



Valliammai Engineering College

SRM Nagar, Kattankulathur - 603 203.

Email : srmvec@valliammai.co.in

Website : www.valliammai.co.in

VEC NEWS

[Quarterly]

Vol. 7 No. 1

Jan. - Mar. 2018



Paarivendar Students' Tamil Association, a division of SRM University - Tamil Academy celebrated the World Poetry Day on 21.03.2018 at SRM Institute of Science and Technology-Vadapalani campus. J.Logesh Dept. of Civil participated in the Poem recitation event. Our Founder Chairman Dr.T.R.Paarivendar distributed the prizes and certificates to the participants. Annual Magazine 'Vendhar Neri' was published on this occasion in which our college students' articles and their works were published. Our Founder chairman also presented the appreciation certificate and memento to our College staff and students for the highest donation among the SRM group of Institutions to set up a Tamil Chair at the Harvard University.■

Tamil Mandram

- Ms.K.Lalitha Priya, Dept of EIE Third year participated in the Essay competition of World Economic Conference for Palmtree-2018 organized by the Santhalinga Adigalar Arts & Science Tamil College on 17.01.18.
- Paarivendar Students' Tamil Association organized a one day tour to the Gallery of Pazhanthamizhar Vazhviyal located at the International Institute of Tamil Studies for the executive members of Paarivendar Student's Tamil Association. The following students along with Mr.K.Shanmugam,AP/CSE took part in the tour.
 - ❖ K.Ganagaraj, Civil-IV year, R.Sowmiya, Civil-IV year, V.Sathiya, ECE-III year, K.Ramesh Aravind, EIE-II year & J. Logesh, Civil-IV year.
- K.Ramesh Aravind, student of EIE participated in the Debate Show ('Vanga Peasalam') organized by the SUN Television and it was telecast on 04.02.18.
- The following students of our College participated in the Leading Talk Show 'Aram Seivom' organized by the 'Vendhar Television' & 'Dream Solution' on 12.03.18.
 - ✦ P.Akilandeswari, EIE, R. Bala Abirami,EEE, A. Elanchezhian, EEE, V. Shamini, IT & K.Lakshmi, EIE.





Poetry Competition organised by the College Paarivendar Students' Tamil Association

Every Thursday different Tamil activities such as Speech Competitions, Poetry Competitions, and Debate Competitions are conducted by our College Paarivendar Students' Tamil Association for developing the Tamil language skills to the students. Totally, 8 events were conducted in this semester.

Department of Civil Engineering

Mr.A.Sattainathan Sharma and Mr.N.Vinothkumar published a book titled 'Computer Aided Building Drawing', with ISBN number.

A Guest Lecture was organized on 'Corrosion and Erosion in Coastal Structures' on 12.02.18. The Guest speaker was Dr.M.S. Haji Sheik Mohammed, Professor & Dean, School of Infrastructure, B.S.Abdur Rahman Crescent Institute of Science & Technology.



Guest Lecture on 'Corrosion and Erosion in Coastal Structures'

Ms.Jeevitha. K of second year Civil II secured second prize in 800 meters run, organized by the 'International Sports and Cultural Carnival - Riviera 2018', held during 15.02.18 - 18.02.18.

The Blood Donation Camp was organised by the 'Tamil Nadu State Aids Control Society & Tamil Nadu State Blood Transfusion Council' on 16.02.18.



Guest Lecture on 'Recycling and Reuse of Wastewater'

Ms.Jeevitha. K of second year Civil II secured first prize in 5km run, in 'Marina Run 2018' on 18.02.18.

Mr.Sethupathi. M and Vaishnavi. C of third year Civil III participated in the event 'CRAQUAGE DE CODE' and won First Prize in the National Level Techfest organized by Velammal Engineering College on 24.02.18.

A Guest Lecture was organized on 'Recycling and Reuse of Wastewater' on 16.03.18. The Guest speaker was Dr.E.Ravindranath, Professor & Head Dept of Civil, Sri Venkateswara College of Engineering.

Mr.Sethupathi. M, Subash Chandran. G and Sridhar. S of third year Civil III presented a paper on 'Bamboo as Reinforcement Material' and won second prize in the National Level Technical Symposium organised by Aadhi Engineering College on 21.03.18

The students of third year Civil III went on an industrial visit to KKM Soft, on 22.03.18.



Third year Civil III students went on an Industrial visit to KKM Soft

The students of third year Civil II went on an industrial visit to the Sewage Treatment Plant Kodungaiyur, Chennai, Metropolitan Water Supply & Sewage Plant on 22.03.18.



Third year Civil II went on an Industrial visit to Sewage Treatment Plant, Kodungaiyur

The students of third year Civil I went on an industrial visit to Chennai Port Trust on 23.03.18.



Third year Civil I went on an Industrial visit to Chennai Port Trust

Dr.D. Elango Professor and Head of Civil Dept attended the Institution of Engineers (India) Principal Meet on

24.03.18 at Hotel Sabari Inn, T-Nagar, Chennai. In this meeting, points were discussed to motivate and improve the students chapter activities and also the activities / events for the next academic year 2018-2019 were briefed.



Essay writing competition winners: R.Prsanna Devi and P.V.Vibishini of Third ear

Ms.R.Prsanna Devi and Ms.P.V.Vibishini of third year won second and third prize in the essay writing competition on 'Strategies for Flood Management and Remediation' conducted by the Indian Desalination Association, South Zone, SRM Institute of Science and Technology on 22.03.18.

Department of Computer Science & Engineering

Ms. K. Devi published a paper on 'Multilevel Fault Tolerance in Cloud Environment' in the International Conference on Intelligent Computing and Control Systems, IEEE 978-1-5386-2745-7.

Ms. S. Suma and Ms. G. Sangeetha published a paper on 'A Survey of Web Search from Web Documents Based on Semantic Ontology Technique' in the American Journal of Engineering Research, Vol: 7, Issue 2, ISSN: 2320-0847, 2018.

Ms. C.Pabitha and Dr.B.Vanathi published a paper on the 'Text mining classification for effective learning experience' in the Technical Research Organisation, Vol: 5, Issue 4, ISSN: 2394-0697, 2018.

Ms. C.Pabitha and Dr.B.Vanathi published a paper on the 'Effective Classification of Text and Improving the Learning

Project Expo 2K18



A Project Exhibition Day for the final year students of all the departments was organized on 23rd March, 2018. In this regard, a Committee was constituted to select the best among the three projects from each department (Civil, CSE, ECE, EEE, EIE, IT, MECH). The Committee Members were Prof N. Lakshmana Perumal, HOD / English, Dr.H.Krishnan, HOD / Physics, Dr.L.Devaraj Stephen, Head / Chemistry, Dr.R.Karthick, Associate Professor/EEE and the Head of the Dept of the respective departments.

Experience' in the International Journal of Innovative Research in Technology, Vol: 4, Issue 11, ISSN: 2349-6002, April 2018.

Mr.G. Kumaresan and Ms. K. Devi and Ms. M. Abirami (UG Student) participated in a two day workshop on the 'Deep Learning and DevOps' held on 13th and 14th March 2018 organized by Accenture.

Mr. V. Ajay, Mr. K. Hrishikesh, Mr. K. Ajay, Mr. R. Kishan and Mr. R. V. Kamalakannan (UG Students) attended a workshop on the 'Ethical Hacking and Cyber Forensics' conducted by 'Rex Cyber Solutions' on 16th and 17th February 2018 at Madras Institute of Technology, Chennai.

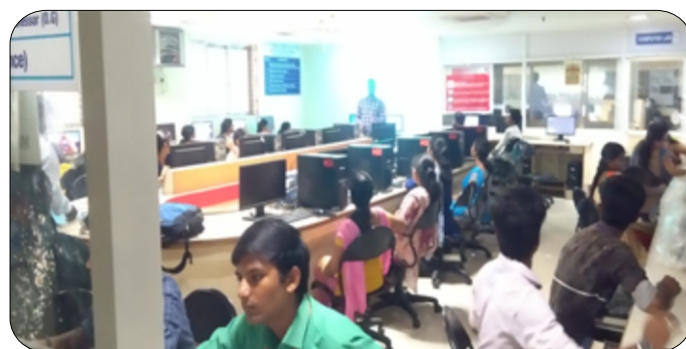
Mr. C.A. Krishnakumar (UG Student) attended a workshop on 'Python Programming' conducted by 'ZOHO Developers' on 16th and 17th February 2018 at Madras Institute of Technology, Chennai.

Ms. S. Srilekha (MS Student) successfully completed a course in 'Process Instrumentation, Control and Automation' conducted by HP Valves and Fittings India Pvt Ltd from 05.02.2018 to 12.02.2018 at Jeppiaar Engineering College.

Two teams from our department were selected to participate in the Grand Finale of AICTE Smart India Hackthon 2018 held on 30th and 31st March 2018 at Varanasi and Bhuvanehsvar. The Students of SPARXX team members who went to Varanasi had an opportunity to interact with our Honorable Prime Minister Narendra Modi.

Ms. K. Devi, Ms. G. Sangeetha and Ms. C. Pabitha published a book titled 'Multi-Core Architectures and Programming' as per the Anna University syllabus for the VIII Semester CSE Students, Regulation 2013.

