



Valliammai Engineering College

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VEC NEWS

[Quarterly]

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We can't predict, but we can ensure that our students will be the most knowledgeable of leaders, that they will make a difference and that they will creatively and skillfully guide the next century of progress and excellence.

Dr. T. R. Paarivendhar

Founder Chairman & Chancellor, SRM University

Department of Civil Engineering

The First Year M.E. Structural Engineering students went on an Industrial Visit to TTRS (Tower Testing Research Station) at Trisulam on 20-04-2017.

Dr.D.Elango, Professor & Head delivered a lecture on 'Watershed Management' at Jerusalem College of Engineering on 10.05.2017. He was the Guest Speaker and delivered a lecture in the Faculty Development Programme on the 'Water Resources and Irrigation Engineering' sponsored by the Anna University.

Ms.R.Anjughap Priya & Ms.Y.Sathya, Assistant Professor, attended a Faculty Development Program on the 'Water Resources and Irrigation Engineering' at Jerusalem College of Engineering from 08.05.2017 to 14.05.2017.



Lecture on 'Torsion'

The Dept of Civil Engineering organized a Faculty Development Programme on 'Mechanics of Solids' from 08.05.17 & 09.05.17. Dr.P.R.Kannan Rajkumar Assistant Professor (Sr.G.), SRM University & Dr.P.Tamilselvi, Associate Professor, Anna University delivered lectures on 'Torsion' & 'Stress and Strain'. The External expert members shared their wide knowledge and experience on Mechanics of

Solids and the internal expert members of VEC engaged the remaining sessions.



Lecture on 'Slopes and Deflection'

The Dept. of Civil Engineering organized a Faculty Development Programme on the 'Design of Reinforced Concrete Elements' on 10.05.17 & 11.05.17. Dr.S.Senthil Selvan, Professor, SRM University, external expert member shared his wide knowledge and experience on 'Footings & Columns' and our Staff of VEC also delivered lectures.



FDP on 'Design of Reinforced Concrete Elements'



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R.ShyamSundar of III year 'C' Section successfully completed the course 'Introduction to Remote Sensing' in NPTEL and obtained a certificate in the Elite category.

The Faculty members of Civil Dept went on an Industrial Visit to the "Diamond Engineering Chennai Pvt Limited" on 23.05.2017.

K.Kanagaraj ,V.Prabhu&S.Ramprasath of III Year 'B' attended a one day workshop on the 'Water Technology based Business Opportunities in association with Bhabha Atomic Research Centre (BARC) Technologies' on 20.06.17 conducted by the Entrepreneurship Development and Innovation Institute (EDII).

Dr.S.Gunaselvi attended a Faculty Development Training Programme on the 'Structural Dynamics and Earthquake Engineering' in the Division of Structural Engineering, Anna University-Chennai from 21.06.17 to 29.06.17.

Department of Computer Science & Engineering

A. Arun (PG student) and A. Vidhya published a paper on the 'Integration of Remote EB Monitoring with Auto Payment System' in the International Journal for Science and Research in Technology, Vol: 3, Issue 4, ISSN: 2395-1052.

K. Shanmugam and Dr. B. Vanathi published a paper on 'A Journey Through the Existing Procedures on OCR Recognition and Text to Speech Conversion Process of Bilingual Languages' in the International Journal of Current Engineering and Scientific Research, Vol: 4, Issue 4, ISSN: 2394-0697.

K.Shanmugam and Dr. B. Vanathi published a paper on 'Enhancing the Border Area Security by Using Haze Removal and Object Classification Techniques' in the International Journal of Current Engineering and Scientific Research, Vol:4, Issue 5, ISSN: 2394-0697.

Alice Joseline (PG student) and S. Benila published a paper on the 'Voice Recognition Based Vehicle Manufacturing' in the International Journal of Engineering Development and Research, Vol: 5, Issue 2, ISSN: 2321-9939.

A. Arun, S. Preethi, S. Suganya, R. Vignesh, P. Keertana, M. Nasreen, R. Raja, S. Dhivya (PG students) participated in a one day Workshop on the 'Impact of the Internet of Things on Big Data' held on 06.04.2017 at the Council of Scientific & Industrial.

R. Vignesh, M. Nasreen, A. Arun, S. Dhivya, S. Suganya, P. Keertana (PG Students) participated in the National Workshop on the Impact of the 'Internet of Things on Big Data' on 5th - 7th April 2017.

M. Nasreen (PG student) participated in the National Cyber Defence Summit '16 on 30th Sep and 1st Oct, 2016.

M. Nasreen (PG student) participated in the 6th IEEE International Conference on 'Communication and Signal Processing' and presented a paper on 'Vehicle Monitoring Using WSN with Improved NLT' on 6th, 7th & 8th April 2017.

