detailed lecture on the rules and regulations that are to be followed by the Faculties during the web portal entry and in the University examinations. Dr. B. Balamurugan, Librarian, presented on the Digital library, e-Journals, e-book facilities, etc., available in the Central Library, VEC.



The Department of Placement

Scholasticus Ingenium



epartment of Placement and Career Guidance inaugurated the club 'Scholasticus Ingenium' on 15th July 2016 for the students and conducted thirteen competitions such as Shipwreck, Pitch Perfect, Lawyers Up, Spin A Yarn, ADZUP, Block and Tackle, Picture Talk, Newspaper Collage, JAM, Dumb Charadas, Adaptive Script Writing, Debate and Channel Surfing.

The Department of Placement and Career Guidance conducted the following training programmes for the final year students.

Training Programmes	Dates
Aptitude Training	25 th to 28 th Aug. 2016
Technical Training	30 th & 31 st Aug. 2016
Soft Skill Training	3 rd & 4 th Sept. 2016
Mock Interview	11 th Sept. 2016
Interview Techniques	13 th Sept. 2016
Accenture Paper Discussion	24 th Sept. 2016
TCS Paper Discussion	3 rd Oct. 2016

The following Companies conducted their campus recruitments for our final year Students of different departments.

Companies	No. of Students selected
Accenture	248
Wipro	34
Maveric System	4
Ionixx Technologies	1
Kaar Technologies	1



The Department of Physical Education



Dr.M.C.Gangadharan, DPED, S.Karthik, III Year EIE & B.Harish Kumar, IV Year EIE receiving the Anna University Award from the Hon'ble Education, and Sports and Youth Welfare Minister of TN

Dr.M.C.Gangadharan, DPED, Mr. S.Karthik, III Year EIE and Mr.B.Harish Kumar, IV Year EIE received the Anna University Annual Sports Award (cash prize) for the year 2015-16 on 07.09.2016 at Anna University Chennai from Hon'ble K.Pandiarajan, Education and Sports and Youth Welfare Minister, TN.



Our College Cricket Team won First Place in Anna University
Zone IV Tournament

Our College Cricket Team won the First Place in Anna University Zone IV Tournament conducted by



College Ball Badminton Team (Women) won First Place in Anna University
Zone IV Ball Badminton Tournament

Dhanalakshmi Engineering College during the Academic Year 2016-17.

Our College Ball Badminton Team (Women) won the First Place in Anna University Zone IV Ball Badminton Tournament held on 27.09.2016 during the Academic year 2016-17.

Our College Basket Ball Team won the First Place in Anna University Zone IV Tournament conducted by Sri Ramanujar Engineering College.

National Service Scheme

For the Inaugural Function for First Year UG Students, the NSS unit guided the freshers and their parents in the Auditorium. The volunteers also distributed the snacks and beverages to the Guests.



NSS Volunteers guiding First Year UG students in the Inaugural Function

70th Independence Day was organized and conducted by the NSS volunteers & Paarivendhar Student Tamil Association members on 15th August 2016. Dr.S.Thirugnanam, HOD / Dept of Mechanical Engineering hoisted the National Flag. Dr.M.Murugan, Vice-Principal talked on the citizenship and democracy. M.Yokhasri, II Year ECE spoke about the freedom fighters of India. R.Gopalakrishna, II Year Mechanical recollected the sacrifices of the great leaders in getting freedom for India. Dr.M. Murugan, Vice-Principal distributed the prizes for Essay & Lyric writing, Oratorical & Debate competitions.

The NSS Unit organized the mass singing of the National Anthem on 23.08.2016 as the 70th Year of Independence had been declared as 'Azadi 70 Yaad Karo Kurbani' for the period 9th to 23rd Aug. 2016.





70th Independence Day Celebration

Mr.S.Parthasarathy, NSS Programme Officer spoke on the spirit of freedom struggle and national movement among the younger generation.

Madhan Kumar R, III ECE & Yokhasri M, II ECE were nominated from Valliammai Engineering College for the Pre Republic Day Parade State Level Selection Camp 2016 to be held at Anna University Regional Office, Coimbatore.

University Level NSS Award function for the academic year 2015-16 was held on 24.09.2016 at the Vivekananda Auditorium, Anna University. The entire event was volunteered by Valliammai Engineering College NSS Unit. Our College received the 'Best NSS Unit' and 'Best Programme Officer' awards from the hands of the Chief Guest Prof.P.Narayanasamy, Dr. S.Ganesan, Registrar, Anna University, Mr.C.Samuel Chelliah, NSS Regional Director and Mr.R.Ramesh, NSS Program Coordinator.



Our College received the Best NSS Unit and Best Programme Officer awards

The NSS Unit and the Student Affairs Cell of VEC organized a 'Wellness Programme' for the volunteers and students from 26 to 30.09.16. Mrs. Piramukutty, Managing Trustee Manavalakalai,



Practising Yoga at our campus

World Community Centre and her team trained the Sky Yoga and the Manavalakalai Yoga for more than fifty students.





VEC NEWS





9th Rank - ME (CAD/CAM)







15th Rank - BE(EIE)



RAGHAVENDRAN C R 16th Rank - ME (PSE)



PRAVEEN KUMAR T H 26th Rank - ME (STR.E)





JOHARAN BEEVI M 23th Rank - ME (CSE)



NANCY PRIYANKA W L 31th Rank - ME (CS)



32^{ml} Rank - BE (ECE)



34th Rank - ME (CS)



LALITHA KUMARI V 36th Rank - BE (EIE)



KEERTHIKA D 38th Rank - ME (CSE)



MATHUBALA P K **39th Rank - ME ((CS))**



MANOUBALA P K



VAISHNAVI R



Hearty
Congratulations
SANGEETHA V
46° Rank - BE (EIE)



42^{md} Rank - BE (EIE)





45th Rank - ME (STR.E)



SANJU BAVYADHARSHINE S **46th Rank - BE (EIE)**



46th Rank - ME (CSE)







Computer Society of India has awarded Best Accredited Student Branch Award to our college for the year 2015-16.



The Rolling cup is given to I Year IT -2 for their First position in Periodical Test I during the Academic Year 2016-17