A one day Workshop was conducted on the 'IoT in Cloud Architecture' on 16th March 2018. The workshop was inaugurated by the Chief Guest Mr. Sabarinath, CEO, Respro Labs Pvt Ltd.



Workshop was conducted on the 'IoT in Cloud Architecture'

A one day Technical Seminar was conducted on 'Bio Informatics' on 7th March 2018. The workshop was inaugurated by the Guest Speaker Dr. Priya Swaminathan, Asst. Prof., Bio Technology, SRM Institute of Science and Technology, Kattankulathur Campus.



Technical Seminar on 'Bio Informatics'

A one day National Seminar was conducted on the 'Recent Trends in Soft Computing' on 24.03.2018. The workshop was inaugurated by the Chief Guest Mr. R. Ramprakash Member Leadership of ZOHO Corporation.



National Seminar on the 'Recent Trends in Soft Computing'

Students of II year CSE-2 went on an Industrial Visit to BSNL, Maraimalai Nagar on 8th March 2018.



II year CSE-2 went on an Industrial Visit to BSNL, Maraimalai Nagar

Students of II year CSE 2 went on an Industrial Visit to Birla Planetarium on 24.02.18.



II year CSE 2 went on an Industrial Visit to Birla Planetarium

Department of Electrical & Electronics Engineering

Conducted a one day workshop on the 'Recent Technology in Power System using PED' on 11th January 2018. Mr.Madhavan.K, Project and Service Engineer, Technow Products, Chennai, was the Resource Person.



Workshop on the 'Recent Technology in Power System using PED'

As a part of Renewable Energy Club activities, Mini Project contest was organized on 'Harvesting Electric Power Using Renewable Energy Resources' on 19th January 2018.

Conducted a Guest Lecture on the 'Recent Trends in Soft Computing Techniques' on 6th February 2018. Mr.R.Elavarasu, Project Manager, IBM India Pvt.Ltd., Chennai, was the Resource Person.



Guest Lecture on the 'Recent Trends in Soft Computing Techniques'

The students of VIII semester EEE visited Green Pearl Electronics, Kattankulathur on 01.03.2018 and 02.03.2018.

Conducted a Seminar on the 'Electrical and Instrumentation Services Programming Using PLC' on 6th March 2018. Mr. P.Poovarasu, Trainer / TVS Training and Services, Chennai was the Resource Person.

NPTEL

Our College received the Award for being an active NPTEL Local Chapter during July-Dec 2017, rated 'AA' and one of the top 50 Local Chapters across India. The above awards were received on 25th Jan. 2018 at IIT Madras, Chennai.

Dr. M. Anbuezhayan received the Appreciation Award for SPOC in the NPTEL Local Chapter during the period July-Dec. 2017.

Our Faculties Mr.C.Arumugam, Mr.G.Vaithyanathan, Ms.K.Mohanambal, Prof.S.Thirugnanam, Mr.M.Moganraj, and Ms.S.Gandhimathi, were the toppers in NPTEL online examinations July-Oct. 2017.

Our Students Mr. J. Andrannaveen Prakash and R.Anitha were the toppers in NPTEL online examinations July- Oct. 2017.

Prof. H. Krishnan [Physics], Ms. M.S. Shyamala [English], Mr.G.Vaithyanathan and Mr. Manu. S.S [Civil], Dr. Komala James, Dr.S.Ramesh, and Ms.S.Surabhi [ECE], Mr. S.K. Saravanan [MCA], Mr.Sam Paul and Raja S. [MBA] and Mr.S.Senthil Babu and Mr.J.P.Ramesh [Mech], Mr.G.Kumaresan, Dr.M.Senthil Kumar, Ms.C.Pabitha and Ms.K.Devi [CSE], Ms.Senbagavadivu, Dr.A.R.Revathi, Ms.S.Jeyalakshmi [IT] received the Mentor Awards in the NPTEL Local Chapter in July-Oct. 2017.

Nearly 109 (58 Students and 51 Faculties) registered for NPTEL online certificate examinations for Jan. -Apr. 2018.

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

Mr. Abhishek David John, Asst. Prof.(O.G), Dept. of English

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



Seminar on 'Electrical and Instrumentation Services Programming Using PLC' .

As a part of Renewable Energy Club activities, a Guest Lecture program was conducted on the 'Modeling of Wind Turbine and Wind Turbine Testing' on 16th March 2018. Mr.A.Francis Mozart-Manager, Wind Turbine Testing, ReGen Powertech Private Limited, Chennai was the Resource Person.



Guest lecture on 'Modeling of Wind Turbine and Wind Turbine Testing'

Organized Alumni Seminar on 'Future Electronics' on 16th March 2018. Mr.M.Mahesh Kumar, Product Manager and EA-CEO, Smart Megh Solutions Pvt. Ltd., SIDCO Industrial Estate, Guindy, Chennai was the Resource Person.

Project Expo was conducted on 23rd March 2018 and three best projects were selected from our department.

Department of Electronics & Communication Engineering

Mr.V.R.Balaji AP, St Joseph's Engineering College, Chennai presented an Open Seminar for his Synopsis submission on the 'Photonic Crystal based Demultiplexer for Optical Communications' on 05.01.2018 at Dept of ECE under the supervision of Dr.M.Murugan.

II year section 4 students went on an Industrial Visit to the 'Regional Meteorological Centre', Nungambakkam, Chennai on 19.01.2018. Mr. Guhan, the Manager briefed on the



II year, Section 4 students went on an Industrial Visit to 'Regional Meteorological Centre', Nungambakkam

'Forecast and Warning Sector' such as direction, speed of the wind, and its severity.

II year, section 3 students went on an Industrial Visit to the 'Regional Meteorological Centre', Meenambakkam, Chennai, on 19.01.2018. Mr.Meenakshinathan, Director elaborated on the aviation weather forecasting activities of the region such as humidity, pressure measurement.



II year, section 3 students went on an Industrial Visit to the 'Regional Meteorological Centre', Meenambakkam

II year, section 1 students went on an Industrial Visit to the 'Doordharshan Kendra', Chennai on 15.02.2018. Mr.D.Dhandapani, Asst Engineer directed the students into DD News channel to various sections such as Live Programme Recording Section, Transmitter Section, Receiver Section and Earth Station Section that control the broadcast of Doordharshan Channel.



II year, section 1 students went on an Industrial Visit to the 'Doordharshan Kendra', Chennai

Second year, section 2 students went on an Industrial Visit to the 'Green Pearl Electronics Pvt Ltd', East Potheri, Chennai on 16.02.2018. They observed the working of EMS, LED Lightings, Power Systems and Solar Products.

III year students visited the Science City in Birla Planetarium, Chennai on 24.02.2018 organized by Periyar Science and Technology Centre, Tamil Nadu.

III year, section 2 students went on an Industrial Visit to the 'Chettinad Health City Hospital', Kelambakkam, Chennai on 09.03.2018. They observed various depts such as Radiology, Nephrology, Cardiology, Ophthalmology, Pathology, Diagnostic/Imaging & Hospital Services and out-patient ward.

Sutherland Global Services conducted their Campus Drive for the eligible 2018 batch students on March 2018. Eventually, 9 students got selected.

Paragon Digital Services conducted their Campus Recruitment for the eligible 2018 batch students on 15.02.2018 and 18 students got selected.

VDart Software Services Pvt. Ltd conducted their Campus Placement Drive for the eligible 2018 batch students on 07.03.2018 and 6 students got selected.

On the Eve of Republic Day Celebration



Ms.H.Irene Pon Renita, Ms.B.Padma Priya, Ms.N.Preethi, Ms.G.Priyanka and Ms.S.R.Preethi, AP presented a paper on the 'Application Specific Intellectual Backpack for Pre-Schoolers and Professionals' in the National Conference on the Recent Advancement in Communication, Electronics and signal processing at Velammal Engineering College, Chennai on 27.03.2018.

In the sixth International Conference on the Contemporary Engineering and Technology at Prince Shri Venkateshwara Padmavathy Engineering College, Chennai, the following papers were presented on 10th March 2018.

- An 'IoT Based Smart Helmet for Unsafe Detection for Mining environment' by Ms.V.Nevitha Shree, Ms.T.Nithya, Mr.R.Murugan and Ms.N.Subhashini AP.
- The 'Fetal Brain Tumour Segmentation based on SFCM using Back Propagation Neural Network' by Mr.T.Krishna Kumar, Mr.L.Nithyanandan, Ms.K.Preethi, Ms.A.Priyanka and Ms.S.Surabhi AP.
- An 'Optical Character Recognition for Text to Speech Conversion using Raspberry Pi' by Ms.J.Kayalvizhi, Ms.S.Kiruthika, Ms.S.Krishnapriya, Ms.D.Priyavarshini and Mr.T.V.Sudhir AP.
- The 'Virtual Reality Based E- Clothing' by Ms.J.G.Jaslin Jilky, Ms.N.Mahalakshmi, Ms.R.Manjula Devi, Ms.V.Myvizhi Selvi and Ms.K.Kamala AP.
- The 'Disaster Management Usi Electronics Speed Controlled Unmanned Aerial Vehicle' by Mr.S.Kavin, Mr.E.Mohanakrishnan, Mr.R.Naveenkumar, Mr.P.G.Jaikrishnan and Dr.Komala James Prof.