National Workshop



Inauguration of National Workshop on 'Impact of Internet of Things on Big Data'

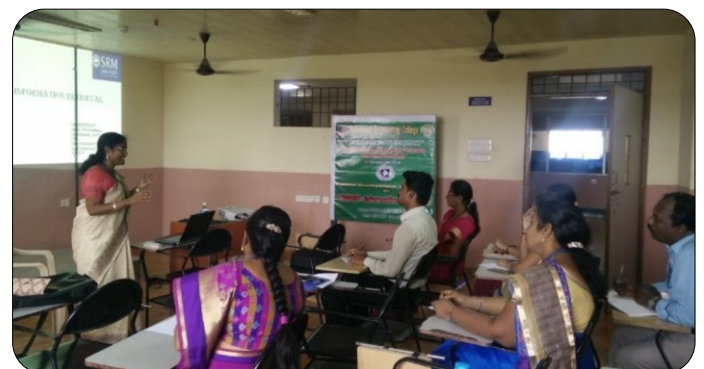
A National Workshop on 'Impact of Internet of Things on Big Data' in association with Council of Scientific and Industrial Research and Computer Society of India (SB) from 5th to 7th April 2017. The Chief Guest of the event was Dr.A.Gopal, Principal Scientist CSIR, Chennai. About 60 participants from various institutions were a part of this event, coordinated by Dr.B.Muthusenthil and Mr.G.Kumaresan. Mr.A.Sada Siva Sarma, Sr. Principal Scientist, Mr.Satish Bindal Scientist, Dr.Chendamarai Selvam, Sr. Principal Scientist and Dr.L.Madankumar, Scientist CEERI , Chennai were the resource persons. ■

A. Sneha, R. Nisha, A. Narmatha, S. Nandhini presented the project 'Hardcopy Text Recognition and Vocalization for visually impaired illiterates in Bilingual Language at 6th CSI-InApp National Student Project Awards 2017 held on 22-23 April 2017.

M. Srinithi (III year UG Student) won the first prize in the English Essay Competition organized by the Science City in connection with the Chennai Science Festival 2017.

Ms.A.Vidhya, A.P, Ms.S.Shanthi, A.P, Mr.M.Nagarajan, Programmer attended Faculty Development Programme 'Python Programming' held on 14th to 16th June at Sri Sai Ram Engineering College.

A two day Faculty Development Programme on 'Information Retrieval' was held on 6th and 7th June 2017.



FDP on 'Information Retrieval'



FDP on 'Internet Programming'

A two day Faculty Development Programme on 'Internet Programming' was held on 25th & 26th May 2017.



FDP on 'Tamil Computing'

A One day Faculty Development Programme on 'Tamil Computing' was organized on 12.06.17. The Resource Person was Mr.S.Rajaraman, Technology Analyst, Infosys. The expert explained the technical aspects of Tamil Computing. The topics covered in the FDP were

- Fundamentals of Tamil Computing
- Tamil computing tools
- Tamil softwares and applications
- Website creation in Tamil
- Blogger creation and how to update the information in Tamil
- Computational Linguistics



FDP on 'Problem Solving and Programming using Python'

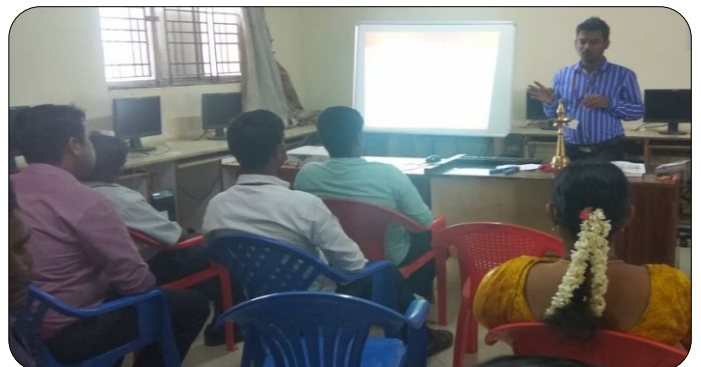
A two day Faculty Development Programme on 'Problem Solving and Programming using Python' was held on 28th & 29th June 2017.



SDP on 'Desktop Publishing Using Adobe Page Maker'

A one day Staff Development Programme for the supporting Staff was organized on the 'Desktop Publishing Using Adobe Page Maker' on 8th June 2017.

The FN Session was handled by Ms.K.Shyamala, Programmer/CSE and the AN session by Ms.S.Valli, Programmer.



SDP on 'Computer Hardware and Networking'

A one day Staff Development Programme on 'Computer Hardware and Networking' was held on 7th June 2017.

The FN Session was handled by Mr.R.Sivanandam, Programmer and the AN session by Mr.M.Nagarajan, Programmer.

