



Valliammai Engineering College

SRM Nagar, Kattankulathur - 603 203.
Email : srmvec@valliammai.co.in
Website : www.valliammai.co.in

VEC NEWS

[Quarterly]

Vol. 6 No. 4

Oct. - Dec. 2017



Vetri Padigal

The Vetri Padigal Program was organized at Valliammai Engineering College in association with 'Puthiya Thalaimurai' on 25th Nov. 2017 for the benefit of +2 students aspiring for admission to professional courses.

Mr.Soma Valliappan, the Chief Guest delivered the special address. Dr.Thanigachalam, an expert spoke on health aspects. Mr.Govindaraj, the NEET expert spoke on NEET examination. The different subject experts Mr.Mariappan (Mathematics), Mr.Kaliyamurthy (Physics/ Chemistry/ Biology), Mr.Gajapathy (Commerce & Accounts). The Presidential address was delivered by Dr.T.P.Ganesan, Director (VEC). Dr.B.Chidhambara Rajan, the Principal delivered the welcome address and Dr.M.Murugan, the Vice Principal proposed a vote of thanks. ■



Department of Civil Engineering

K. Jeevitha of second year Civil B secured the first prize in 'Tamilnadu Mini Marathon' organized by the Government of Tamilnadu on 01.10.17.

Mr.E.S. Dinesh Babu/Mr.R. Karthick, A.P., attended a one day Faculty Development Programme on 'Sustainable Materials in Civil Engineering' at St. Joseph's College of Engineering on 09.11.17.

The Faculty members of the Dept of Civil Engineering went on an Industrial Visit to the 'Institute of Hydraulics and Hydrology Poondi' on 16.11.2017.



Faculty Industrial Visit to Poondi

The Dept of Civil Engineering organized a Faculty Development Programme on Soil Mechanics on 22.11.2017 & 23.11.2017.



Lecture on Soil Classification by Dr.S.Bhuvaneshwari, Asst. Prof., VELS University.

Mr. M. Moganraj, A.P., Was the Topper in the NPTEL in 'Geotechnical Engineering Laboratory' course.

Mr.C. Arumugam and Mr.G. Vaithyanathan, Assistant Professors, Dept of Civil Engineering were the Toppers in NPTEL in the 'Design of Reinforced Concrete Structures' course.

Dr.A.Leema Rose, Asso.Prof. and Mr.A.Sattainathan Sharma, A.P., secured Gold in NPTEL in 'Design of Reinforced Concrete Structures' course

Mr. Arunraj Christadoss, A.P., attended a two day Workshop on 'Corrosion Resistance in Structures' at Rajalakshmi Engineering College on 28.12.17 and 29.12.17

43 students from second year, 139 students from third year and 81 students from final year attended In-plant Training in various organizations during their semester holidays.



32nd Indian Engineering Congress

Our Director Dr.T.P. Ganesan, our Principal Dr.B.Chidhambara Rajan, our Vice Principal Dr.M. Murugan and our Head of the department Dr.D. Elango participated as delegates in the 32nd Indian Engineering Congress on the theme 'Innovation in Engineering: Competitive Strategy Perspective' organised by The Institution of Engineers (India) and hosted by Tamilnadu State Centre at Chennai during 21st to 23rd of December, 2017.

Dewang Mehta Award



Dewang Mehta National Education Awards awarded ' Education Leadership Award' to our Principal on 12.12.2017 during the Academic Year 2017-18

'Principal's Meet'

VEC in collaboration with Puthiyathalaimurai organized the 'Principal's Meet' on 7th October 2017. Mr.T.Udhayachandran, Secretary, School Education Department, Govt. of Tamil Nadu, spoke on the syllabus formation, enhancing the academic skills of students at schools and how to face entrance examinations such as NEET. In the special address, RBU. Shyam Kumar, CEO of Puthiyathalaimurai offered his felicitation. Dr.T.P.Ganesan, Director VEC delivered his presidential address. Dr.M.Murugan, the Vice Principal delivered the welcome address. ■



Department of Computer Science and Engineering

Mr. M. Nagarajan and Mr. M. Mayuranathan published a paper on 'A Deep Survey on Sole and Essence of Hand Mudra(s)' in the International Journal of Creative Research Thoughts, Vol: 5, Issue 4, ISSN: 2320-2882, October 2017.

Dr. V. Dhanakoti published a paper on 'Big Data Stream Security and Privacy' in the International Journal of Electronics, Electrical and Computational System, Vol: 6, Issue 11, ISSN: 2348-117x, November 2017.

Mr.P.N.Rajkumar (UG Student) and Dr. V. Dhanakoti published a paper on the 'Advancement of Social Engineering by Incorporating Personality based Model' in the International Journal of Innovations & Advancement in Computer Science, Vol. 6, issue: 11, ISSN:2347-8616, November 2017.

Mr. Srinath Vikramkumar and Dr. V. Dhanakoti published a paper on the 'Mind wave Based Gaming Controller Using User Friendly EEG Signal Acquisition' in the International Journal of Innovations & Advancement in Computer Science, Vol. 6, issue: 11, ISSN: 2347-8616, November 2017.

Dr.B.Muthusenthil published a paper on 'SecuEDGE - Video Security and Privacy IoT Device for CCTV' in the 3rd International Workshop on the Convergence Information Technology (IWCIT 2017) held in Busan, Korea December 21 -23, 2017.

Dr.B.Muthusenthil published a paper on the 'Trust Evaluation Scheme for the Cloud Data Security using Fuzzy based Approach' in the International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 13 (2017) pp. 3908-3913.

Dr.B.Muthusenthil published a paper on 'SHRP - Secure Hybrid Routing Protocol over Hierarchical Wireless Sensor Networks' in the International Journal of Computers Communications & Control ISSN 1841-9836 Volume 12, Number 6 (2017) pp. 825 -841

Mr.N.Leo Bright Tennisson participated in a three day Faculty Development Program on the 'Internet of Things (IoT) for the Industrial Applications' held on 7th to 9th December 2017 organized by the Centre for Internet of Things, Rajalakshmi Institute of Technology.

Mr.N.Leo Bright Tennisson participated in a two day Faculty Development Program on the 'Microprocessor and Microcontroller' held on 27th and 28th November 2017 organized by the Dept. of Computer Science and Engineering, Valliammai Engineering College.

Mr.G.Kumaresan participated in a one week Faculty Development Program on the 'Internet of Things and Smart Applications' held during 27th November 2017 to 1st December 2017 in CVR College of Engineering.

Dr.A.Samydurai participated in a two day Faculty Development Program on 'Entrepreneurship' held during 13th November 2017 to 24th November 2017 in St. Peter's Engineering College, Technology Business Incubator.

Ms.C.Pabitha participated in a two day workshop on 'Deep Learning Techniques for Language Processing, Image, Speech & Text (DL-LIST' 17)' held on 10th and 11th November 2017 organized by the Dept. of Computer Science and Engineering, Anna University.

Ms.G.Sangeetha and Mr. K. Shanmugam participated in a seven day Faculty Development Program on the 'Compiler Design' held on 20th to 26th November 2017 organized by the Centre for Faculty Development, Anna University.

Ms.S.Suma and Ms. R. Anitha participated in a seven day Faculty Development Program on 'Operating Systems' held on 27th November to 3rd December 2017 organized by the Dept. of Computer Technology, MIT Campus, Anna University.

Ms.K.Devi and Ms.A.Vidhya participated in the Anna University approved seven day Faculty Development Program on 'Multi-Core Architecture' held on 13th to 20th November 2017 organized by Pannimalar Engineering College.

Ms.M.Priyadharshini and Mr. N.Poornima participated in a Short-term Course on 'Python Programming' held on 20th to 24th November 2017 organized by the National Institute of Technical Teachers Training & Research, Government of India, Ministry of Human Resource Development.