In the International Conference of the Latest Trends in Science Engineering and Technology at Karpagam Institute of Technology, Coimbatore, the following papers were presented on 23rd March 2018.

- The 'Visibility Restoration in Real Scenes' by Ms.B.Kothai Balaji, Ms.V.Kowsalya, Mr.A.Mohamad Kaffar, Mr.M.Gowri Shankar and Dr.N.Rajesh AP.
- An 'Advanced Anti-theft ATM security using Raspberry Pi' by Mr.P.Jeffrey Michael, Mr.U.Naveen Kumar, Mr.P.Perumal, Mr.R.Subash and Mr.A.Pandian AP.
- The 'Real Time Vehicle Accident Detection and Tracking using GPS' by Mr.A.Irfan Ayas, Mr.P.Joshua Arthur, Mr.V.Mugilarasan, Mr.R.Pradeep Kumar and Ms.S.Subbulakshmi AP.

Ms.K.Kalaiselvi, Ms.A.S.Kanimozhi, Ms.A.Kavitha, Ms.R.Loganathan and Dr.Komala James Prof presented a paper on the 'Cost Effective Water Management Using IoT' in the International Conference on the Innovation in Science and Engineering Research at New Prince Shri Bhavani College of Engineering and Technology, Chennai on 23rd March 2018.

Mr.M.Kaleeswaran, Mr.P.M.Niwaz, Mr.C.A.Prabu, Mr.A.Mohamed Raseem and Dr.C.Amali AP presented a paper on the 'Real Time Vehicle Pollution Detection Using fuzzy Logic and Tranceiver' in the International Conference on the Advancements in Engineering Technology and Science 2018 at Dhanish Ahmed College of Engineering, Chennai on 16th March 2018.

In the International Conference on the Recent Trends in Electronics and Communication at Jayalakshmi Institute of Technology, Thoppur, the following papers were presented on 22nd March 2018.

- The 'Automatic intimation system of accident' by Mr.D.Ajay Kumar, Mr.R.K.Balaji Ramakrisnan, Mr.Ajay Suriya, Mr.S.Rakesh Kumar and M.A.Seenivasan AP, They also secured Best Paper Award for their presentation.
- ✿ The 'GSM based Industry Protection for detection of Machine malfunction' by Mr.P. Felix, Mr.K.Gnanasekaran, Mr.S.Manivarman and A.G.Muralikrishna AP.

Dr.S.Ramesh Asso Prof published a paper on the 'Enhanced Brain Image Retrieval using Carrier Frequency Offset Compensated Orthogonal Frequency Division Multiplexing for Telemedicine Applications' in the Wiley International Journal of Imaging Systems and Technology Vol.DOI:10.1002/ima.22269/ SCI Indexed, Impact Factor 1.139 on February 2018.

In the International Journal of Innovation in Science and Engineering Research Vol 2. No1 ISSN 2456-8619, the following papers were published in March 2018.

ISTE TN Section Appreciation Award



Congratulations!

- The 'Design of Compact Slot-Loaded Folded Dipole Antenna for wideband Head Imaging System' by Ms.B.Bharathi, Ms.G.Carmel Vicy, Ms.K.Bhuvaneshwari, Ms.A.Chithra and Dr.S.Ramesh Asso Prof
- The 'Miniaturization of Microstrip Patch Antenna for low frequency applications using metamaterials' by Mr.K.Ajith Kumar, Mr.J.Ashwinkumar, Mr.J.Charles Vinoth and Ms.T.S.Sheriba AP.
- The 'VHDL Model of Smart Sensor for Noise Rejection in ECG Signals' by Ms.R.Anitha, Ms.S.Barani Lakshmi, Ms.R.Hemalatha, Ms.D.Anitha and Mr.S.Senthilmurugan AP.

In the International Journal of Scientific Research & Development Vol 6, Issue 01, 2018 ISSN- 2321-0613, the following papers were published in March 2018.

- The 'Beam-Repositioning system using Microstrip Patch Antenna Array for wireless applications' by Mr.Arulselvam, Mr.M.Arun, Mr.N.Ashok, Mr.L.Giridharan and T.S.Sheriba AP.
- 'An Efficient Face Recognized Locker System using Image Processing' by Mr.S.Abdul Rahuman, Mr.S.Abinaya, Mr.B.Arun Kumar, Ms.G. Dheiva Sudarsini and Dr.J.Mohan Asso Prof.
- The 'Generation of charges through momentum and transferring through free space' by Mr.S.Adithya, Mr.P.Bharath Raj, Mr.N.A.Daniel Joseph, Mr.P.R.Gowtham and Ms.Mercy Subaraman AP.
- The 'Density based Traffic Signal System' by Mr.P.Arun Kumar, Mr.V.Avinash, Mr.P.Balakumar, Mr.D.Dhinakaran and Mr.S.Marirajan AP.

Mr.M.Charan, Mr.G.Gokula Krishnan, Mr.K.Hari Krishnan, Mr.S.Harish and Mr.S.Senthilmurugan, AP published a paper on the 'Real Time Vehicle Theft Prevention with Safety measures using Arduino' in the International Journal of Advance Research in Science and Engineering Vol.7, Special Issue No.2, ISSN 2319-8354 in March 2018.

Ms.A.Afsana, Ms.S.Anbarasi, Ms.P.Deepa, Ms.R.Ghaveya and Mr.D.Murugesan AP published a paper on the 'Wireless Sensor Network based crack detection on concrete bridges/buildings' in the International Journal of Engineering Trends and Technology Vol.57, No.2 in March 2018.

Ms.M.Abinaya, Ms.G.Abirami, Ms.M.Abirami, Ms.K.Gayathri and Ms.K.Shobana AP published a paper on the 'Automatic meter reading for Electricity consumption and billing system using PLCC' in the Seventh Sense Research Group, DOAJ, Index Copernicus Vol.57, No.1 in March 2018.

Dr.T.P. Ganesan, Director, VEC inaugurated the 'Free Wi-Fi Zone' in the Campus on 14.03.2018.



YOUTH RED CROSS



YRC conducted three events for the first year students. On 24.02.18: 'Orientation and Chart Preparation on Organ Donation', on 03.03.18: 'Orientation and Chart Preparation on First Aid', and on 24.03.18: 'Orientation and Chart Preparation on Fire Safety'.

Dr.Komala James Prof, Ms.T.S.Sheriba AP and the students Ms.M.Swarnalatha, Ms.T.R.Sreevidya, Ms.A.Akshaya, Ms.M.Elackia, Ms.S.Barani, Ms.C.Anitha attended an Intra One Day National workshop on the 'Guidelines for Patent Drafting and IPR in E&IT Sector' at Dept of CSE VEC on Jan 2018.

Dr.S.Ramesh, Asso. Prof., attended the 47th ISTE National Annual Convention-2018 held at Saintgits College of Engineering, Kottayam, Kerala during 27-29 January 2018.

Dr.S.Ramesh, Asso. Prof., Ms.R.Birundha, AP Ms.K.Kazhalvizhi Research Scholar attended a one day Professional Development Programme on the 'Scholarship and Research' organized by IEEE Antennas and Propagation Society (AP-S), Madras Chapter at IEEE Madras Section, Chennai on 17.02.2018.

Mr.S.Senthilmurugan, Mr.C.Saravanakumar and Mr.A.Pandian AP(s) attended a one day Workshop on 'How to do a Good Ph.D.?' organized by the Centre for Aerospace Research (CASR) & Department of Aerospace Engineering at MIT Campus, Anna University, Chennai on 03.03.2018.

Dr.Komala James, Prof, Dr.N.Usha Bhanu, Asso Prof, Dr.J.Mohan, Asso Prof, Dr.S.Ramesh Asso Prof, Dr.N.Rajesh AP attended a one day workshop on the 'Drafting for Patent Filing' organized by the Dept of CSE, VEC on 08.03.2018.

Mr.K.Murugan, Mr.S.Mohamed Imran and Mr.R.S.Narashimman third year students secured the second place in the Line Follower event at DEXBOT, an Inter-College Technical Symposium organized by the MIT Robotics Association (MITRA) of Madras Institute of Technology, Anna University Chennai in March 16 & 17, 2018.

Ms.R.Madhuram, Mr.R.Mohanaselvan and Mr.Kingshuk Das third year students attended AVR for Robotics & Line Follower event at DEXBOT, an Inter-College Technical Symposium organized by the MIT Robotics Association (MITRA) of Madras Institute of Technology, Anna University Chennai in March 16 & 17, 2018.

Mr.M.Navinraaj, Ms.K.Nikitha, Ms.V.Vaishali, Ms.D.Tamilaruvi, Ms.S.Rajarajeswari and Ms.Prathana Jayakumar second and third year students attended a one day Hands-On workshop on 'A Practical Approach for Data Analytics and Machine Learning' conducted by the School of Electronics Engineering, Vellore Institute of Technology, Chennai on 17.03.2018.