Department of Electrical & Electronics Engineering

Conducted a two day Faculty Development Programme on the 'Electromagnetic Theory' on 24th & 25th April 2017. Mr.D.Maharajan, Assistant Professor, SRM University and Dr.Sabitha Gauni, Assistant Professor, SRM University were the Resource Persons.

Conducted a two day Faculty Development Programme on the 'Power System Analysis' on 27th & 28th April 2017.

National Seminar



Organized a one day National Seminar on the 'Emerging Technologies in Engineering [NSETE-2017]' on 1st April 2017 organized by the Dept of EEE, EIE & Mechanical. The inaugural address was delivered by the Chief Guest Mr. C. Pradeep, Deputy General Manager, Vehicle Integration Centre of Excellence, Mahindra & Mahindra Limited. Dr.D.Devaraj, Senior Professor, Kalasalingam University, Dr.K.Selvajyothi, Assistant Professor/Department of EEE, IITDM Kancheepuram, Dr.G.Venkatesan, NIOT, Scientist-E, National Institute of Ocean Technology and Dr.P.Somasundaram, Associate Professor, Dept of EEE, College of Engineering, Anna University, Chennai were the Resource Persons. ■

Dr.R.Jegatheesan, Professor, SRM University and Mr.P.Kanakaraj, Assistant Professor, SRM University were the Resource Persons.



FDP on 'Micro Electro Mechanical Systems'

Conducted a two day Faculty Development Programme on the 'Micro Electro Mechanical Systems' on 2nd & 3rd May 2017. Prof.L.Chitra, Associate Professor, AVIT and Dr.N.Pragadish, Associate Professor, KCG College of Technology were the Resource Persons.

Conducted a one day Staff Development Programme on the 'Hands on Training on Commissioning and Troubleshooting of Solar Panels' on 9th May 2017. Mr.S.Ganesamoorthy, Asst.Manager Solar Projects Green



SDP on 'Hands on Training on Commissioning and Troubleshooting of Solar Panels'

Pearl Electronics Pvt.Ltd, Kattankulathur was the Resource Person.

Faculties of EEE visited the industry at TVS Training & Services Pvt.Ltd., Ambattur on 12th May 2017.

Department of Electronics & Communication Engineering

The 'Indoor Vertical Farming with IOT Based Monitoring and Analysis of Crop Environmental & Soil Parameters' and 'Renewable and Non Renewable Resource Management' projects have been identified for mentorship to obtain Entrepreneurship Development cell activities 2017 on 01.04.2017.

Tech Mahindra Software Solutions conducted their Campus Recruitment on 29.03.2017 at New Seminar Hall, New building, VEC for the eligible 2017 batch students with a salary package of 3.5 lakh per annum. Eventually, 6 Students got placed in Tech Mahindra.

Rs.10,000/- was sanctioned for each of the following projects under the Project Scheme of TNSCST for the year 2016-17.

'Indoor Vertical Farming using LEDs and remote monitoring of Crop Environmental Parameters' done by Ms.S.Aishwarya, Ms.A.P.Akshayaraj, Ms.M.Deepika, Ms.V.Divya under the guidance of Dr.N.Ushabhanu Asso Prof.

'An efficient health tracking IoT powered by rectenna' done by Ms.V.Akshaya, Mr.A.K.Amrish, Ms.J.Arokia Princy, Mr.S.Athreya under the guidance of Ms.T.Sheriba, A.P.

The Faculty members went on an Industrial visit to the National Atmospheric Research Laboratory, Tirupathi, Andrapradesh on 12.05.2017 and got an exposure related to the 'Antenna and Wave Propagation & Radar types and its Applications'. Mr.T.Rajendra Prasad, Scientist/Engineer explained the activities of NARL and an overall view of the NARL laboratories.

In the International Conference on Modern Applications in Engineering and Technology - 2017 (IER-MAET'17), Ponmari Residency, Ooty, India, the following papers were presented on 03.04.2017.

1) 'An efficient landslide and forest fire monitoring IoT power by a renewable source of energy' by Akshaya V, Amrisha A K, Arokia Princy J, Athreya S.

2) 'The 'Device power consumption avoidance using image processing' by Ms.G.Kiruthika, Ms.R.Meenatchi, Mr.V.Mohan Raj, Mr.S.Pradeepa, Mr.M.A Seenivasan, A.P.

3) 'Smart parking information system exploiting visible light communication' by Ms.S.Deepika, Mr.Gopinath.N, Ms.M.Moumita Sharma.

4) 'A Prototype Child monitoring and motion detection using raspberry pi' by Mr.V.Karthikraj, Mr.S.Lenin, Ms.N.Preetha, Mr.A.Eswar.

Ms.R.Sandhiya and Dr.Komala James published a paper on the 'Smart Medical Care System for the Elderly People' in the International Journal of Trend in Research and Development, Volume 4, Issue 2 on April 2017.

i) Mr.N.Parthiban and Dr.J.Mohan published a paper in the following journals.

ii) The 'Visibility Restoration of Hazy Images using Colour Analysis and Depth Estimation with refined Transmission' in the International Conference on Electrical, Communication and Computing, Volume 4, Issue 2 on April 2017.