Ms.C.Pabitha participated in a five day Faculty Development Program on 'Machine Learning using R-Programming' held on 27th November to 1st December 2017 organized by SRM University, Vadapalani Campus.

Dr.B.Muthusenthil completed his Post-Doctoral Fellowship and presented a Thesis entitled the 'Development of Closed-Circuit Television Video Security System Based on Zero-Steganography and Lightweight Cryptography' in Information Security Research Institute, WookYoung Information Technology, Buk-Gu, and Daegu, South Korea.

Dr.B.Muthusenthil fetched a Memorandum of Understanding / Agreement of Cooperation Between Valliammai Engineering College, SRM Nagar, Kattankulathur, Kancheepuram (Dist.), Tamil Nadu, India & the Research Center of Information Cross-over Security, Kyungil University, South Korea.



Dr. B. Muthusenthil completed his Post-Doctoral Fellowship

Dr.B.Muthusenthil fetched a Memorandum of Understanding / Agreement of Cooperation between Valliammai Engineering College, SRM Nagar, Kattankulathur, Kancheepuram (Dist.), Tamil Nadu, India & Information Security Research Institute Lab, WookYoung Information Technology, Buk-gu, Daegu, South Korea.

A one day Faculty Development Programme on the 'Knowledge Management' was held on 15th December 2017.



FDP on 'Knowledge Management'

A two day Faculty Development Programme on the 'Microprocessor & Microcontroller' was held on 27th and 28th November 2017.

A one day Staff Development Programme for the supporting staff was organized on 'Python Programming' on 09th November 2017.



SDP on 'Python Programming' held on 09.11.2017

A Guest Lecture on 'IoT and Digital Transformation' was organized for the benefit of the students of CSE,IT & MCA. Their Resource Persons were Mr. Srinivasan Narayanan, CTO/Co-Founder, ECS Datamatics, Chennai and Mr.Poornachandran, CVEC Alumni-IT Dept), Data Scientist, ECS Datamatics, Chennai.

A one day National Workshop was conducted on the 'Guidelines for Patent Drafting and IPR in E & IT Sector' Sponsored by the Ministry of Electronics and Information Technology (MEITY) and Ministry of Communication and Information Technology, New Delhi on 28th December 2017. The workshop was inaugurated by the Chief Guest Dr.S.P.Subramanian, Deputy Controller of Patents & Design and Head of Southern Region.



National Workshop on 'Guidelines for Patent Drafting and IPR in E & IT Sector'

STAFF INDUSTRIAL VISIT

The staff members of CSE, IT, EIE and MCA departments went on an industrial visit to the 'New Generation Media Corporation Pvt Ltd' in Chennai on 27-11-2017(Monday). Mr.R.Sundara Pandian, Vice-president, Technical adviser presented the session about the broadcasting of digital television in networking.



VALLIAMMAI ENGINEERING COLLEGE 27-11-2017

Department of Electrical and Electronics Engineering

As part of Renewable Energy Club activities, paper presentation was conducted for EEE and Mechanical students on 5th October 2017.

Conducted a one day Staff Development Programme on the 'Hands on training on Repair and Service on Microprocessors and Microcontrollers' on 27th October 2017. Mr.J.Gokulkumar, Training Head, Pantech Pro ED Pvt Ltd, Chennai, was the Resource Person.



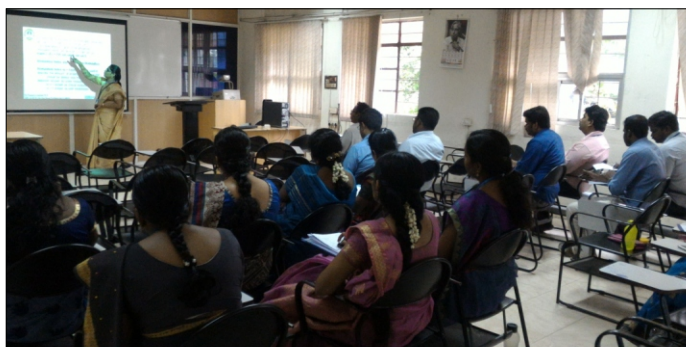
SDP on 'Hands on training on Repair and Service on Microprocessor & Microcontroller'

Conducted a Faculty Development Programme on 'Object Oriented Programming' on 9th and 10th November 2017. Ms.P.Sharmila, Asso. Prof., SSIT, Dr.L.Karthikeyan, Asso. Prof., VEC and Ms.J.M.Nandhini, Asso. Prof., SSIT were the Resource Persons.



FDP on 'Object Oriented Programming'

Conducted a Faculty Development Programme on 'Communication Engineering' on 13th and 14th November 2017. Mrs.N.Nazeeya Anjum, A.P., SSEC and Ms.N.Subhashini, A.P., ECE of VEC were the Resource Persons.



FDP on 'Communication Engineering'

Conducted a Faculty Development Programme on 'Power Electronics for Renewable Energy Systems' on 15th and 16th November 2017. Dr.R.Sridhar, A.P., SRM University and Dr.S.Malathi, A.P., VEC were the Resource Persons.

Department of Electronics and Communication Engineering

Dr.M.Murugan coauthored a paper on, 'Modified Raised Cosine Power Pulse (MRCP) shape based solution to reduce the sensitivity to carrier frequency offset in Rayleigh faded OFDM system', Journal of Computational and Theoretical Nanoscience (CTN), Vol.14, No.9, pp.4222-4226, 2017. ISSN: 1546-1955. (WoS)

Dr.M.Murugan coauthored a paper on, 'Distributed Control System using Wired Communication Channel', Journal of Electronic Design Technology, ISSN: 2229-6980, Vol. 8 Issue 2, pp. 28-33, 2017.

Dr.M.Murugan coauthored a paper on, 'Unoccupied Floor Extraction in Autonomous Mobile Robot Navigation', Journal of Electronic Design and Technology, Vol. 8 Issue 2, pp.41-44, 2017.

Mr.V.R.Balaji (Research Scholar) and Dr. M. Murugan coauthored a paper on the 'Integration of 100 GHz and 50 GHz Spectral Bandwidth Wavelength Demultiplexer using 2D Photonic Crystal', AIP Conference Proceedings, 1849, 020015 (2017); DOI: 10.1063/1.4984162.

Ms.T.S.Sheriba, (Asst. Prof. & Research Scholar), Dr.M.Murugan and M. Aravindan (PG Student) coauthored a paper on the 'Slotted Square Patch Antenna for C- band and S- band Applications', Proceedings of National Conference on Electronics, Communication and Computing (NCECC-2017), Trinity College of Engineering & Research, Pune, 2017, pp.27.

Dr.M.Murugan coauthored a paper on the 'Number of Subcarriers Based Performance Investigation for Rician Faded OFDM System', National Conference on Electronics, Communication and Computing (NCECC 2017), Trinity College of Engineering & Research, Pune, 2017, pp: 18.

Faculty Development Programme



A Faculty Development Programme on the 'Teaching and Learning Enhancement through Outcome Based Education' was conducted on 07.12.17 and 08.12.17. 76 Faculty members from various Engineering Colleges participated in the programme. Dr. M. Murugan Prof, Vice Principal initiated the discussion about the NBA process and suggested to go with the original data and maintain ethics. The Chief Guest Dr.P.Malliga, Asso Prof, Sr. System Analyst, Head I/C, Centre for Educational Media and Technology, NITTTT, Chennai delivered a lecture on the Technology Enabled Learning and pointed out the easiness of conducting quiz using online tools, followed by Dr. Komala James Prof/ECE, Mr.C.Saravanakumar AP/ECE, Ms.N.Subhashini AP/ECE who engaged their sessions with the essential course outcomes.