Dr.S.Ramesh, Asso Prof attended the 20th ISTE Engineering Faculty Convention at Mahendra College of Engineering, Salem, Tamil Nadu on 26.03.2018.

Prof.N.Lakshmana Perumal, Dr.H.Krishnan, Dr.L.Devaraj Stephen, Dr.B.Vanathi and Dr.Komala James Project Expo Panel members scrutinized the students' projects with parameters such as relevance, innovation, uniqueness, creativity and demo on 23.03.2018. Eventually, three projects were selected among them.



Seminar on the 'Wearable Sensor Networks'

A Seminar was conducted on the 'Wearable Sensor Networks' in association with the ISTE & IETE Students Forum on 02.02.2018. The Chief Guest Mr.A.M.Mathew, Managing Director, Batcomm Technologies Pvt Ltd, Chennai delivered a speech on the 'Antenna Design using HFSS, CST and ADS tools' at RF Design Platform.

A Value Added Course was conducted on the '5G Wireless Personal Communication Networks' for our students during 02.02.2018 - 06.03.2018. Dr.J.Mohan, Asso. Prof., Dr.S.Ramesh, Asso. Prof. instructed the basics of 5G Systems, 5G wireless features and their benefits and made hand on training in OFDM and Physical layer of 5G Wireless Personal Communication Networks using MATLAB Programming, Simulink Model. The students got an exposure to the technical competency and employability prospects in an efficient manner.



Value Added Course on the '5G Wireless Personal Communication Networks'

An Expert Lecture on 'IoT & IoE and their Applications' in association with the ISTE & IETE Students' Forum was conducted on 06.02.2018. The Chief Guest Mr.R.Balaji, Project Manager, Infoziant Systems Pvt Ltd, Chennai.



An Expert Lecture on 'IoT & IoE and their Applications'

A Workshop on the 'LabVIEW' in association with the ISTE & IETE Students Forum was conducted on 15.03.2018. The Chief Guest Mr.E.Murali Krishnan, Academic Consultant, NI Systems, Research and Development, Chennai and two more supporting Staff presented a hands on training on the Evolution of LabVIEW Programs.



A Workshop on the 'LabVIEW'

Ms.S.Abirami AP presented on the 'Performance Analysis of Patient Monitoring Wireless Body Area Networks using Queuing Models' on 27.02.18.

Mr.T.V.Sudhir AP delivered a lecture on the 'Coexistence of WIFI and LIFI Toward 5G: Concepts, Opportunities, and Challenges' on 28.02.2018. He pointed out the bandwidth utility of WiFi (Radio wave) and LiFi (visible wave) to transfer the data in Gbps.

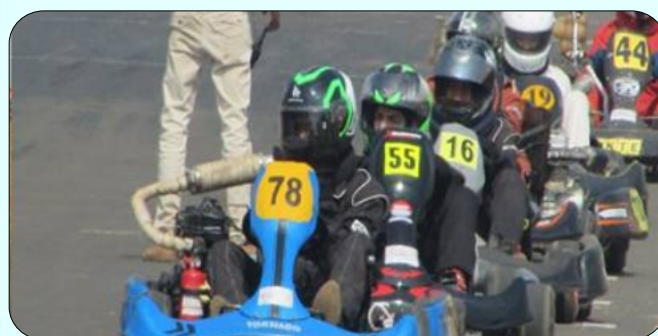
Mr.D.Murugesan AP delivered a technical talk on the 'Future Storage Technology- DNA Digital Storage, Storage of Digital data for recovery' on 01.03.2018.

Dr.C.Amali AP presented a seminar on the 'Emerging Technologies and Research Challenges Ahead of 5G Networks' on 02.03.2018.

Ms.K.Sobana AP expressed a speech on the 'Diplomats, Ultrasound, and Intermodulation Distortion in Cuba' on 26.03.2018.

Ms.R.Birundha presented a seminar on the '2-D Beam-Steerable Integrated Lens Antenna System for 5G E-Band Access and Backhaul' on 27.03.2018.

Indian Karting Championship Event



A four day Indian Karting Championship event was conducted from 12.01.2018 to 15.01.2018 at Mohite's Racing Academy, Kolhapur, Maharashtra. 87 Teams from all over India participated in the event.

Our students' team 'TORNADO' explained the design specifications of our kart and the design aspects along with the various analysis done for the Kart. The brake test and the acceleration test, our team completed the tests successfully. Among the 87 teams, 47 teams got selected for the qualifying race. On completion, the top 12 teams will be selected to the final Endurance Test.

Mr.A.G.Murali Krishna delivered a technical talk on the 'Blue Brain Technology' on 28.03.2018.

Department of Electronics & Instrumentation Engineering

Dr.S.Visalakshi and Dr.R.Umamaheswari published a book titled 'A Text Book on the Basic Electrical, Electronics, Measurements and Instrumentation'.

Dr.S.Visalakshi filed a patent titled 'Balanced Vessel Motion of Marine Vehicles using STEWART Platform' with Ref. No : E-2/951/2018-CHE and Application No : 201841011610.

Dr.R.Umamaheswari filed a patent titled 'Integrated Portable solar Charging and Energy storage Device' with Ref. No : 201814006570, E-2/556/2018-CHE.

Dr.K.Ayyar published 'NFC Based Secure Mobile Health Care System' in the International Journal of Engineering Research and Applications, Volume5, Issue-1, January-2018.

Mr.Sai Prasad.S, Ms.Sudha Shankar. K.J, Mr.Tamilamutham. C, and Mr.Vignesh Kumar. V students of Final Year EIE received the financial assistance of Rs. 10000 from the Management for the Students Projects 2017-18 titled 'Fully Automated Ration Distribution System'.

Ms.Parimala Devi.V, Ms.Sangeetha Priya.K, Ms.Vanishree.R students of Final Year EIE and Mr.P.Tamilmani, A.P published a paper on the 'Ambient Energy Scavenging using Avion's' in the International Journal for Research and Development in Technology, Volume 9, Issue-3, March- 2018 ISSN NO: 2349-3585.

Mr.Pranav.M, Mr.Prasathkumar.R, Ms.Swathiga.S students of Final Year EIE and Mr.Suresh Kumar.V, A.P published a paper on the 'Automated Speed Control of Automotive' in the International Research Journal of Engineering and Technology, Volume 5, Issue-3, Mar. 2018, e-ISSN NO: 2395-0056.

Mr.R. Pavithra, Ms.P.S. Sangeetha, Ms.M. Sakthi Devi students of Final Year EIE and Ms.S. Vanila, A.P published a paper on the 'Design and Implementation of a Rescue System for the Safety of Women by using Arduino Controller' in the International Journal of Advance Research, Ideas and Innovation in Technology, Volume 4, Issue-2, 2018 ISSN NO: 2454-132X.

Mr.Mohan Raj.M, Mr.Muhammed Muzzammil.J, Mr.Karthik.R, Mr.Gowthaman S students of Final Year EIE and Mr.K.R. Ganesh, A.P published a paper on the

'Regenerative Braking System for Energy Harvesting from Railways and Vehicles' in the International Journal of Modern Trends in Engineering and Science, Volume 5, Issue-3, 2018 ISSN NO: 3248-3121.

Ms.Jahnavi.R, Ms.Kavya.B, Ms.Madhumathi.B students of Final Year EIE and Mr.Shiva.G, A.P published a paper on the 'Appliances Control in Virtual Reality using Leap Somatosensory Controlled Switches' in the International Research Journal of Engineering and Technology, Volume 8, Issue-3, March- 2018, e ISSN NO: 2250-1371.

Ms.Daarini.K.V, Mr.Aneesur Rahman.S students of Final Year EIE and Mr.Sowrirajan.N, A.P presented a paper on the 'IoT Based Home Automation System with Customized Fixtures and Control' in the National Conference on the Emerging Trends in Science Engineering and Technology on 16th March 2018 at Jerusalem College of Engineering, Chennai.

Ms.M.Pooja Lakshmi, Ms.J.M. Sivadharani, Ms.B.Swetha Lakshmi students of Final Year EIE and Dr.Andy Srinivasan, Prof., published a paper on 'A Harmonized Traffic Control System in Smart Cities' in the International Journal of Engineering Science and Computing, Volume 3, Issue-5, March- 2018, e ISSN NO: 2321-3361, Page No:73-76.

Mr.S.Sanjay, Mr.R. Nijanthan students of Final Year EIE and Mr.C.Praveen Kumar, A.P published a paper on the 'IOT based Health Monitoring and Safety Bot' in the International Journal of Engineering Science and Computing, Volume 8, Issue-3, March- 2018, e ISSN NO: 2321-3361.

The Dept. of Electronics and Instrumentation Engineering in association with ISA VMEC Student Charter organized a Guest Lecture on the 'Digital Signal Processing-Digital Filters and Adaptive Digital Filter Design' on 11th January 2018.



Guest Lecture on the 'Digital Signal Processing-Digital Filters and Adaptive Digital Filter Design'

The Second Year U.G students (Section-1) of the Dept of EIE visited Sakthi Transformer, Chennai on 2nd Feb. 2018.