The 'Visibility Restoration of Hazy Images using Colour Analysis and Depth Estimation with Bi-orthogonal Wavelet Transform Technique' in the International Journal of Trend in Research and Development, Volume 4(3) on May-Jun 2017.

Ms.B.Shiny and Dr.C.Amali published a paper on the 'Clustering based Resource Allocation for OFDM based Cognitive Radio Networks' in the International Journal of Recent Scientific Research, Vol. 8, Issue 6, pp. 17469-17474, June, 2017.

Ms.M.Prethipa and Dr.N.Usha Bhanu published a paper on the 'VLSI Implementation of Lifting based 3D DWT' in the International Journal of Engineering Trends and Technology, Vol. 47, Issue 4, May 2017.

A Skill Development Programme on the 'Safety Measures in Laboratory' was conducted on 11th May 2017. Mr.A.Pandian, Asst Prof, Dept of ECE. Total of 16 supporting staff attended this event, coordinated by Mr.D.Murugesan, A.P.



SDP on 'Safety Measures in laboratory'

A Faculty Development Programme on 'Digital Communication' was conducted for our Faculty members on 06.06.2017 & 07.06.2017. Dr.Komala James, Prof. and Ms.N.Subhashini, A.P. presented lectures which was coordinated by T.V.Sudhir, A.P.



FDP on 'Digital Communication'

ECE Department conducted a Faculty Development Programme on the 'Electronic Circuit-I' for our Faculty members on 08.06.2017 & 09.06.2017. Mr.C.Saravana kumar Asst Prof and Mr.A.Anbarasan, Asst Prof engaged their sessions and was coordinated by M.A.Seenivasan, A.P.



FDP on 'Electronic Circuit - I'

Dept of ECE conducted a Faculty development Programme on 'RF and Microwave Engineering' on 27.06.2017 & 28.06.2017. Ms.R.Birundha, A.P., VEC and Ms.R.Janaki, A.P., Sri Sairam Institute of Technology delivered lectures which was organized by Mr.R.Dhananjeyan, A.P.



FDP on 'Microwave Engineering'



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Dr.C.Amali, A.P., Ms.N.Subhashini, A.P., and Mr.C.Saravanakumar Asst Prof attended a workshop on the 'Scope for R&D projects and proposal preparation' on 12.05.2017 at Anna University, Chennai.

Dr. Komala James, Professor delivered a lecture on 'Optical Networks' on 06.06.17 in the Anna University approved, a seven day Faculty development programme on 'Optical Communication and Networks' at Sri Sairam Engineering College, Chennai.

Mr.A.Pandian, A.P., Mr.C.Saravanakumar, A.P., Dr.N.Rajesh Asst Prof attended the 5 day Inplant Training Programme on 'PantechProEd Private Ltd' at T.Nagar, Chennai during 19.06.2017 to 23.06.2017.

Department of Electronics & Instrumentation Engineering



FDP on 'VLSI Design'

In association with ISA VMEC Student Charter a Faculty Development Programme on "EC6601- VLSI DESIGN" was conducted on 5th and 6th June 2017, where, Dr. G. Themozhi, Professor & Head of ECE Dept. of Tagore Engineering College and Mr.K.Ramesh, SRM Easwari Engineering College delivered their expert lectures.

The Faculty Development Programme was held at Valliammai Engineering College on 'Power Electronics' on 01.06.17 & 02.06.17 on association with ISA VEC Student Chapter

The Faculty Development Programme was held at Valliammai Engineering College on 'Electrical Measurements' on 29-05-17 & 30-05-17.

Ms.S.C.Prassanna A.P completed Ph.D. Public Viva-Voce Examination on 'Reconfigurable and Dedicated FIR Filters, Interpolators and Modulators for SDR' under the Faculty of Information and Communication Engineering, Anna University, Chennai on 14-06-17.

Mr.K.R.Ganesh, A.P and Mr.N.Sowrirajan, A.P attended the two day workshop on 'Optimization techniques using MATLAB' held on 16-06-17 & 17-06-17 at IFET College of Engineering, Villupuram.

Dr. K.Ayyar, A.P attended the seven day Faculty Development Programme on 'Power Electronics' held from



FDP on 'Power Electronics'

10.05.2017 to 16.05.2017 at University College of Engineering, Anna University, Kancheepuram.

Mr. R.Issan Raj, A.P attended the seven day Faculty Development Programme on 'Advanced Computer Architecture' held from 22.05.2017 to 28.05.2017 at Anna University, Guindy.