Faculty Development Programme



A Faculty Development Programme was conducted on the 'Linear Integrated Circuits' on 23.11.2017 and 24.11.2017 for the benefit of our Faculty members. The Resource Person Dr. J. Britto Pari, AP/ECE, Sri Sairam Engineering College and Ms. K. Arthi, AP/ECE, VEC presented their lectures on the 'Analog Integrated Circuits Fundamentals'.



A Faculty Development Programme on the 'Engineering Practices Laboratory' was conducted for the benefit of Faculty members of Physics and ECE dept on 06.12.2017. The Resource Person Ms.T.S.Sheriba AP delivered an expert lecture.

Mr.A.Anbarasan AP published a paper on the 'Security System with Three Way Authentication' in the International Journal of Latest Engineering and Management Research on Volume 02, Issue 10, October 2017.

Dr.N.Usha Bhanu Asso Prof published a paper on the 'Fast Motion Estimation Algorithm using Hybrid Search Patterns for Video Streaming Application' in the International Journal of Computers Communications & Control ISSN 1841-9836, 12(5), 715-727, October 2017.

Torry Harris Software Solutions conducted their Campus Drive on 12.12.2017 for the eligible 2018 batch students. Mr.Varun.M got selected for the company.

Dr.S.Ramesh Asso Prof was elected as a member of IEEE Antennas and Propagation Society Madras Chapter for the year of 2018-2019.

Dr.S.Ramesh, Ms.R.Birundha, Ms.K.Kayalvizhi, Asso Prof, AP and Research Scholar attended the technical sessions of '30th GISFI Standardization Series Meeting and IEEE 5G Summit' held on 16.11.2017 & 17.11.2017 at SRM University, Kattankulathur, Chennai.

Dr.C.Amali AP presented a lecture on the 'Microprocessor 8086 the working set operation and addressing modes and its applications' in the Faculty Development Programme on 27.11.2017 at Dept of CSE, Valliammai Engineering College, Chennai.

Dr.N.Rajesh AP delivered a speech on the 'Design and Implementation of Performance Enhanced Vivaldi Antenna' in an Anna University Sponsored Faculty Development Training Programme on 02.12.2017 at College of Engineering Guindy, Anna University, Chennai.

Mr.A. Anbarasan, A.P. attended a National Workshop on 'cRIO for Renewable Energy Applications' organized by the Centre for Renewable Energy, Faculty of Engg & Technology, Annamalai University and National Instruments Bangalore on 02.12.2017 & 03.12.2017.

Mr.A.G.Murali Krishna, A.P. attended a Seven Day Anna University Sponsored Faculty Development Training Programme on the 'Antenna Wave Propagation' at College of Engineering Guindy, Anna University, Chennai during 27.11.2017 - 03.12.2017.

Ms.S.Jazeela Banu 3rd year Student completed a short term internship programme on the 'Ansys Engineering Simulation & 3-D Design Software' at the Neon Info Tech SEA Co.Ltd, Bangkok, Thailand during 27.11.2017-15.12.2017.

Ms.R.Monisha 2nd year ECE had undergone Vocational Training on Telecom Technologies at Bharat Sanchar Nigam Limited, Trichy Telecom District during 04.12.2017-08.12.2017.

Ms.L.Harini, Ms.R.Sangeetha, Ms.M.Porpavai, Ms.J.Divya, Ms.M.Vaithegi third year Students offered In-Plant training at Ashok Leyland Ltd, Ennore, Chennai during 05.12.2017 - 09.12.2017

Mr.M.A.Seenivasan, AP participated in a Two Day Workshop on the 'Introduction to Robotics' conducted by e-Yantra Team IIT Bombay at College of Engineering Guindy, Anna University, Chennai on 04.12.2017 and 05.12.2017.

Mr.S.Marirajan, AP attended the AICTE Sponsored Five Day Workshop on the 'Nano Technology based VLSI Physical Design' during 04.12.2017 - 08.12.2017 at Francis Xavier Engineering College, Tirunelveli.

Ms.K.Kamala, Ms.S.R.Preethi AP(s) attended a Two Day Workshop on the 'Artificial Intelligence and Machine Learning' at Misrimal Navajee Munoth Jain Engineering College, Thoraipakkam, Chennai during 08.12.2017 - 09.12.2017.

Ms.Indu Nikhil, Ms.A.Suganya, Ms.S.Abirami AP(s) attended the Workshop on the 'Advances in Antenna Theory

and Design' at Loyola-ICAM College of Engineering and Technology, Chennai on 16.12.2017.

Ms. T.S.Sheriba, AP attended the following events.

- The Faculty Development Programme on the 'Teaching and Learning Enhancement through Outcome Based Education' at our premises on 07.12.2017 & 08.12.2017
- The Workshop on 'Advances in Antenna Theory and Design' at Loyola-ICAM College of Engineering and Technology, Chennai on 16.12.2017.

A Workshop was conducted on the 'Guidelines for Time Table' on 16.11.2017 at the Conference Hall, VEC. Dr.Komala James, Time Table Convener delivered a speech on the Excellent Time Table Preparation & Schedule Activities involved on the various Time Tables such as Class Time Table, Individual Faculty Time Table, Non-Teaching Staff Time Table, and Laboratory Time Table & Master Time Table.

A Skill Development Programme on the 'Introduction to Adobe Photoshop' was conducted on 15.11.2017 for the benefit of our Teaching and Non-teaching Staff. Ms.S.Valli and Mr.M.Nagarajan, Programmers, Dept of CSE delivered a lecture on Adobe Photoshop. They explained the basic tools of Photoshop and also narrated the procedure to design Pamphlets, Posters, etc.,



Skill Development Programme on the 'Introduction to Adobe Photoshop'

A Faculty Development Programme on the 'Wireless Networks' was conducted by the Dept of ECE on 21.11.2017 and 22.11.2017. The Resource Person Dr.T.Subashri, AP/ECE, MIT, Anna University and Dr.Komala James, Prof/ECE, VEC engaged their sessions on the 'Wired and Wireless LAN, Mobile Network Layer' and 'Mobile Transport Layer, Wireless WAN' respectively. The Faculty members of ECE participated in the FDP and gained knowledge on wireless networks.



FDP on the 'Wireless Networks'

Faculty Industrial Visit to ISRO



The Faculty members of ECE, Civil, CSE, Mechanical & IT department went on an Industrial Visit to 'Satish Dhawan Space Centre SHAR ISRO' on 07.11.2017 (Tuesday) at Sriharikota, Andhra Pradesh. Mr.R.Krishna Kanth, an Engineer welcomed them and explained the activities and gave an overview of the SDSC SHAR.

EDITORIAL

The Chief Editor : **Dr. B. Chidhambara Rajan**, Principal, VEC
 Editors : **Dr. M. Murugan**, Vice Principal, VEC
 Prof. N. Lakshmana Perumal, Head, Dept. of English
 Ms. M. Arthi, Asst. Prof. (O.G), Dept. of English
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive

Department of Electronics and Instrumentation Engineering



FDP on 'Discrete Time Systems and Signal Processing'

The Faculty Development Programme was held at Valliammai Engineering College on 'Discrete Time Systems and Signal Processing' on 07.11.17 & 08.11.17.



FDP on 'Process Control'

The Faculty Development Programme was held at Valliammai Engineering College on 'Process Control' on 16.11.17 & 17.11.17.



FDP on the 'Integrated Resource and Environmental Management'

The Dept. in association with ISA VMEC Student Charter organized a Staff Development Programme on the 'Integrated Resource and Environmental Management' on 02.11.2017.