II Year EIE-1 visited Sakthi Transformer

The Dept. of Electronics and Instrumentation Engineering in association with the ISA-VMC Student

SPORTS

Our VEC team secured III place in the National Level Cultural and Sports Festival conducted at VIT Institute of Technology (Chennai Campus).

The International Sports & Cultural Carnival conducted at VIT Institute of Technology (Vellore Campus).

The following students won prizes in the Athletics.

- Ms.Divya, M, III IT secured II Place in Long Jump.
- Ms.Jeevitha, II Civil secured II Place in 400 mts.
- Mr.Sivakumar, III Civil secured III Place in 400 mts.
- Mr.Sivarajan. A, II MBA secured I Place in Triple Jump.
- Mr.Sivarajan. A, II MBA secured II Place in Long Jump.

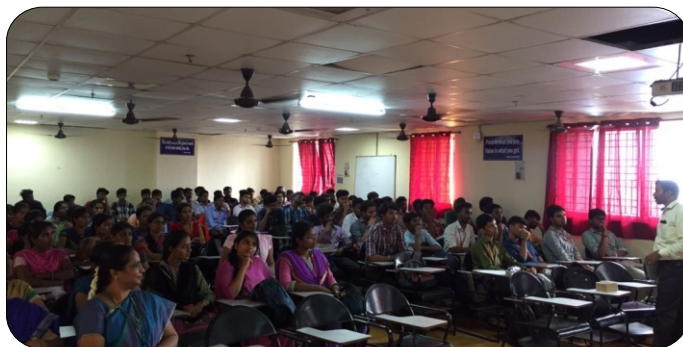
Charter organized a Value-Added Course on the 'Challenges and Opportunities in Embedded Control Based Instrumentation' from 02-02-2018 to 06-03-2018.



Value-Added Course on the 'Challenges and Opportunities in Embedded Control Based Instrumentation'

The Dept. of Electronics and Instrumentation Engineering in association with ISA-VMEC Student Charter

organized a Workshop on the 'Design of Electronics Instruments' on 13th March 2018.



Workshop on the 'Design of Electronics Instruments'

The Second Year U.G students (Section-2) of the Dept of EIE visited the Integral Coach Factory (ICF), Perambur, Chennai on 13th February 2018.



II Year EIE - 2 visited the Integral Coach Factory (ICF), Perambur

The Second Year U.G students (Section-3) of the Dept of EIE visited Sakthi Transformer, Chennai on 16th March 2018.



II Year EIE-3 visited Sakthi Transformer, Chennai

The Third Year U.G students (Section-2) of the Dept of EIE visited Technocrat Automation Solutions Pvt. Limited, Nungambakkam, Chennai on 23rd March 2018.



III Year EIE - 2 visited Technocrat Automation Solutions Pvt. Limited

Mr.Karthikeyan.S student of Second Year EIE participated in the events Robo Maze, Technical Quiz and

CSI Student Branch - VEC



Our Principal Dr.B.Chidambararajan received the most prestigious award of CSI 'Best Accredited Student Branch Award 2017' for our College at Science City, Kolkata during the CSI National Convention on January 21st 2018 & Dr.M.Senthil Kumar, Associate Professor of CSE received the 'Longest Continuous SBC Award 2017'.

Mr.G.R.Ramanan & S.Yadunandan of III CSE published an article on 'Cloud Computing' in the CSI Adhyayan Digital Magazine of CSI. Page No 38-43.

The CSI-Student Branch of Valliammai Engineering College organized a workshop on IoT in Cloud Architecture for the CSI student Member Volunteers on 16.03.18. The Chief Guest was Mr.Sabarinath., CEO, Respro Labs Pvt. Ltd.

The CSI-Student Branch of Valliammai Engineering College organized an Inter-college Technical Contest for the CSI student Member Volunteers on 23.03.18.



SAE BAJA - INDIA 2018



The Principal & Vice Principal with the Team Members of the SAE BAJA - India 2018

Circuit Debugging organized by the Dept of ECE, Easwari Engineering College held on 5th January 2018.

Ms.Keerthi.J & Mr.Karthikeyan.A. K students of third Year EIE participated in a One day Seminar on the 'Intelligent Control system for the Industrial Automation' held on 17th January 2018 in Jerusalem College of Engineering.

Mr.Abhijeet.S.R., Mr.Balakrishna.T and Mr.Jaya Surya.R students of Final Year EIE won 1st prize in the Project Expo conducted by Adhiyamaan College of Engineering in association with the Institution of Engineers (India) held on 23rd and 24th March 2018.

Mr.M.Adhithan, Ms.A.Dhivya, Ms.D.Kavinisha and Mr.V.Manoj Vishal students of Final Year EIE won 2nd prize in the Project Expo conducted by Adhiyamaan College of Engineering in association with the Institution of Engineers (India) held on 23rd and 24th March 2018.

Mr.M.Adhithan, Ms.A.Dhivya, Ms.D.Kavinisha and Mr.V.Manoj Vishal students of Final Year EIE presented a paper on the 'Neonatal Monitoring and Security System Using RFID Tag' in the National Conference conducted by SMK Fomra Institute of Technology held on 3rd March 2018.

Ms.Madhumathi.B, Ms.Jahnavi.R and Ms.Kavya.B students of Final Year EIE presented a paper on the 'Appliances Control in Virtual Reality Using Leap Motion Somatosensory (LMSS) Controlled Switches' in the National Conference conducted by Jerusalem College of Engineering, Chennai held on 16th March 2018.

Mobile App for Engineering Students Community



Meeting with Thiru Sunil Paliwal IAS, Principal Secretary to Government, Higher Education Department by Dr.K.Elango, HOD/EEE with the Students Mr.V.Dhinakaran, II Yr EEE & Mr.A.K.Ambrish, II Yr ECE for demonstrating the 'Mobile App for the Engineering Students Community' on 22.01.2018 during the Academic Year 2017-18.

Mr.Nishanth.D, Mr.Selvaganapathy.S, Mr.Vishal.B, Mr.Sushanth.K students of Final Year EIE and Mr.I.Andrew Xavier Raj, A.P presented a paper on the 'Enhanced Effective Metering for Non- Sinusoidal Loads' in the International Conference held on 7th March 2018 at St. Joseph College of Engineering, Chennai.

Mr.Rohith Kannan.M, Mr.Pradeep Kumar.R, Mr.Vignesh.J and Mr.Vijay.J students of Final Year EIE published a paper on the 'Design of Self-Powered Standard Vibration Monitoring System Using MEMS Accelerometer' in the International Journal of Modern Trends in Engineering and Science Vol 5 Issue 03 2018 and ISSN No: 2348-3121.

Ms.Abarna.G, Mr.Manikandan.D and Mr.Anthony Stephen.A students of Final Year EIE and Ms.M. Ramya Princess, A.P presented a paper on the 'Automated Medical Machine Enabling Enhanced Features for Telemedicine Using Cloud Computing' in the National Conference conducted by Jerusalem College of Engineering, Chennai held on 16th March 2018.

Mr.Natarajan.A, Mr.Ramm Kumar.B, Mr.Suresh Babu.M and Mr.Shahid Afridy.J students of Final Year EIE published a paper on the 'Vehicle Ignition Using Fingerprint Sensor and Theft Identification' in the International Journal of Modern Trends in Engineering and Science Vol 5 Issue 03 2018 and ISSN No: 2348-3121.

Mr.K.S.Usha, Mr.A.Nitha and Mr.D.Nancy Sevanna students of Final Year EIE published a paper on the 'Power Distribution Scheduling for Electric Vehicles Using Wireless Power Transfer' in the International Journal of Modern Trends in Engineering and Science Vol 5 Issue 03 2018 and ISSN No: 2348-3121.

Ms.Keerthi.J & Ms.Lalithapriya.K students of III Year EIE won 3rd place in Maschera (Face Painting and Tattoo Making Contest) event conducted by IIT Madras on 12.01.2018.

Mr.Jaya Surya.V of II Year EIE participated in Enantra 2018 organized by the Centre for Entrepreneurship Development (CED), Anna University Chennai held on 9th and 10th February 2018.

Mr.Sandeep R of III Year EIE took part in the events noted below and won prizes held at MIT, Chrompet during 10-11 February 2018.

- Secured 2nd place in 3×3×3 with feet in the Carte Blanche Kube Open'18
- Secured 3rd place in 2×2×2 Cube Speed solving in the Carte Blanche Kube Open'18
- Secured 3rd place in Rubik's clock in the Carte Blanche Kube Open'18
- Secured 3rd place in 3×3×3 One-Handed in the Carte Blanche Kube Open'18
- Similarly, Secured 2nd place in Clock Event held at Amrita School of Engineering, Coimbatore held on 22nd and 24th February 2018.

Ms.Keerthi.J of III Year EIE took part in the events noted below and won prizes held at SRM Institute of Science and Technology, Kattankulathur, Chennai during 7-11 March, 2018 in Milan'18.

- Secured 1st prize in Mask Making.
- Secured 2nd prize in Pot painting.
- Secured 2nd prize in Doodling.
- Secured 2nd prize in Face Painting.

- Participated in the events, Road Graffiti, T-Shirt Painting, Potrait & Wall Graffiti.
- Secured 1st prize in SPLASHIT held at CIPET: Institute of Plastics Technology (IPT), Chennai on 16th & 17th March, 2018.