Dr.Andy Srinivasan, Professor, attended the seven day Faculty Development Programme on 'Linear Integrated Circuits and Applications' held from 17.05.2017 to 24.05.2017 at KCG College of Engineering, Chennai.

Dr.S.Visalakshi, Prof. and Head & Ms.R.Umamaheswari A.P attended the four day Faculty Development Programme on the 'Intellectual Property Rights' held from 03.05.2017 to 06.05.2017 at Anna University, Guindy.

Mr.P.Tamilmani, A.P attended a workshop on the 'Advanced Manufacturing process applied to Combat Vehicle' held on 23.06.17 at S.A Engineering College, Chennai.

Ms.M.Ramya Princess, A.P and Mr.C.Praveen Kumar, A.P attended the two day Faculty Development Programme on 'Robotics and Automation' held from 10.04.2017 to 11.04.2017 at St. Josephs College of Engineering, Chennai.

Ms.K.Rathnapriya, A.P and Dr.S.C.Prassanna A.P attended the six day Training Programme on the 'PLC, SCADA and HMI' held from 02.06.2017 to 07.06.2017 at Excel Automation, Chrompet.

Ms.V.Mangaiyarkarasi, A.P, Ms.S.Vanila, A.P, Ms.V.P.Sandhya, A.P, Ms.M.Ramzan Begum A.P attended the six day Training Programme on the 'Embedded System' held from 15.06.2017 to 20.06.2017 at Vee Technologies.

Ten Faculty members of the Department of EIE visited and observed the activities of TVS Training and Services Ltd, Ambattur, Chennai on 12.06.2017.

Ms.K.S. Jaibhavani, A.P and B.Hannuja M.E., II Year published a paper on the 'Design of Multi Loop PID Controller for MIMO System' in the International Journal for Research & Development in Technology, Volume 7, Issue 4, and ISSN: 2349-3585, April 2017.

Nine Faculty members of the Department of EIE visited and observed the activities of Pilot Balloon Observatory, Indian Meteorological Department, Menambakkam and Chennai on 07.06.2017.



Industrial Visit to Pilot Ballon Observatory, Indian Meteorological Department

Dr.Andy Srinivasan, Professor presented a paper on 'A Single Phase Asymmetrical Multilevel Inverter with Reduced Harmonics By using 63 Level Inverter' in the International Conference on the 'Recent Innovations in Engineering Technology, Management and Applications' held at Priyadarshini Engineering College, Vaniyambadi on 7th and 8th April 2017.

Mr. I.Andrew Xavier Raj, A.P, M.Ajith, T.Balaji, R.Denesh and P.Chithambaram of IV year presented a paper on the 'Measurement In HVAC Ducts' in the National Conference on the 'Green Energy Technologies Energy Management Instrumentation' held at MNM Jain College on 28th and 29th April.

Staff Development Training Program on the 'Alternative Energy Sources and Energy conservation on 17.05.2017 was organized by Mr.K.R.Ganesh, A.P and Mr.B.Parameswaran, A.P.

Department of Information Technology

A one day Industrial Visit to 'Jasmin Infotech Ltd., Chennai' was organized on 22nd June 2017 for the Staff members.

The following two day FDPs and one day SDTP were conducted.

(i.) An FDP on the 'Data Warehousing and Data Mining' on May 8th and 9th, 2017. (ii.) An FDP on the 'Computer Networks' on May 4th and 5th, 2017. (iii.) An FDP on the 'Programming and Data Structures-II' on May 2nd and 3rd 2017. (iv.) A one day SDTP on the 'Adobe Photoshop' on May 4th, 2017.

For all the above programs, the sessions were handled by our internal Staff.

Mr.S.Ravikumar, A.P, published two papers on 'A Gesture Based digital Art with Colour Coherence Vector Algorithm' and 'Automated Security Surveillance System in Real Time World' in the International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-www.irjet.net p-ISSN: 2395-0072.

Ms.S.Shenbagavadivu, A.P, participated in a one day workshop on the 'Effective Ways of Writing a Research Grant Proposal' conducted on 17th June 2017, by the Dept of



FDP on 'Programming and Data Structures-II'

Petroleum Engineering, Dhaanish Ahmed College of Engineering, Chennai.

Ms.R.Shanthi, A.P, participated in a seven day workshop on the 'Grid and Cloud Computing' conducted from 8th June 2017 to 16th June, 2017 by the Dept of IT, VEC.



SDTP on 'Adobe Photoshop'

Ms.R.Shanthi, A.P, participated in a two day workshop on the 'Data Warehousing and Data Mining' conducted on 8th and 9th May, 2017 by the Dept of IT, Sri Sairam Institute of Technology, Chennai.

Mr.K.Ravindran, A.P, Mr.K.Elaiyaraja, A.P and Ms.R.Saranya, A.P, participated in a two day FDP on the 'Computer Networks' conducted on 4th and 5th May, 2017 by the Dept of IT, VEC.