Ms.R.Uma Maheshwari A.P completed Ph.D. Public Viva-Voce Examination on the 'Performance analysis and optimization of FFT algorithm in SISO-OFDM architecture for wireless applicators' under the Faculty of Information and Communication Engineering, Anna University, Chennai on 17.11.17.

Ms. R.Manimegalai and Dr. S.Visalakshi, Prof. & HOD published a paper on the 'Intelligent Bidding Strategy for Wind Integrated Decentralized Electric Power Market' in the Journal of Interciencia Journal, vol 42 (11), ISSN- 0378-1844, December 2017.

Mr.Lakshmikhandhan, Dr. Andy Srinivasan, Prof. and Mr.Mohd. Ali Jagabar Sathik published a paper on the 'Single

DC Source-Based Multilevel Converter Topology with Reduced Power Switches and Conduction Losses' in the Journal of Electrical Engineering, pg.299-309,Vol-17,Dec-2017. (Annexture-1).

Ms. K.S.Jaibhavani, A.P. and Ms.B.Hanuja published a paper on the 'Modeling and Development of Decentralized PI Controller for TITO System' in the ieeexplore.ieee.org dated 12.10.2017 with the electronic ISBN: 978-1-5090-3001-9 Print on Demand (PoD) ISBN: 978-1-5090-3002-6.

The Dept. of Electronics and Instrumentation Engineering in association with ISA VMEC Students' Charter conducted a two day FDP on the 'Computer Control of Process' on 21st and 22nd November 2017 for the benefit of Faculties. Dr.K.Renganathan, Professor & Head, Department of EIE, Sri Sairam Engineering College and Ms.K.Rathna Priya A.P./EIE/ VEC, handled the topics on State space, System Identification, Discrete system modeling of SISO and MIMO. Both the Faculty members solved the examples on the state space and identification using MATLAB. Faculty members actively participated and interacted with the Resource Person.

Dr.S.Visalakshi, Prof. and Head, Dr.R.Umamaheswari A.P. and Ms.M.Ramzan Begum A.P. Faculty members of the Department of EIE visited the New Generation Media Corporation Pvt. Ltd, Chennai on 27.11.2017. Mr.R.Sundara Pandian, Vice-president, Technical adviser handled the session on the broadcasting of digital television in networking.

Mr. B. Parameswaran A.P. Department of EIE visited Mahindra and Mahindra CNG plant, Chennai on 24.11.2017.



Industrial Visit to Sakthi Transformers

36 students of II year EIE-3 went on an Industrial visit to various sections of transformer manufacturing, assembling and testing of Sakthi Transformers. The firm is involved in the manufacture and supply of superior grade Electrical Transformers such as Power Transformers, Furnace Transformers, Distribution Transformers and Current Transformers & Potential Transformers. Assembly, Winding, Servicing, Maintenance, Erection, Filtration and Dehydration of the transformers.

Department of Information Technology

Dr.A.R.Revathi, A.P, participated in a two week FDP on the 'Deep Learning for Image and Text Analysis : Principles, Techniques and Challenges' conducted from November 13th to 26th 2017, by the Dept of CSE, SSN College of Engineering, Chennai.

Mr.S.Ravikumar, A.P, participated in a two day FDP on the 'Teaching and Learning Enhancement through outcome based Education' conducted from December 7th to 8th 2017, by the Dept of CSE, VEC.

Ms.R.Shanthi, A.P, participated in a five day FDP on the 'Machine Learning Using R-Programming' conducted from November 27th to December 1st 2017, by the Dept of CSE, SRM and another FDP on the 'Knowledge Management' conducted on December 15th 2017, by the Dept of CSE, VEC

A seminar on the 'Distributed Processing and Networks' was organized on 5th October 2017 and the Resource Person was Mr.Gopalakrishnan, System Engineer, TCS, Chennai.



Seminar on the 'Distributed Processing and Networks'

A two day FDP on the 'Microprocessor and Microcontroller' was organized on November 23rd and 24th 2017 for the staff members and our Dept Faculties were the Resource Persons.



FDP on the 'Microprocessor and Microcontroller'

A one day SDP on the 'Introduction to e-Lab in Python Programming' was organized on November 6th 2017 for the Non-Teaching Staff and the sessions were handled by our Dept Staff.



SDP on the 'Introduction to e-Lab in Python Programming'

A two day FDP on the 'Mobile Application Development Lab' was organized on November 29th and 30th 2017 for the staff members and the Resource Persons were our Dept Staff.

Dr.A.R.Revathi, A.P. and Mr.M.Kavinkumar, A.P. attended a one day Industrial Visit to 'Satish Dhawan Space Centre SHAR, Sriharikota, Andhra Pradesh' on November 07th 2017.

A one day Industrial Visit to 'ECS Datamatics' was organized on November 22nd 2017 for the Staff.



Industrial Visit to 'ECS Datamatics'

Ms.R.Meenakshi, HOD, Dr.S.Narayanan, A.P and Mr.R.Umanesan, A.P. attended a one day Industrial Visit to the 'New Generation Media Corporation Pvt Ltd, Chennai' on November 27th 2017.

Department of Mechanical Engineering

A two day Faculty Development Programme on the 'Production planning and control' was conducted on 07.11.2017 and 08.11.2017 with a view to enriching the knowledge of production planning and control and their applications in industries. Dr.S.Thirugnanam and Mr.G.Anbuechzhayan delivered lectures on varied topics.



FDP on the 'Production planning and control'

A two day Faculty Development Programme on the 'Design of Transmission Systems' was conducted on 14th & 15th Nov. 2017. Dr.B. Gnana Sundara Jeyaraja and Mr.R.Srinivasan delivered lectures on Prominent topics.

National Technical Symposium



Department of Mechanical Engineering conducted National Level Technical Symposium MEQNZO'17 on 07.10.2017 and the external registration for the various events in it is 84. The program started with the inauguration by Mr. Krishnan Sadagopan, Vice-President, Engine Development Division, Ashok Leyland, Chennai, who gave an excellent speech on the recent areas to be concentrated by the budding Mechanical Engineers. The technical events were successfully conducted and the winners were given the prizes.



FDP on the 'Design of Transmission Systems'

A Hands-on training programme on the 'Thermo-Hydraulic Equipments' was arranged on 21.11.2017 for the Non-Teaching Staff of Mechanical and Civil Departments. Mr.S.Pungaiya and Mr.S.Sivasankar delivered lectures.



Hands-on training programme on the 'Thermo-Hydraulic Equipments'

A two day Faculty Development Programme on the 'Thermal Engineering' was conducted on 23rd and 24th November 2017. Mr.S.Senthil Babu and Mr.K.Vijayendiran delivered the lectures.



FDP on the "ME6404 Thermal Engineering"

The Department of Mechanical engineering organised an Industrial visit to 'CNG -Bio Plant' at Mahindra World City, Chennai on 25.11.2017. Dr. G.P. Subash, Projects - Head explained the need for alternative energy sources and their benefits and also elaborated the plant setup and the various processes taking place in the production of Bio gas. The gases like CO₂ and H₂S are then removed from the Bio gas.



Industrial visit to 'CNG -Bio Plant' at Mahindra World City

NPTEL

The details of NPTEL Online Examination performance of our staff and students for July-December 2017 session.

	Staff	Students	Total
(i) July-September 2017	120	65	185
(ii) July-October 2017	66	76	142

Eight toppers in NPTEL online courses for July-December 2017 session.

- Design of reinforced concrete structures C.Arumugam (96 - Elite+gold).
- Design of reinforced concrete structures G.Vaithyanathan (95 - Elite+gold).
- Cloud computing K.Mohanambal (82 - Elite).
- Fundamentals of manufacturing processes Dr.S.Thirugnanam (80 - Elite).
- Geotechnical engineering laboratory M.Moganraj (90 - Elite+gold)
- Outcome based pedagogic principles for effective teaching S.Gandhimathi (82 - Elite)
- Design for internet of things Andrannaveen Prakash.J [student] (72 - Elite)
- Design for internet of things Anitha.R [student] (74 - Elite)

Our College received the Award for being an active NPTEL Local Chapter during the period July-December 2017, rated 'AA' and one of the top 50 Local Chapters across India.