Mr.Balakrishna.T, Mr.Abhijeet S.R.T, Mr.Jayasurya.R students of Final year EIE and Dr.Visalakshi.S, Prof. and Head published a paper on the 'Maritime Border Alert System and Shutdown of Outboard Motors' in the International Journal of Engineering Science and Computing Vol 8, Issue 04, April 2018, Page No. 16716-16718

Dr.S.C.Prasanna, Ms.Joy Vasantha Rani.S.P and Ms.Selestin Soundarya.A. published a paper on the 'FPGA Realization of Optimized Digital Down Converters for WCDMA and CDMA 2000' in the International Journal for Innovative Research in Science & Technology Vol 4, Issue 09, Feb. 2018, Page No. 115-124.

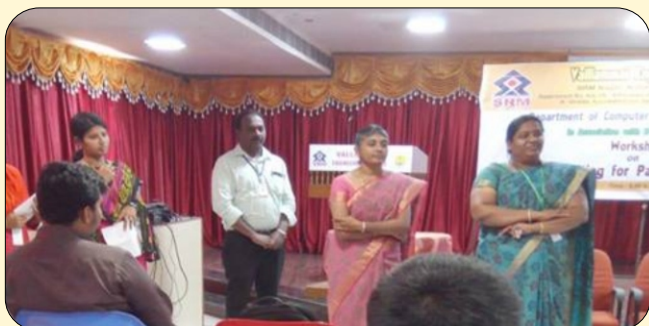
Mr.K.R.Vishal, Mr.T.Vignesh Yadhav, Mr.N.Prem, Mr.R.Nirmal Prasanth students of Final year EIE and Dr.K.Ayyar, Assoc. Prof. published a paper on the 'Smart Agriculture' in the International Journal of Modern Trends in Engineering and Science Vol 5, Issue 03, Mar. 2018, Page No.83-86.

Mr. B.Aravindh, Mr.M.Mohamed Famin, Ms.B.Akilandeswari students of Final year EIE and Ms.V.Mangaiyarkarsi, A.P published a paper on the 'Automated Medical Waste Segregation Machine using Arduino Controller' in the International Journal of Advanced Research Trends in Engineering and Technology Vol 5, Issue 05, Mar. 2018, Page No. 30-36.

Mr.R.Deepan Raj, Mr.P.M.Dinesh, Mr.J.Joe Rishwanth Demel, Mr.M.Chandra Prakash, students of Final year EIE and K.Rathna Priya, A.P published a paper on the 'Autonomous Residential Threat Neutralization System' in the International Journal of Modern Trends in Engineering and Science Vol 5, Issue 04, Mar. 2018, Page No. 32-34.

Ms.Keerthana.S, Ms.Kiruthika.P, Ms.Jenita.E, Ms.Haripriya.A students of Final year EIE and Ms.Ramjan Begum.M, A.P published a paper on the 'Smart Shopping Cart in Super Market' in the International Journal of

Workshop on Drafting for Patent Filing



The Department of Computer Science and Engineering in association with the IPR Cell and Computer Society of India organized a Workshop on the 'Drafting for Patent Filing' on 08.03.2018. A total number of Sixty Seven (67) participants from various departments including Students, Faculty members and Heads of the Department attended the Programme and were benefitted. Ms.P. Ilanangai Ponnambalam, IPR Practitioner, Patent Agent of Chennai Patent Office was the Chief Guest.

Engineering Science and Computing Vol 8, Issue 03, Mar. 2018, Page No. 16340-16341.

Mr.S.Santhosh, Mr.V.Sri Rama Gokula Krishnan students of Final year EIE and Mr.C.Praveenkumar, A.P published a paper on the 'Health Monitoring and Safety BOT Based on IoT' in the International Journal for Research & Development in Technology Vol 9, Issue 03, Mar. 2018, Page No. 206-209.

Department of Information Technology

A seminar on the 'Web Services' was organized on 13th March 2018 and the Resource Person was Mr.R.Jerome, Tech Lead, MST Solutions, LLC, Chennai.



Seminar on the 'Web Services'

A one day Industrial Visit to 'Chennai Science Festival - 2018' was organized on 24th February 2017 for the Second and Third Year IT Students at Birla Planetarium, Chennai.



Industrial Visit to 'Chennai Science Festival - 2018'

A one day Industrial Visit to 'ECS Datamatics' was organized on 15th February 2018 for the Second Year IT-2 Students.



Industrial Visit to 'ECS Datamatics'

A seminar on the 'Syntax Directed Translation' was organized on 2nd February 2018 and the Resource Person was Ms.Chamundeswari Ethirajan, Project Manager, GBS Pvt Ltd., Chennai.



Seminar on the 'Syntax Directed Translation'

A Value Added Course on the 'HTML 5' was organized from 2nd February 2018 to 6th March 2018 and Ms.R.Thenmozhi, A.P and Mr.E.Prabhakarraj, A.P were the Resource Persons.



Value Added Course on the 'HTML 5'

A seminar on the 'I/O Systems' was organized on 10th January 2018 and the Resource Person was Mr.S.Ravikumar, Delivery Project Manager, Ford, Chennai.



Seminar on the 'I/O Systems'

A one day 'Project Expo-2K18' was organized on 23rd March 2018.

Ms.R.Meenakshi, A.P, published a paper on the 'Identification of Invalid Signatures in Wireless Mobile Network Using Energy Level Monitoring' in the International Conference on the 'Innovative Trends in Engineering, Applied Science and Management'/IJIACS, Volume 7, Issue 3, March 2018.

Dept. of CSE signed an MoU with 'RCICS, Kyungil University' & 'WookYoung Information Technology', South Korea



Department of Mechanical Engineering

An industrial visit to 'K Tech Agro Pvt. Ltd', Thirumullaivoyal, Chennai was arranged for the Second Year, Section 1 students on 04.01.2018.



Industrial visit to 'K Tech Agro Pvt. Ltd', Thirumullaivoyal Chennai

A Guest Lecture on the 'Applications of Modern Engineering Materials' was conducted for the second year students on 02.02.2018. Mr. M.R. Manivasgam, B.E. M.Tech., , Assistant Controller of Patent and Design, Patent office IPR Building, Guindy-32, delivered his lecture on various technical areas.



Guest Lecture on the 'Applications of Modern Engineering Materials'

A visit to 'MSME Vendor Expo 2018' was conducted by MSME, Development Institute at Guindy, Chennai on 03.02.2018. Students visited 150 stalls displayed in the exhibition.



Visit to 'MSME Vendor Expo 2018'

An Industrial Visit was arranged to 'Madras Engineering Industries Pvt. Ltd' on 08.02.2018 for the Second year Section IV students. Students visited Warehouse, Furnace section, Core section, Moulding unit, Moulding sand section and Fettling section.

An Industrial visit to the Integral Coach Factory, Chennai, for the Second year students was arranged on 09.02.2018.



Industrial Visit to 'Madras Engineering Industries Pvt. Ltd'

Students visited Railway Museum, Furnishing Factory and Coach Shell Factory.



Industrial visit to Integral Coach Factory, Chennai

A Guest Lecture on the 'Automobile Engineering' was conducted for the Third Year students on 14.02.2018. The Resource Person Mr. Vijay K, CAE / FEA Engineer, delivered a lecture on different technical areas.



Guest Lecture on 'Automobile Engineering'

A visit was arranged to Chennai Science Festival-2018 for the second and the third year students conducted by Anna University, Chennai at Brila Planatarium Campus, Gandhi Mandapam Road, Chennai-25 on 24.02.2018.



Visit to Chennai Science Festival - 2018

Guest Lecture on the 'Industrial Applications of Hydraulics and Pneumatics' for the final year students was arranged on 05.03.2018. Er.K.Sadasivan, M.E., Technical Team Head, DEV Systems, Chennai delivered the lecture.



Guest Lecture on the 'Industrial Applications of Hydraulics and Pneumatics'

An industrial visit to Madras Atomic Power Station (MAPS), Kalpakkam was arranged on 08.03.2018 for the third year Section I students.



Industrial visit to Madras Atomic Power Station (MAPS), Kalpakkam

An Industrial Visit to 'TVS Training & Services Limited' was arranged on 08.03.2018 for the third year Section II students. Students understood the concepts of PLC and automation works based on hydraulic circuits.



Industrial Visit to 'TVS Training & Services Limited'

Camp Officer for 69th Republic Day Parade



Mr.S.Parthasarathy, NSS Unit Programme officer has been selected as Camp Officer for 69th Republic Day Parade by Tamil Nadu State NSS Cell, Directorate of Collegiate Education Chennai. He taken charge as Camp Officer from 16th to 26th Jan. '18 and awarded with a Memento and Certificate.

On 09.03.2018 an industrial visit was arranged for the third year Section III students to 'TVS Training and Services Limited'. Students understood the scope of automotive in job market, individual parts and accessories of various two wheelers like Royal Enfield and Hero Splendor bikes.