Mr.K.Ravindran, A.P, Mr.K.Elaiyaraja, A.P, Mr.M.Kavinkumar, A.P, Ms.R.Saranya, A.P and Ms.R.Shanthi, A.P participated in a two day FDP on the 'Programming and Data Structures' conducted on 2nd and 3rd May 2017, by the Dept of IT, VEC.

Department of Mechanical Engineering

A Faculty Development Programme on the 'Strength of Materials' was conducted on 27.04.2017 and 28.04.2017.

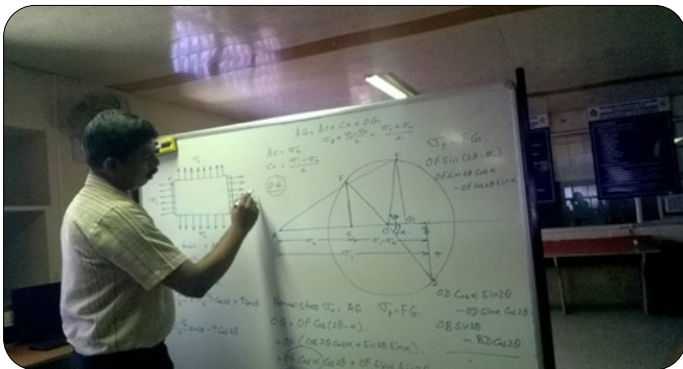
A two day Faculty Development Programme on the 'Design of Machine Elements' was conducted on 2nd and 3rd May 2017.

SAE Workshop



A Workshop of SAE Aero Design Challenge 2017 was conducted in our College on 4th & 5th February 2017. Totally 25 teams registered with 101 participants from various engineering Institutions across India. The program was inaugurated on 4th February 2017 in the Seminar Hall with the delegates from SAEINDIA. Later, the training sessions were conducted by the official trainers of the SAEINDIA. Then, the participants moved on to the open ground, in front of the TP Ganesan Auditorium, for flying the prepared UAV aero models.

Our College was honored with a memento by the SAEINDIA on 8th June 2017 in Anna University, Chennai for hosting 'Aero Design Challenge 2017 workshop'. Dr.G.Satheesh Reddy, Scientist Advisor Raksha Mantri, DRDO, Ministry of Defense, New Delhi, the Chief Guest presented a Memento to our College for hosting the above workshop. Dr. B. GnanasundaraJayaraja, Professor and Head, Dept. of Mechanical Engineering and Mr.S.Pungaiya, Assistant Professor, SAE Coordinator, Dept. Of Mechanical Engineering received the memento. ■



FDP on 'Strength of Materials'

A one day Skill Development Training Programme on the 'Workshop Technology' was conducted for the Programmers / Lab Assistants of other Departments on 10th May 2017.



FDP on 'Design of Machine Elements'

Industrial visit of Mechanical Engineering Department Staff members to SINTEX BAPL Limited was undertaken on 12.05.2017.



Industrial Visit to Sintex BAPL Ltd

Department of Management Studies

An Industrial visit to 'Mercury Industries Private Limited', MEPZ-Sanatorium was arranged for the Faculty members on 11.05.2017.

The Dept. of Management Studies, conducted a Faculty Development Program on 02.05.2017. Dr.K.Sentamilselvan, handled the session on 'Green Marketing'.

The Dept. of Management Studies, conducted a Faculty Development Program on 27.04.2017. Mr. J. Anand handled the session on 'Learning Management through Movies'.

An Industrial visit to 'Eleven Lever Industries', Pallavaram was arranged for the Faculty members on 24.04.2017.

An industrial visit to AVA Cholayil Health Care Pvt.Ltd, Chennai was arranged for the First Year MBA Students on 05.04.2017.

An industrial visit to Chennai Port Trust was arranged for the First Year MBA Students on 06.04.2017.

Department of Computer Applications



Industrial Visit to Kriya Tech. Systems Inc., Chennai

The Faculty members Dr.A.Abdul Rasheed, Mr.S.K.Saravanan, Mr.R.Prince Jeyaseelan James, Mr.M.Asan Nainar, Ms.G.Dharanidevi, Ms.D.Sridevi from the Dept of Computer Applications, Ms.S.Shenbagavadivu and Ms.R.Shanthi of the Dept of Information Technology



FDP on 'Internet Programming'

went on an industrial visit to the 'Kriya Tech. Systems Inc.,' Chennai on 06.05.2017.

Ms. D. Sridevi, A.P. organized and conducted a two day Faculty Development Program on the 'Internet Programming' during 08.05.2017 and 09.05.2017. Mr. M. Asan Nainar, A.P, Mr.R.Prince Jeyaseelan James, A.P and Ms.D.Sridevi, A.P were the Resource Persons.