Student Affairs Cell



The Student Affairs Cell of Valliammai Engineering College organized an Expert Lecture on 'Career Opportunities in Civil services' on 14.10.17 exclusively for the First year students. Mr.V.Prakash, Joint Coordinator, Jeevan Jyothi Institute of Administrative Services delivered a lecture on Career opportunities in Civil Services for the engineering students. He briefly explained the eligibility criteria and how to prepare for the examinations effectively.

The Coordinators of Student Affairs Cell Dr.N.Usha Bhanu Associate Prof/ECE, and Dr.M.Senthil Kumar Associate Prof/CSE with the support of other Staff of different departments organized the programme effectively. The Students asked clarifications regarding the UPSC Examinations from the Resource Person. It was a very good interactive session. Totally, 153 students of different departments participated and got an exposure related to the career prospects.

Fine Arts Club

Valliammai Engineering College Fine Arts Club conducted a 3 day event from 4th Oct to 6th Oct 2017 in the college premises. Students from different departments participated in a number of contests and showcased their talents.

As part of the contest on 04.10.17, 'Adapt tune' was conducted for 1st year students to identify the inbuilt talents. Nearly 50 students from various branches actively participated in the programme which was about dancing to a tune played on the spot. On the same day for higher semesters events such as pot painting, face painting, mehendi and photography contests were conducted.

On the second day 05.10.2017, variety programs such as Adzap and Mime were conducted. Students of different departments participated in groups and showcased their talents.

On the final day 06.10.2017, Sound of music event was conducted which included solo singing, Duet singing and playing instruments. Around 75 students from different departments participated and showed their hidden talents.

Department of Master of Computer Applications

Mr. S.K. Saravanan, A.P. and Head, published a Research Paper on 'An Improving Credit Card Fraud Detection using a Novel Data Mining Techniques' in the UGC Approved Online Journal 'Technical Research Organization India' and another research paper on 'Literature Study Data Mining Techniques on Detecting Fraudulent Activities in Credit Card' in the UGC Approved Online Journal 'International Journal of Emerging Research in Management and Technology' on October 2017.

Mr.V.Santhana Marichamy, A.P., Mr.M.Asan Nainar , A.P., and Ms.R.Sangeetha, final year MCA student published a paper on 'Women protection mechanism with emergency communication using Hand Waving Pattern' in the International Journal for Innovative Research in Science & Technology, Volume 4 , Issue 6 , November 2017.

Mr.S.K.Saravanan, A.P., Mr.M.Asan Nainar, A.P., and Ms. D.Sridevi, A.P., went on an industrial visit to the 'ECS Datamatics', Chennai with the staff members of the Dept of Information Technology on 22.11.2017.

Mr. S.K. Saravanan, A.P., Mr. V. Santhana Marichamy, A.P., went on an industrial visit to the 'Puthia Thalaimurai TV Channel', Chennai with the staff members of the Depts. of CSE, IT and EIE on 27.11.2017.

The passed out students of MCA Batch 2011-2014 attended the 'Shimmer - 2017' - Alumni Meet organized by the VEC Alumni Association held at our college on 10th December 2017.

Mr. S.K. Saravanan, A.P., attended a One day Faculty Development Programme on the 'Knowledge Management' organized by the Dept. of Computer Science and Engineering, VEC on 15.12.2017.

Mr. B.Pandiarajan II MCA and Mr. D.C. Aswanth Narayanan II MCA students attended a One day National Seminar on the 'Guidelines for Patent Drafting and IPR in

E&IT Sector' on 28.12.2017 organized by the Dept. of Computer Science and Engineering, VEC.

Ms. C. Shalini, the Programmer attended the following One day Programs.

i). Staff Development Programme on 'Python Programming' organized by the Dept. of Computer Science and Engineering on 09.11.2017.

ii). Skill Development Programme on the 'Introduction to Adobe Photoshop' organized by the Dept. of Electronics and Communication Engineering on 15.11.2017.

iii). Skill Development Programme on 'Group Behaviour' organized by the Dept. of Management Studies on 12.12.2017.

iv). Staff Development Programme on 'Grid and Cloud Computing' organized by the Dept. of Computer Science and Engineering on 14.12.2017.

Department of Master of Business Administration

An industrial visit to the VST Motors, Chennai was arranged for the First Year MBA Students on 12.10.2017. The students had an opportunity to understand the dynamics of automobile dealership, Customer Relationship, Management and Salesmanship.



Industrial Visit to the VST Motors, Chennai

A Guest Lecture on the 'Social Entrepreneurship & Management Skills' was held on 13.10.2017. Prof. Vijayakumar, President & Founder, India Trust addressed the students. Students had the opportunity to understand the need and the concept of social entrepreneurship and the corporate policy making and implementation.



Guest Lecture on the 'Social Entrepreneurship & Management Skills'

A Guest Lecture on the 'Challenges Faced by the Fresh Management Graduates on Joining Corporate Sector' was held on 09.11.2017. Mr. M. Rajesh, Sr. Manager HR TI Cycles delivered the lecture. In his lecture, Mr.Rajesh discussed the hurdles faced by a fresh graduate while entering the corporate life and explained the students the various ways to overcome such challenges.



Guest Lecture on the 'Challenges Faced by Fresh Management Graduates on Joining Corporate Sector'

An industrial visit to RLT Instrumentation Pvt. Ltd., Chennai was arranged for the Faculty members of the Dept. of Management Studies on 17.11.2017. The Staff had an opportunity to understand the nuances of the component manufacturing in sewage treatment systems and waste water recycling treatment.



Industrial visit to RLT Instrumentation Pvt. Ltd., Chennai

As part of Institutional Social Responsibility, 'Tree Sapling Plantation' activity was conducted by the Dept. of Management Studies in MGR Park, Periyar Park, and Anna Park Maraimalai Nagar on 24.11.2017.



'Tree Sapling Plantation'

The Dept. of Management Studies conducted a Skill Development Programme on 'Group Behaviour' on 12.12.2017 for the Non-Teaching Staff (Programmers and Lab Assistants). 20 participants from different departments of the college participated and benefited.

Mr. N. Loganathan, II Year, MBA secured 2nd Place in the 'Kanchi Mini Marathon' organized by the Greensand Events & Management on 07.01.2018 during the Academic Year 2017-18.

Our Facebook link

<https://www.facebook.com/srmvalliammai>

“S100”



Department of Management Studies and Entrepreneurship Development cell, conducted “S100” course, students enrolled the course, underwent the course and took the assessment for the same. The successful candidates were given certificate in a ceremony and certificate is given by Mrs.Sujaya, Entrepreneurship Educator, on 29.12.2017 in Our Campus.

This helps the students to channelize the knowledge and the energy of youth towards becoming active partners in the economic development process. To catalyze and promote development of knowledge-based and innovation-driven enterprises and promote employment opportunities amongst youth specially students. To motivate, support and mentor students for identification, development and commercialization of their innovative ideas.

Department of Mathematics

Dr. T. Isaiyarasi, A.P., presented a paper on 'A New Tripartite Key Agreement Protocol Authenticated by Digital Signature' at the International Conference on Mathematical Computer Engineering held on 3rd November at VIT University, Chennai Campus, organized by the Mathematical Division School of Advanced Sciences.