A National Seminar on the 'Emerging Technologies in, Mechanical Engineering [NSETME-2018]' was conducted on 16.03.18. Dr.P.Madasamy, M.S, Ph.D Scientific officer-E, BARC, Kalpakkam, delivered a lecture on the 'Thin Layer Activation Technique for the on line monitoring of the Flow Accelerated Corrosion in a Bend pipe and comparison with CFD modeling, in which he focused on FAC in nuclear plants'. Mr.S.Athimoolakrishnan, M.E.,(Ph.D), Scientific officer, IGCAR, Kalpakkam, delivered a lecture on the 'Fracture Mechanics and Applications to Design'. The post lunch session was handled by Mr.S.Kumar, B.E., MBA, Application Engineer Associate, M/s.Flowserve India Controls Pvt.Ltd. The last session was handled by Mr.Srinivasan Palanisamy, B.E., M.E Manager Design Department, M/s.Visteon India Pvt. Ltd, Chennai on the recent trends in Automobile Engineering.



National Seminar on the 'Emerging Technologies in, Mechanical Engineering'

Department of Master of Computer Applications

The Department organized a Guest Lecture on the 'Internet of Things' (IoT) in association with the VEC-CSI Students Chapter, National Cyber Security and Safety Standards and Co-organized by IQAC, VEC on 2nd February 2018. The Chief Guest of the function was Dr. A. Jeyasekar, Associate Professor, Dept. of CSE, SRM Institute of Science and Technology, Kattangulathur.



Guest Lecture on the 'Internet of Things'

The Department Organized a Guest Lecture on the 'J2EE Technologies for Web Applications Development' in association with the VEC-CSI Students Chapter, National Cyber Security and Safety Standards and Co-organized by IQAC, VEC on 23rd February 2018. The Chief Guest of the function was Mr. L. Venkataramanan, Technical Lead, BNP Paribas India Services Pvt. Ltd., Chennai.

Modeling of Wind Turbine and Wind Turbine Testing



The Departments of EEE & Mechanical Engineering are coordinating the Renewable Energy Club activities. As a part of club activities, Guest Lecture program was conducted on 'Modeling of Wind Turbine and Wind Turbine Testing' on 16.03.2018 for renewable energy club members. Mr.A.Francis Mozart-Manager,Wind Turbine Testing,ReGen Powertech Private Limited, Chennai, was the Chief Guest.



Guest Lecture on 'J2EE Technologies for Web Applications Development'

Mr. S.K. Saravanan, A.P. (Sel.G), published a Research Journal Paper 'Krill Herd Based Feature Selection and Classification for Credit Card Fraud Detection' in the International Journal of Pure and Applied Mathematics', Volume 118 on February 2018.

Mr.S.Surya Narayanan and Mr. K. Yuvaraj III year MCA Students presented a paper in the International Conference held at ARS College of Engineering and Technology, Sattamangalam, Maraimalai Nagar, Chennai on 03.03.2018.

Department of Master of Business Administration

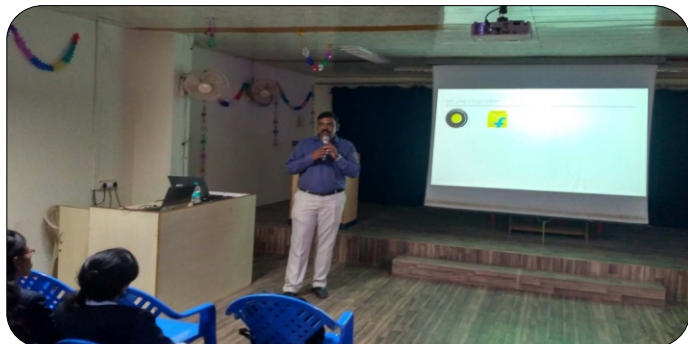
The Dept. of Management Studies and Entrepreneurship Development Cell, Valliammai Engineering College conducted 'S100' Course offered by the National



'S100' Course offered by the National Entrepreneurship Network

Entrepreneurship Network for students. Mrs.Sujaya, distributed the certificates to the successful candidates.

A Guest Lecture on the 'Entrepreneurship through Digital Commerce' was held on 05.02.2018. Mr.K.Gowrisankar, Technology Architecture Delivery Manager (Digital) from Accenture Solutions, Chennai addressed the students.



Guest Lecture on the 'Entrepreneurship through Digital Commerce'

A Guest Lecture on the 'Career Opportunities in Corporate World & Issues in Marketing' was held on 15.03.2018. Dr.CA.V. Murali, FCA, FCMA, DLitt, former President, Hindustan Chamber of Commerce



Guest Lecture on the 'Career Opportunities in the Corporate World & Issues in Marketing'

An industrial visit to M/s. Modern Bakers Pvt Ltd, Chennai was arranged for the First Year MBA Students on 16.03.2018.

The Dept. of Management Studies, Valliammai Engineering College organized a one day program on the 'Management Parley' on 23.03.2018 for the MBA Students. 111 Students from various colleges participated in the event. Dr. Geetha Premkumar, Director, Vector Indojanix Pvt Ltd, Chennai inaugurated the event in the presence of Dr.B.Chidambararajan, Principal and Dr. M. Murugan, Vice Principal. Dr. Geetha Premkumar addressed the students on Emotional Intelligence and Employability Skills. Mr.Srinivasan Ranganathan, Senior Consultant, Tata Consultancy Services, Chennai delivered a lecture on the 'Scope for Management Graduates in IT Industry'.



A one day program on the 'Management Parley'

Department of Placement and Career Guidance

National Employability Conclave



National Employability Conclave 2016-17 was held in seven major cities across India on 24th January 2018. The CareerGuru Awards have been initiated by Aspiring Minds to recognize the outstanding efforts and constant contributions of Training and Placement Officers towards fulfilling the placement aspirations of their students.

The Department of Placement & Career Guidance conducted a Workshop on the Aptitude Shortcuts on 16th February 2018 for the IT Pre-final year students.

Between January and March 2018, totally 17 companies visited and 93 candidates were selected.

The Placement Club 'Scholastic Ingenium' organized the following Programs.

- 'Debate' and 'Blog-Writing' on 10th January 2018.
- 'Block & Tackle' and 'Ad Making' on 19th January 2018.
- 'Proposal' and 'Script Writing' on 15th February 2018.
- 'Pictionary' and 'Tiny Tale' on 20th February 2018.
- 'Channel Hop' and 'Poetry' on 13th March 2018.

Department of English

Linguathon Phase II - a series of competitions was held on 9th Feb 2018. The following events were conducted for the first year students- JAM, Creative Writing and Short Film Making.



Linguathon - a series of competitions

Mr.Abhishek David John and Ms.M.Arthi presented and published a paper on the 'Integration of Communicative Technologies in English Language Teaching' in the International Seminar on the 'Emerging Paradigms in English Language Teaching and Literature' held at Hajee Karutha Rowther Howida College on 9th Jan 2018. The paper was published in BODHI International Journal of Research in

Humanities, Arts & Science. Vol. 2, ISSN 2456-5571. Spe. Issue: 1, Jan 2018.

Prof.N.Lakshmana Perumal, Ms.M.Arthi A.P., Ms.S.Shyamala A.P., participated in the special workshop organized by the Indian Science Congress Association Chennai in association with SRM Institute of Science and Technology, Kattankulathur.

Mr.Abhishek David John, Ms.V.Jayanthi & Ms.M.Chithra published a paper on the methods for improvising the Reading skills in the International Journal of Research in Engineering & Technology, Feb 2018, 1-4.

Ms.M.Arthi published a paper on 'A Critical study of Indian Middle class women' by Manju Kapu's 'Home' in the International Journal of Research in Humanities, Arts & Literature, Feb 2018, 29-32.

Mr. Abhishek David John, Asst. Prof. Dept of English published the following books with ISBN. 1. Birds eye view on Interview questions, Feb. 2018, ISBN: 978-93-5300-541-2, 2. Logical Reasoning Handbook for Engineers, Feb 2018, ISBN: 978-93-5300-648-8, 3. Communication Handbook for Engineering students, Feb. 2018.

The first and second sessions of the oratorical competition were held under the auspices of Burke Club on 1st Feb 2018 & 26th Feb. 2018 respectively.

Department of Physics

A Guest lecture was delivered by Dr. I. Raja Mohamed, Professor and Dean (Academic Research) B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai on 'Non Linear Electronics' on 9th February 2018.

The National Seminar on 'Renewable Energy' was organized on 10th March, 2018.



National Seminar on 'Renewable Energy'

A Guest lecture was delivered by Dr. D. Nedumaran, Associate Professor & Head incharge, Department of Central Instrumentation and Service Laboratory, School of Physical Sciences, University of Madras, Chennai on 'Analytical Techniques' on 22nd March 2018.



Guest Lecture on 'Analytical Techniques'

Mrs.Ramya Rajan.M.P, participated in the '6th National Conference on Hierarchically Structured Materials' held during 16-17th February 2018 at SRM Institute of Science & Technology, Ramapuram Campus, Chennai..

Mrs.S.Gandhimathi, presented a paper on 'Sulfonated Poly(ether sulfone) and heteropoly acid composite membrane for fuel cell applications' in the '6th National Conference on Hierarchically Structured Materials' held during 16-17th February 2018 at SRM Institute of Science & Technology, Ramapuram Campus, Chennai and won the best oral presentation award.