SDTP on 'PHP Programming'

National Seminar



A one day National Seminar on the 'Big Data Analytics and Data Sciences-2017' (NSBDADS'17) was organized by the Dept of Computer Applications and Dept of Information Technology in association with VEC-CSI Students Chapter, ICT Academy of Tamilnadu (ICTACT) and National Cyber Security and Safety Standards on 5th April 2017. The Chief Guest of the function was Mr.Ajith J Paulian, Vice President, Accenture Services Pvt Ltd, Chennai.

Mr.K.T.Baskaran, CEO, Kriya Tec Systems Inc., delivered a lecture on the 'Big Data and its Challenges' to the participants, during the first session. The second session was presented by Ms. Janani Jayaraman, Senior Software Engineer, CISCO, Chennai on Data Sciences. The participants got hands-on experience about how to handle big data and data sciences through the National Seminar.

Mr.M.Asan Nainar, A.P organized and conducted a one day Staff Development Training Program on the 'PHP Programming' for the Non-Teaching Staff of the College on 10.05.2017.

Department of Physics

Dr.M.Anbuezhayan, Associate Professor, published a research paper on the 'Synthesis and Characterization of - glycine a nonlinear optical single crystal for optoelectronic and photonic applications' in Materials Science-Poland, 35(1), 2017, pp. 140-150.

Ms.S.Gandhimathi and Dr. H. Krishnan published a research paper on the 'High Performance SPEEK/SWCNT/FLY ASH Polymer Electrolyte Nanocomposite Membranes for Fuel Cell Application' in Polymer Journal - Nature group (Article in Press).

Dr.H.Krishnan, Dr.M.Anbuezhayan and Dr.K.Thirupathi completed the NPTEL online course on the 'Fundamentals of Electronic Materials and Devices.'



Congratulations!

Following departments are accredited by NBA for a period of 'Three Years' based on the visit of the 'Expert Team' during 14th - 16th April 2017.

- Mechanical Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering



Department of Mathematics

Anand Ephremnath.A completed his Anna University Ph.D Viva Voce Examination on 'A Study of Graph Labeling on Cycle Related Graphs' on 08.05.17 at VEC under the supervision of Prof. Dr.A.Elumalai.

Dr.T.Isaiyarasi,AP(SI.G) presented a paper on 'A New authenticated key agreement Protocol using Factorization search problem in Discrete Heisenberggroup' in the

International Conference on Contemporary Approaches in Mathematics and Emerging Engineering Trends on 04.05.2017& 05.05.2017 organized by the Dept of Mathematics, Arupadai Veedu Institute of Technology Paiyanoor, Chennai.

Dr.V.Vijayalakshmi, AP(SI.G) published a paper on 'Solving FFLSE with Circulant Hexagonal Fuzzy Number Matrices by LU Decomposition Method' in the International Journal of Pure and Applied Mathematics (Annexure 2), Volume 113, No.10, PP-317-325, May 2017.



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Department of Chemistry

Dr.N.Jayaprakash presented a paper on the 'Synthesis, characterization and antibacterial activity of silver nanorods' in the 14th International Conference on Science, Engineering and Technology, held during 02-03, May 2017 organized by VIT, Vellore.

Dr.N.Jayaprakash has been recognized as the Ph.D research supervisor by the Anna University, Chennai.

Dr.L.Devaraj Stephen and Dr.N.Jayaprakash attended a workshop on the 'Scope for R&D and Proposal Preparation' at the Centre for Technology Development & Transfer, Anna University, Chennai held on 12th May 2017.

In an International Conference on Energy, Environment and Advanced Materials for a Sustainable Future (ICEEAMSF-2017) organized at Kongu Engineering College during 23-24 May '17, the Staff noted below presented papers.

1. Dr.L.Devaraj Stephen - 'Photoinduced Activation of Co(III)(pn)₂Cl (L)₂+ on aqueous TiO₂ suspensions under visible-light illumination in binary solvent mixtures'.

2. Mr.V.Arivalagan - 'Phenyl pendant core imine based CNT reinforced polybenzoxazine nanocomposites for thermal and optical applications'.

3. Dr.N.Jayaprakash - 'Dry ginger assisted synthesis, characterization and antibacterial activity of silver nanocomposites: A microwave approach'.

4. Dr.S.G.Gunasekaran - 'Design and development of skeletal modified pyrenyl pendant core polybenzoxazine silica nanocomposites'.

5. Dr.J.Krishnamurthi - 'Catalytic enantioselective cycloaddition reaction catalyzing chiral Rh(II) catalyst'.

6. Dr. M. Soundarajan - 'Kinetic study for the biosorption of chromium toxic metal from water'.

Dr.J.Krishnamurthi participated in the three day workshop on 'INUP Familiarization workshop on nanofabrication Technologies' held at IIT-Mumbai, during 22-25 May 2017.