Dr. V. Vijayalakshmi, A.P., presented a paper on 'Solving FFLSE for Octagonal Fuzzy Matrices' in the National Conference on the 'Recent Trends in Fuzzy Mathematics & its Applications' at SRM University, Ramapuram, 3rd and 4th November, 2017.

Mrs. A. Karpagam, A.P., presented a paper on the 'New Ranking Function on Octagonal Fuzzy Number for Solving Fuzzy Transportation Problem' in the National Conference on the 'Recent Trends in Fuzzy Mathematics & its Applications' at SRM University, Ramapuram, 3rd and 4th November, 2017.

The Mathematics Association 'EULER.COM' organized the 2nd National Seminar on the Advances in Mathematical Sciences and Applications in Engineering & Technology on 16th December 2017.

Session -1: Dr. P. Veeramani, Professor, Department of Mathematics, IIT Madras delivered a valuable lecture on the Fuzzy Real Numbers, Fuzzy Metric Spaces and their Applications.



National Seminar on the Advances in Mathematical Sciences and Applications in Engineering & Technology

Session -2: Dr. P. Abisha Jeyanthi, Associate Professor, Department of Mathematics, Madras Christian College, delivered a lecture on the theory of computations and its applications.

Session -3: Dr. A. Felix, Assistant Professor, Department of Mathematics, School of Advanced Sciences, VIT University, gave an introduction to the MATLAB in which plotting the curve in 2D and 3D, Derivative and Visualizing the tangent line of the function- limits and continuity-Maxima and minima of the function for one and multi variable are illustrated with examples as practical sessions.

Department of English



Oratorical Competition under the auspices of 'Burke Club'

The second and third sessions of the Oratorical Competition under the auspices of 'Burke Club' were held on 12th Oct & 9th Nov 2017. The winners were rewarded with prizes and certificates.

Linguathon Phase I, a series of competitions comprising Utopia, Turn a Coat and Adzap, was organized on 16th Oct 2017. The students participated actively with great enthusiasm.



Linguathon competitions - Utopia, Turn a Coat and Adzap

A workshop titled 'Enriching and Extending students' learning experiences through reading and writing across the curriculum' was organized on 03rd Nov 2017 for the First year

students. Dr. S.P. Dhanavel, Professor IIT Chennai was the Resource Person for the day. The workshop proved to be of great use to the students as it focused on reading and writing skills which are very important for communication.



Workshop on 'Enriching and Extending students' learning experiences through reading and writing across the curriculum'

Prof.N.Lakshmana Perumal, Head, Dept of English & First Year Chief Coordinator, was invited as Chief Guest at PERI Institute of Technology for the Inauguration of Shakespeare Club on 14.11.2017.

Mr. Abhishek David John, A.P. & Ms. M. Arthi, A.P. published a paper on the 'Skills for a Successful Group Discussion" in the International Journal of Research in Engineering and Technology, ISSN (P): 2347-4599; ISSN (E): 2321-8843, VOL. 5, ISSUE 11, Nov 2017, 21 24.

Mr. Abhishek David John, A.P., Ms. M. Chithra, A.P. and Ms.V. Jayanthi, A.P. published a paper on the 'LSRW and its Importance for the Engineering Students' in the International Journal of Research in Engineering and Technology, ISSN (P): 2347 4599; ISSN (E): 2321 8843, VOL. 5, ISSUE 11, Nov 2017, 41 46.

Mr. Abhishek David John, A.P. published a paper on the 'Telephonic Interviews and Methods to ace it' in the International Journal of Research in Engineering and Technology, ISSN (P): 2347 4599; ISSN (E): 2321 8843, VOL. 5, ISSUE 12, Dec 2017, 1-6.

Mr. Abhishek David John, A.P.& Ms. M. Arthi, A.P. participated in the one day workshop on the 'Persuasive Research Promotion Strategies' organized by Kings Engineering College in association with CSI, SAE, ISME, IETE and ICT Academy held on 25th Nov 2017.

YOUTH RED CROSS



On 16.09.2017, 14.10.2017, 28.10.2017, 11.11.2017 and 09.12.2017 orientations and campaigns on different headings like, Essay writing on agriculture/ river linking / educational requirements/ social media, dengue safety, plastic usage awareness, afforestation and water bodies conservation, were successfully conducted.

Department of Library

An in-person Training session on Science Direct Platform was conducted on 13th December, 2017. Ms. Garima Turan, Trainer from Elsevier for Science Direct emphasized the importance of the quality of Research, content various search tools and citations. 164 Staff from different depts. attended the session.



Training Session on 'Science Direct Platform'

Department of Placement and Career Guidance

Winter Training for the Pre-Final year students was conducted from November to December 2017.

The following companies were visited between October and December 2017.

Direct Internet Solution Pvt Ltd visited our College for recruitment on 22nd November 2017.

Off Campus Drive was conducted for the final year students by Sanmina on 5th and 6th of December 2017 and one student got selected.

Off Campus Drive was conducted for the final year students by Toni Harris on 12th and 13th of December 2017 and three students got selected.

Kaar Technologies visited our College for recruitment on 11th December 2017 and one student got selected.

HPE conducted Off Campus recruitment on 19th December 2017 for the final year students.

NTT DATA conducted Off Campus recruitment on 15th December 2017 and four students got selected.

Maxval Technologies conducted Off Campus recruitment on 16th December 2017 for the final year students.

Precision Engineering visited our College for recruitment on 22nd December 2017 and twelve students got selected.

ChipTest Engineering Pvt Ltd conducted Off Campus recruitment for the final year students on 29th December 2017.

Department of Chemistry

Dr. N. Jayaprakash published a paper in the International Journal, 'Journal of Photochemistry and Photobiology, B: Biology' titled 'Bioreduction potentials of dried root of Zingiber Officinale for a single green synthesis of silver nanoparticles: Antimicrobial studies' 177, (2017), 62-68 with an impact factor of 2.673.

The Department organized a Workshop in association with the 'Association of Material Scientists' Indian Society for Technical Education (Faculty & Students chapter), and Physical Sciences Club on 10th October 2017. Mr. Senthamizh Selvan, Senior Analytical Chemist, International Flavors and Fragrances Inc, Chennai was the Chief Guest and delivered a



Lecture on the 'Role of Chemistry in Flavors Food Industry'

lecture on the 'Role of Chemistry in Flavors Food Industry' during the first session. Dr.S.Rajalakshmi, DST-Inspire Faculty, AU-KBC Research Centre, Anna University, Chennai delivered a lecture on 'Nanobiotechnology' during the second session.

Dr. S. G. Gunasekaran participated in the two day Faculty Development Programme on 'Teaching and Learning Enhancement through Outcome Based Education' held at Valliammai Engineering College, during 07-08 December 2017.

Dr. N. Jayaprakash attended an 'Awareness Workshop on NPTEL' at SSN Engineering College, Chennai, India, in association with IIT Madras, Chennai on 09-12-2017.

Department of Physical Education

In the Anna University Athletic's Zone IV Meet held at Sri Sai Ram Engineering College on 12.10.17 & 13.10.17 for Men & Women, the following students won prizes.

- V.Sivakumar, CIVIL III Yr. - 400 mts - 1st Prize
- N.Loganathan, MBA II Yr. - 1000 mts & 21 km - 1st Prize in both
- A.Sivarajan, MBA II Yr. - Long Jump & Triple Jump - 1st Prize in both
- M.Uvan Shankar, CSE I Yr. - 110 mts Hurdles - 3rd Prize
- D.Elaiya bharathi, CSE II Yr. - 1500 mts - 3rd Prize
- C.Hari Prasad, IT III Yr. - Triple Jump - 3rd Prize

R. Mani Bharathi, CIVIL (III Year), T. Rakesh, IT(I Year), V. Sivakumar, CIVIL(III Year) & D. Elaiyabharathi, CSE(II Year) - 2nd Prize in 4×400 mts Relay.