Dr. S. Murugavel and Mrs. R. Nithya Balaji participated in the one day Faculty Development Programme in 'Skill Development in Research, Projects and Patent Filing' held on 17th February 2018 at Saveetha Engineering College, Tandalam, Chennai.

Dr. H. Krishnan attended the 'Conference on Industry Academia R&D Ecosystem' organized by ICRPT, Anna University, Chennai during 26-27th February 2018.

Department of Mathematics

The Mathematics Association 'Euler.Com' organized a Guest Lecture on the 'Statistics and Numerical Methods' on 16th February 2018 for the IV Semester B.E Mechanical Engineering Students. The lecture was delivered by Dr.S.Joshua David, Assistant Professor, Department of Statistics, Madras Christian College, Chennai.

It organized 'Mathfest 2K18' for the first year B.E., B.Tech, students. The events conducted were Olympiad, Puzzles, Paper Presentation and Mathematical Modeling. Around 250 students participated in Olympiad and Puzzle. In the afternoon session, the Quiz programme was conducted. After the quiz programme, the valedictory function was held. Dr.M.Murugan, the Vice Principal graced the occasion and distributed the prizes to the winners.



'Mathfest 2K18'

Dr.S.Chitra and Dr.T.Isaiyarasi published a book on 'Engineering Mathematics-II' with ISBN number.

Department of Chemistry

Dr. S. G. Gunasekaran published a paper on 'Pyrenyl Pendent Siloxane Core Dendritic Skeletal Chain Extended Multi-Walled Carbon Nanotube Reinforced Hyperbranched Polyimide (MWCNT/PI) Nanocomposites' in the International Research Journal of Engineering and Technology, Vol. 5(1), pp. 1-11, January 2018.

The Department organized a National Conference on the 'Recent Developments of Chemistry in Engineering Applications' on 3rd February 2018. Dr.B.Rajakumar, Professor, IIT Madras, Chennai was the Chief Guest and delivered a lecture in the first session. Dr.S.Ganesh, Senior



National Conference on the 'Recent Developments of Chemistry in Engineering Applications'

Scientist, Organic & Bio-organic Chemistry, CSIR-CLRI, Adyar, Chennai delivered a lecture on the 'Development of amino acid based soft material (gel) using supramolecular self assembly approach and their applications'. Dr. S. N. Jaisankar, Principal Scientist Polymer Science & Technology, CSIR-CLRI, Adyar, Chennai delivered on 'Water based polymer nanoclay composites for hydrophobic surface coatings' and distributed prizes for the best papers.

The Department of Chemistry organized a Guest Lecture on the 'Renewable energy' on 08th February 2018. Dr.P.Nagaraj, Assistant Professor, Dept of Chemistry, Anna University, Chennai delivered the lecture.



Guest Lecture on the 'Renewable Energy'

Dr.S.G.Gunasekaran, Dr.L.Devaraj Stephen and Dr.M.Soundarrajan published a paper on the 'Comparative Removal of Chromium Toxic Metal from Water Using Vermiculite Blended Chitosan Coated Carbon Biopolymer Composites' in the International Journal of Civil Engineering and Technology, Vol. 9(2), pp. 76-86, February 2018.

The Department of Chemistry organized a Guest Lecture on the 'Engineering Materials' on 2nd March 2018. Dr.S.R.Revathi Shanmugam, A.P., Dept of Chemistry, Anna University, Chennai delivered the lecture.



Guest Lecture on the 'Engineering Materials'

Dr. L. Devaraj Stephen was selected to write the 9th & 10th Chemistry books under SCERT, Dept. of School Education, Government of Tamilnadu during March 2018.



'Resonance 18'

Dept. of Chemistry and Physics in association with the 'Physical Sciences Club' jointly organized 'Resonance 18' (Technical Meet for I year B.E/B.Tech students) on 7th March 2018.

In the National Conference on the 'Challenges in Energy Conversion and Environmental Applications' organized at Bannari Amman Institute of Technology, Sathyamangalan, Erode District. during 23-24th March 2018, the Staff noted below presented papers.

- Dr.L.Devaraj Stephen presented a paper on Photocatalytic Behaviour of the Metal Centre of CoIII(L)33+ with nm-TiO₂ in Binary Solvent Medium.
- Dr.M.Soundarrajan presented a paper on the Sources and Effects of Toxic Metals in Human Health.
- Dr.S.G.Gunasekaran presented a paper on Siloxane Core Dendritic Skeletal Pyrenyl Pendent Multi-Walled Carbon Nanotube Reinforced Hyperbranched Polyimide (MWCNT/PI) Nanocomposites.
- Dr.N.Jayaprakash presented a paper on Synthesis, Characterization and their Application of ZnO Nanoplates by using Orange Peel Extract.
- Mr.T.Athimoolam presented a paper on Catalytic Asymmetric Synthesis of Biologically Active Natural Products via Rhodium(II)-bound Carbonyl Ylide Formation-and it is reactivity process in one Pot.

NSS

The NSS Unit in association with the Student Affairs Cell organized an 'Organ Donation Awareness' programme on 18.01.2018. The Resource Person from Mohan Foundation (Multi-organ Harvesting Aid Network) spoke on the organ donation and transplantation. 41 students and 12 Faculties attended this awareness programme.

The NSS unit of Valliammai Engineering College in association with the Government General Hospital organized a Blood Donation Camp on 15.02.2018 & 16.02.2018. Totally, 350 units of blood were collected. The donors received certificates of recognition.



Blood Donation Camp

The NSS unit organized the Pond Cleaning activity on 24.03.18 in Ozhalur, Chengalpattu.

The NSS Unit organized the Multi Awareness Programme on Traffic, Road Safety and Global Warming on 03.03.2018. On this occasion, a rally was organized.



Awareness Programme on Traffic, Road Safety and Global Warming

The volunteers constructed 6 communal toilets and a soak pit was also built for assisting the rain water to penetrate into the ground levels easily from 17.03.18 to 23.03.18 in Ozhalur, Chengalpattu.



Construction of communal toilets and a soak pit by NSS Volunteers

A free Eye Screening camp was organized by the NSS unit of Valliammai Engineering College at the New Seminar Hall on 24.02.2018 in association with M.N. Eye Hospital, Adyar, Chennai. Dr. Shruti Nishanth, Executive Director, M.N. Eye Hospital inaugurated the event and gave a presentation about eye care and prevention. A video clip about various common eye illness and steps of prevention was also played. A special video 'Make Your Eyes Alive Even After Death' clip was showcased to realize the value of eye. M.N. Eye Hospital's Doctors and its team examined the staff and the students with the latest equipment and made the camp a grand success. 192 persons registered and their eyes were examined. Around 102 were advised to wear spectacles and to change their usual spectacles. In addition to that, two were advised to go for laser treatment and three were advised to cadretic surgery. Free consultation and a 20% discount voucher were given to purchase new spectacles for all the visitors.



Free Eye Screening camp

Website : www.valliammai.ac.in



Valliammai Engineering College

RANK HOLDERS 2017 BATCH

 ASSA RAJ M RANK 26 M.E. CS	 SUGANYA S RANK 42 M.E. CSE	 RENUKA DEVI R RANK 6 M.E. PSE	 MAHA LAKSHMI S RANK 8 M.E. PSE	 HARISH J RANK 10 M.E. SE
 KAVYA E RANK 33 M.E. SE	 JAGATHA M RANK 37 MBA	 NIVETHA A RANK 26 B.E. CIVIL	 RATHNA PRIYA P RANK 48 B.E. CIVIL	 SWETHA SURENDRAN RANK 48 B.E. CSE
 YOGESH SINGH P RANK 40 B.E. - EEE	 KALYANI C RANK 44 B.E. - ECE	 SIDDHARTH N RANK 46 B.E. - MECH	 SHRUTHI V RANK 17 B.TECH. - IT	 SADHANA S RANK 47 B.TECH. - IT



Congratulations





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

NBA
Accredited

CSI
Accredited

ISO
9001:2015
certified

National Cyber
Safety & Security
Standards
Accredited

DSIR Recognized
Scientific & Industrial
Research
Organization

Academics

139 University
Ranks &
Gold Medal
in last six years

100%
Results in Anna University
Exams by
133 Faculty members

27 MoUs
For academic activities &
Collaborative Research

367
Events in 5 years
Symposiums, National
Conferences, National Seminars,
Guest Lectures, Workshops etc.,

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

NSS Team 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,
CADeploy, etc.

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

TCS
Accredited

Entrepreneur Cell,
Value Added
Courses
&
NPTEL
Study Centre of
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

727
Journal Papers published
in 5 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

Extra-Curricular Activities & Achievements

Sports

International, National
& State level participation
in Athletics, Taekwondo,
Basket Ball, Hand Ball, Yoga,
Skating Hockey & Kho-Kho

Athletics

Won Gold & Silver Medals
in Shot Put, Discus throw
Javelin throw, Running
Long Jump & High Jump

Others

Paarivendhar
Tamil Mandram
&
Fine Arts Club

Short Film

1 Lakh
Cash Prize
our students
won for the
Short Film
'Vizhiyin Mozhi'
organized by
YES Foundation