Dr.L.Devaraj Stephen attended a workshop on 'Self-Awareness & Higher Goals in Education' at the Centre for Continuing Education, IIT Madras, Chennai, during 29th May -02nd June 2017.

NSS

Tamilnadu NSS Team, Ministry of Youth Affairs and Sports, Directorate of Collegiate Education organized a Personality Development Programme for Students on 05.05.2017 at Amma Thidal near Madurai Ring road, Madurai from 8.00am to 10.00pm. It was staged in the presence of the Hon'ble Chief Minister Mr. K. Edapaadi Palaniswamy. Around 10000 Students from 72 Colleges of various Universities / Members of Directorate of School Education participated in the camp. The second half of the programme was to exhibit the talents on Tamil traditional Cultural Events by the Students. Totally 72 Colleges

showcased their talents. 21 Students from Valliammai Engineering College performed a Mime play on the 'Crime against women', 'Unity in sharing the Water Resources and Promoting Agriculture'. Motivational prize was received by the NSS Volunteers from the Hon'ble Minister for Revenue and Disaster Management, R. B. Udhayakumar, in the presence of other Ministers and Dignitaries. A special prize was awarded to the NSS Programme Officer Mr.S.Parthasarathy for taking part in the Programme.

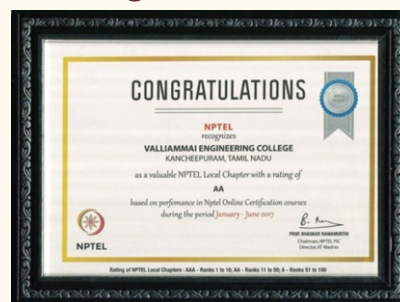
International Yoga Day



The NSS team in association with the Student Affairs Cell of Valliammai Engineering College organized the 'International Yoga Day' on 21.06.2017 in Valliammai Engineering College. The event started with the welcome speech delivered by Dr.M.Senthil Kumar with a few points on the importance of yoga. Then Prof.N.Lakshmana Perumal, First Year Chief Coordinator enlightened by sharing his daily yoga practice and the benefits.

Ms.V.Asivini, I year B.E-Civil-1 delivered a speech on the general yoga & International Yoga Day. Ms.K.Devika, I year B.E-Civil-1 spoke on pranayama and its benefits. Then Mr. R.Dinesh Kumar, I year B.E-Mech-1 demonstrated Janusirsana and Vajrasana. Mr.G.Harikumar, I year B.E-CSE-1 demonstrated Chakrasana and Sarvangasana. Finally, Mr.S.Parthasarathy, N.S.S. Programme Officer proposed a vote of thanks. ■

Congratulations!



The NPTEL recognizes our College as a Valuable NPTEL Local Chapter with a rating of 'AA' based on performance in NPTEL online certification courses during the period January-June 2017.

Department of Placement & Career Guidance

Orientation classes were conducted for the 1st year & 3rd year students on April 2017.

Placement Summer Training Classes were held for all the Final year students from 01.06.17 to 12.06.17 and 26.06.17 to 30.06.17.

On behalf of our College, Mrs.J.J.Monica Paul, Head-Placement attended the 'Training and Placement Officers' Meet' organized by the Accenture, held on 8th & 9th June 2017 at Bangalore.

Tamil Mandram



Paarivendhar Students' Tamil Association & the Dept of Computer Science and Engineering, Valliammai Engineering College organized a one day Faculty Development Programme on 'Tamil Computing' on 12-06-17. The FDP was inaugurated by Mrs.G.Sangeetha, Asst.Prof(Sel.G) and Mr.K.Shanmugam, the Coordinator AP/CSE delivered the welcome address. The Resource Person was Mr.S.Rajaraman, Technology Analyst, Infosys. The experts highlighted the importance and objectives of organizing this FDP. They also added that it would provide special benefits to the Faculties who would do research in the Tamil areas.

The topics covered in the FDP were

- n Fundamentals of Tamil Computing
- n Tamil computing tools
- n Tamil softwares and applications
- n Website creation in Tamil
- n Blogger creation and how to update the information in Tamil
- n Computational Linguistics.

IQAC



The Internal Quality Assurance Cell (IQAC) conducted its Board Meeting on 30.06.2017 during the Academic year 2016-17. Theme: Improve the Quality of Education to make our Institution a 'Centre of Excellence'.

Entrepreneurship Development Cell



VEC Entrepreneurship Development Cell conducted a Poster Competition on the theme "Technology & Entrepreneurship" during the Academic Year 2016-17
Prize Winner : Mr. D. Prasath, IV Year IT (II Prize)

Hearty Congratulations!



Mr. R. Anbuchezyen, II Year MBA won 2nd Place in 5 km Marathon organized by Devasitham Charitable Foundation (DCF), CPLD on 02.04.2017.

EDITORIAL

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