Our College students secured over all third position in the Anna University Athletic's Zone IV Meet.

In the Anna University Women athletics the following students won prizes,

- V. Rashmi, CSE (II Year) - 1st Prize in 1500 mts & 5000 mts.
- K. Jeevitha, CIVIL (II Year) - 2nd Prize in 200 mts & 400 mts.
- R.Dhiviya, IT (III Year) - 1st Prize in High Jump & Javelin.

A.Moulika, EEE (I Year), G.Mega Sri, EEE (I Year), R.Abinaya, MBA (I Year) & S. Kaviya Sree, Civil (II Year) participated and won the II prize in the 4×100 mts Relay. Similarly, R. Abinaya, MBA(I Year), Maria Lurf steffy, EIE(II Year), V.Rashmi, CSE(II Year) & K. Jeevitha, CIVIL(II Year) won the II prize in the 4×400 mts Relay and got the overall third position securing 49.5 points.

In the Inter zonal Athletics Men & Women's Meet held at Adhiyaman College of Engineering, Hosur on 28th & 29th Oct 2017, the following students won prizes.

- A.Sivarajan, MBA (II Year) Secured II prize in Triple Jump
- N. Loganathan, MBA (II Year) secured II prize in 21 kms

In the All India Inter University Athletics men & women Championship held at Acharya Nagarjuna University, Guntur from 12.12.17 to 16.12.17

- A. Sivarajan
- N. Loganathan of MBA Department won prizes.

Department of General Engineering

A two-day Faculty Development Programme on 'Engineering Mechanics' was conducted by Mr.S.Subramanian along with Mr.S.Senthil Babu/ Mechanical on 14.12.2017 and 15.12.2017.

One day Hands on Training Program to Implement Web based Progress Reports and Result Analysis was conducted on 26.12.2017 for the first year Class Coordinators by Mr.R.Sankaranarayanan along with Dr. M. Senthil Kumar/CSE.

Department of Physics

A Guest lecture was delivered by Dr.MNaveethan, Research Assistant Professor, SRM Research Institute, SRM University, Kattankulathur Chennai on 'Nano Thin Films' on 14th November 2017.



Guest Lecture on 'Nano Thin Films'

All the Faculty members of the Department of Physics participated in the Faculty Development Programme on 'Engineering Practice Laboratory' organized by the Department of Electronics and Communication Engineering of Valliammai Engineering College on 6th December, 2017.

National Service Scheme

PICME was developed by the National Informatics Centre for the State's Department of Public Health and Preventive Medicine. The PICME is launching a national level Mother Child Tracking System (MCTS), developed by the Health Ministry. The NSS unit of Valliammai Engineering College in association with the Department of Public Health, Kattankulathur Block organized an orientation training of PICME 2.0 Version for Village Health Nurses on 12.10.2017 from 9.30am to 3.30pm. A group of 41 VHNs & SHNs attended this programme and were trained in the web based PICME 2.0 Version at the Computer Lab-1, New Block.

As per the announcement by the Hon'ble. Chief Minister and orders issued by the Tamilnadu Government, 15th of October, the birthday of former President late Bharat Ratna Dr. A.P.J. Abdul Kalam was celebrated as the Youth Awakening Day in our College on 14.10.2017 in the forenoon session. The NSS Programme Officer spoke on the early life and the achievements of Dr. Kalam. A quiz program was conducted on the life history and achievements of Dr. Kalam. The first and second prizes were won by K. Deepak, I B.E.,-EEE- 1 and T. Keerthiharan, I B.E.,- Mech 2 respectively. The pencil sketch of Dr. A.P.J. Abdul Kalam was also conducted. The first and second prizes were won by G. Nivedha, I B.E.,-ECE- 2 and K. Deepak, I B.E.,- EEE- 1 respectively.

The NSS Programme Officer organized an awareness programme on 'Dengue' in the afternoon session of the same day. He explained the various causes of 'Dengue' fever and preventive measures to avoid it. The NSS Volunteers also participated actively by presenting the causes and the effects of 'Dengue' fever. The poster preparation and presentation on 'Dengue' was conducted. The first prize was won by the team of G. Mythrayee & G. Nivedha, I B.E.,- ECE- 2, P. Geetha, P. Jagannathan, I B.E.,- EEE- 1. The second prize was won by the team of K. Deepak, I B.E.,- EEE- 1, D. Sivakumar, I B.E.,- Civil 3, P.S. Rajan, I B.E.,- CSE 2 and C.S. Daniel Deva Kumar I B.E.,- Civil 1.

Mr.S.Parthasarathy, received the Best NSS Programme Officer award and D.Prasanth, III year Mechanical Engineering received the Best NSS Volunteer award under Anna University Level for the year 2016-17.



Mr.S.Parthasarathy, receives the Best NSS Programme Officer Award

On 28th October, 2017 in association with DRDA, Kattankulathur Block, Kancheepuram District successfully completed the event of Tree Plantation under the National Service Scheme at Kayarambedu. The first tree sapling was planted by Mr.V.P.Jeyaseelan, IAS, Sub Collector, Chengalpet. He emphasized the importance of NSS for the students as well as the society. He explained the importance of tree plantation and the benefits of the trees which were planted by our previous generations. The second sapling was planted by Mr.S.Saleemkhan, Commissioner & Block Development



Tree Plantation at Kayarambedu Village

Officer (BP), Kattankulathur. Later, the NSS Volunteers planted around 500 tree saplings in the Kayarambedu area including road sides, common places and government schools. This venture of the Valliammai NSS unit is sure to be an eye opener for the public to promote tree plantation.

The NSS unit in association with the Department of Public Health, Kattankulathur Block organized an orientation training on CRS Birth and Death Orientation for Birth and Death Registrars on 10.11.2017 from 12.30pm to 4.30pm. A group of 32 Registrars attended this programme and were trained in the web based CRS at the Computer Lab-1, New Block.

As a part of the social responsibility, NSS Unit organized MLR Orientation Training for Village Health Nurses in association with the Department of public health and Preventive Medicine Health Unit (Chengalpattu) for two days on 30.11.2017 & 01.12.2017. This event was conducted for the online data entry work under Dr. Muthulakshmi Reddy Maternity benefits for the ladies. 133 Village Health Nurses participated from various rural and urban health centers.



MLR orientation training for Village Health Nurses

On 11th November, 2017, the NSS unit observed the Constitution Day with a pledge. The NSS Programme Officer spoke on the characteristics and importance of the Indian Constitution. A quiz programme was conducted on the life history and achievements of Dr. B.R. Ambedkar and about the Indian Constitution.

ALUMNI MEET "SHIMMER 2017"



The Alumni Meet was held on 10th December 2017 at Valliammai Engineering College. It was organized for earlier batches of students. There was large turnout of alumni. The Office bearers of the Valliammai Engineering College Alumni Association were the special invitees and were introduced to the audience before the formal takeover. They were impressed upon to take part in all the activities of their Alma mater. The program concluded with a buffet Lunch.

Freedom fighter and India's first education minister, Abul Kalam Azad, was born on November 11, 1888. On his 129th birth anniversary, Education Day was observed on 11.11.2017 by the NSS unit. An Elocution about his life history was also conducted.

National Unity day (also known as Rashtriyav Ekta Diwas) is celebrated every year on the 31st of October by the people all through India. It is celebrated to commemorate the birth anniversary of Sardar Vallabhbhai Patel who really unified the country. Rashtriyav Ekta Diwas or The National Unity Day was introduced by the Government of India in 2014 with the aim of celebrating this event every year on 31st October. In memory of Rashtriyav Ekta Diwas, the NSS unit conducted a competition to design a t-shirt & cap to represent unification.



AIDS and HIV awareness rally

It is estimated that there are 21,16,581 people living with AIDS in India. Out of this, about 1,38,456 are children below the age of 15 and the AIDS-related deaths in 2015 were 67,612. To reduce this death rate further, the NSS Volunteers organized a rally from Selaiyur Camp Road Junction to

VALLIAMMAI ENGINEERING COLLEGE

(A Member of SRM Group of Institutions)
ESTD. 1999 - Approved by AICTE - Affiliated to Anna University
SRM Nagar, Kattankulathur - 603203, Kanchipuram District, Tamil Nadu, India
Website : www.srmvalliammai.ac.in Email : srmvec@valliammai.co.in
Phone : 044 - 27454784, 27454726 & 27451498 Fax : 044 - 27451504

Accreditation

NAAC

'A' Grade

Accreditation

NBA

Accredited

Accreditation

CSI

Accredited

Accreditation

ISO

9001:2015 certified

National Cyber Safety & Security Standards Accredited

Awards

ENGINEERING EDUCATORS AWARDS

By University of Bradford UK, Robert Gordon University Aberdeen & Education Matters

TEACHING AWARDS IN ENGINEERING

by Education Matters & Staffordshire University UK

ISTE Anna University

Best Teacher Award
Best Project
In state level category by ISSRD
Best NSS Unit Award by Anna University

IEI Best Division Award

CSI Best Accredited Student Branch Award

1st

Place in Personality Development Camp by Anna University

Placement

90%

Placement in last 5 years

25

Top Companies for Placement
Accenture, TCS, Wipro, HP, CTS, Infosys, IBM, L & T Infotech, IGate, NTT Data, KAAR Technologies, NewGen, CADDeploy, etc

PEC Certification Courses
Microsoft .Net
Oracle Java & FOSS
Spoken Tutorial Workshop
IIT Bombay

TCS

Accredited

Entrepreneur Cell, Value Added Courses & NPTEL Study centre
IIT Madras

Faculty

1:15

Staff Students Ratio

100%

PG Qualified Staff

Members of ISTE, CSI, SEMCEI
ISA, CII, IETE, IEEE, ISCA, IEI & ISOI

50

Doctorates

71

Pursuing Doctorates

Research & Development

720

Journal Papers published in 6 years

Funded Projects & Faculty Development Programmes
Anna University | AICTE
DST New Delhi | TNSCST

7

Research Departments
CHEMISTRY | PHYSICS
ECE | EEE | EIE
CSE | MECH

Institutional Membership
ISTE, CSI, ISA, CII, IETE, IEEE, IE(I), SAE & ISCA

Courses Offered

B.E. - CIVIL

B.E. - CSE

B.E. - EEE

B.E. - ECE

B.E. - EIE

B.E. - MECH

B.Tech - IT

MBA

M.E. Structural Engg

M.E. Computer Science & Engg

M.E. Power Systems Engg

M.E. Communication Sys

M.E. Control & Instrumentation

M.E. CAD/CAM

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University Ranks & Gold Medal in last six years

For Admissions Contact
The Principal, Valliammai Engineering College
SRM Nagar, Kattankulathur - 603 203
Website : www.valliammai.co.in Email : srmvec@valliammai.co.in
Phone : 044-27456703 Mobile: 9940036042, 43 Fax : 044 - 27451504

1422

TNEA Counselling Code

Affiliated to Anna University, Chennai

14

Tambaram Sanitorium TB Hospital for raising awareness on HIV AIDS under the leadership of S. Parthasarathy, NSS Programme Officer.

On 9th December 2017 at 9.00am, the rally was flagged-off by Dr. GunaSekaran, Rotarian. During the rally, he said in his inaugural speech that AIDS can be controlled only by spreading awareness among people. About 90 Volunteers took part in the rally.

The Medical Officer, Tambaram Sanitorium TB hospital urged the youngsters not to fall a prey to any bad habits as youngsters are the assets of a country. Under the National Service Scheme, the aim behind the rally was to create awareness about health, prevention from deadly diseases and hygiene among the public and it was noticed that awareness was duly created among the public.

The NSS Unit of Alagappa College of Technology in collaboration with Yuvashakthi Youth Welfare Association organized a programme 'Uzhavu Sezhikkanum - An Inter collegiate seminar on healthy farming and farmers' welfare' on 16.12.2017. 10 Volunteers from our College took part in the programme. The objective of the programme was to create awareness among the NSS volunteers on various Welfare Schemes of The Central and State government about which they could communicate to the farmers during their annual special camps in villages.

During the course of the programme, group discussion was conducted on the 'Role of NSS in promoting Sustainable Agriculture'. A Cultural event, a comedy debate on the 'Fast food vs Traditional food' were also conducted.

Mr. Kishore, an actor was the Chief Guest for the day and energized the programme by his speech and also distributed the certificates to the volunteers.

Tamil Mandram

The Centre for Cultural Education, Training & Research, Tamilnadu conducted an Open Book Test on 07.10.17 in our College for enhancing the book reading habits of students. 94 students of our College participated in the competition.

The Tamil Development organization, Tamil Nadu Government, conducted a State Level Speech, Essay writing and Poetry competitions for college students on 13.10.17 and Ms.K.Lalithapriya, Dept of EIE Third year, participated in the Essay Competition.

Our College students participated in the 'Zhagaram Live Show' organized by the 'Podhigai Doordarshan Channel' on 18.11.17. Students answered the Tamil Literature Quiz, Crossword puzzles, and participated in the Fun Games and won the second prize & received a cash award of Rs.5000/-.



Dr. Samuel Chelliah, the NSS Regional Director along with Dr. Ramesh, Anna University NSS Program Coordinator organized an Interaction Meet with Dr.Veerendra Mishra, Director NSS, Ministry of Youth Affairs and Sports, Government of India, NSS Director and the NSS Volunteers in the presence of the other officials Dr.G.Baskaran, Madras University NSS Programme Coordinator, Mr. Seetharaman, DOT NSS Coordinator and Mrs. Sarah Karunakaran, Coordinator, Madras School of Social Work on 28th December 2017,

Several groups of volunteers from different colleges took part on this occasion. Various activities of the NSS were displayed and explained by the Program Coordinators. The Regional Director delivered the inaugural address. He explained the various important activities of the NSS like 15 Toilets Construction done by Valliammai NSS unit and other selective activities done by the other units.

Value Added Courses

02.02.2018 to 26.02.2018

CIVIL

CSE

ECE

EEE

EIE

MECH

IT

MCA

Numerical Analysis using ANSYS Workbench
CAD Lab, Ground Floor, New Block

Mr. G.R. Iyappan,
Mob: 97901 22267

Internet of Things (IoT) for Industrial Applications
Lab-V, 5th Floor, New Block

Mr.N.Leo Bright Tennison,
Mob: 94423 59680

5G Wireless Personal Communication Networks (5GWPCN) DST Lab,
8th Floor, New Block

Dr. J. Mehan,
Mob: 98407 91532

Modelling of Power Apparatus using COMSOL & MagNet Software 1st Floor, EEE Dept. Admin Block

Dr.R.Karthik,
Mob: 98425 69750

Challenges and opportunities is Embedded Control based Instrumentation Hall No. 1110, 11th Floor, New Block

Ms.V.Mangaitarkarasi,
Mob: 97910 08024

Modeling and Drafting of Engineering Components
CAD Lab, 3rd Floor, Admin Block

Mr. J.Arunraj,
Mob: 9421 03344

HTML 5 LAB-I
6th Floor, New Block

Ms.R.Thenmozhi,
Mob: 99405 39008

Resource Management Techniques
Hall No. 109, 1st Floor, Admin Block

Mr.S.K.Saravanan,
Mob: 94442 22764