



SRM Valliammai Engineering College

(An Autonomous Institution)

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VEC NEWS

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April - June 2019

[Quarterly]

Tamil Mandram

'Valai Vasal Varuga' the technical book written in Tamil by Dr.B.Chidhambara Rajan, Principal and Mr. K. Shanmugam, Asst. Prof of Dept of Computer Science and Engineering of Valliammai Engineering College was released by Dr.T.P.Ganesan, Director, SRM Valliammai Engineering College on 28.03.2019 and was acknowledged by Mr.Ravi Pachamoothoo, Chairman, SRM Group of Institutions on



02.05.2019. On this occasion, Dr.J.ChandraKumar, Director (Administration), SRM Group of Institutions, Dr. M. Murugan, the Vice Principal were also present.

On 28.03.2019, the quarterly bulletin 'Poriyari' was released under the auspices of SRM Valliammai Engineering College and Paarivendhar Students' Tamil Association by Dr.T.P.Ganesan, Director, SRM Valliammai Engineering College,acknowledged by Mr.Ravi Pachamoothoo,Chairman, SRM Group of Institutions and was received by

Dr.B.Chidhambara Rajan, the Principal, Valliammai Engineering College. On this occasion, Dr.J.ChandraKumar, Director (Administration), SRM Group of Institutions, Dr. M. Murugan, the Vice Principal were also present.

Paarivendhar Manavar Tamil Mandram of Valliammai Engineering College conducted a Pattumandram for the Staff on the topic 'Are the students perfected by the old or new film songs?' on 13.06.2019. The function was presided over by our Principal Dr.B.Chidhambara Rajan.

Dr.Komala James, Professor & Head/ ECE, SRM Valliammai Engineering College acted as the judge for this debate. Mr. R.Issan Raj, AP/EIE, Dr.T.Isaiarasi, AP/Maths and Mr.K.Shanmugam, AP/CSE defended the topic old film songs, while Dr.D.Sridevi,AP/GE, Ms.S.Shanthi,AP/CSE and Mr.S.Raja, AP/MBA defended the topic new film songs. This event was organized by Mr.K.Shanmugam, AP/CSE Coordinator of Tamil Mandram.

In the event of Padithathil Pidithathu on Peppers TV, the writer,poet and short film director Mr. Isaac shared the information about the book titled 'Valai Vasal Varuga' written by our Principal Dr.B.Chidhambara Rajan and Mr.K.Shanmugam AP/CSE.

K.Sankar Babu, Dept of ECE First year, participated in the Speech Competition organized by the Manavar Kambam Kalagam in association with SRM Paarivendhar Manavar Tamil Mandram on 26.06.2019.





Chennai Christian College conducted a State Level Speech competition for college students on 05.04.19 and K.Sankar Babu, Dept of ECE First year, won the second prize in the Speech Competition and received a cash Prize of Rs.3,000/-.

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 of the students. A speech competition was conducted on 27.06.2019.

Department of Civil Engineering

Pragadeeshwaran.B, PG Student and Sattainathan Sharma.A, Assistant Professor published the following papers.

i. 'The Future of Nanotechnology in Structures'in the International Journal of Engineering Science and Computing, Volume: 09, Issue: 04, April 2019.

ii. 'A Study on Mechanical and Durability Performances of Nano Modified Concrete' in the International Journal of Engineering Science and Computing, Volume: 09, Issue: 04, April 2019.

Varsha.K, Vasanth Kumar.S ,Vignesh.R, final year UG students and Sattainathan Sharma.A, Assistant Professor published a paper on the 'Analytical Study of Vehicle Assembly Building (VAB) for Space Propulsion Systems' in the International Journal of Engineering Science and Computing, Volume: 09, Issue: 05, May 2019.

Shanmathi.S, PG Student and Dr.A.Leema Rose, Associate Professor, published a paper on the 'Performance Evaluation of Post-Tensioned Concrete Beams with Bonded System' in the International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-7 May, 2019.

The Department of Civil Engineering in association with the Institution of Engineers(I) organized a five day Faculty Development Programme (FDP) on 'Fluid Mechanics' from 23.05.2019 to 29.05.2019. Totally, 25 Faculty members from Valliammai Engineering College and various engineering colleges participated in the Faculty Development Programme.

Dr. R. Saravanan, Associate Professor, Anna University, Chennai inaugurated the programme and the first session was handled by him on 'Fluid Properties and its Behaviour'.

Mr.T.R.Karthick, Assistant Professor/Civil, Sri Sairam Institute of Technology spoke on 'Fluid Kinetics and Fluid Dynamics'.

Mr.M.Moganraj, Assistant Professor/Civil, Valliammai Engineering College delivered a lecture on the 'Fluid Statics, Forces on plane, Buoyancy and Floation'.

Ms.R.Thenmozhi, Assistant Professor/Civil, Valliammai Engineering College delivered a lecture on the 'Equation of Motion, Linear momentum equation and its application to pipe bends'.

Mr.J.Arunraj Christadoss, Assistant Professor/Civil, Valliammai Engineering College delivered a lecture on the 'Fundamental dimensions, dimensional homogeneity' and also handled the lab session in which he explained all the experiments.

Mr.S.S.Manu, Assistant Professor/Civil, Valliammai Engineering College delivered a lecture on the 'Flow through pipes'.

Mr.G.Vaithiyanathan, Assistant Professor/Civil, Valliammai Engineering College delivered a lecture on the 'Boundary Layers'.

A Quarterly meeting of IE (I)-Kanchipuram Local Chapter was held at our premises on 30.05.2019, which was presided by IE(I) KLC Chairman Dr.K.Palani Kumar, Principal, Sairam Institute of Technology and other office bearers.



Quarterly meeting of IE(I) Kanchipuram Local Chapter

Survey camp for the third year students was conducted during 03.06.2019 to 15.06.2019.

The Dept. of Civil Engineering in association with the Institution of Engineers(India), SRM VEC-Student Chapter Kancheepuram Local Chapter celebrated the 'World Environment Day 2019' on 07.06.19 with the theme of air pollution. Dr.S.V.Srinivasan, Principal Scientist, Environmental Technology Division, CSIR-Central Leather Research Institute, Chennai, was the Chief Guest and delivered a lecture on 'Air Pollution, its causes and prevention worldwide'.



World Environment Day Celebration - 2019

Dr.S.V.Srinivasan, Principal Scientist, Environmental Technology Division, CSIR-Central Leather Research Institute, Chennai delivered a lecture on 'Air Pollution'.

Mr.A.Sattainathan Sharma, Asst. Prof., attended the AICTE Sponsored Short Term Training Program on the



Lecture on 'Air Pollution'

'Computer Aided Design and Analysis of Structures using Finite Element Method Concepts in Structural Engineering' organized by the Dept. of Civil Engg from 17.06.2019 to 22.06.2019 at Eashwari Engg College.

Dr.S.Gunaselvi, Asst. Prof., Dept. of Civil Engg received 'Young Scientist Award' for her exceptional contribution, dedication & social service.



Dr.S.Gunaselvi, Asst. Prof., Dept. of Civil Engg receiving 'Young Scientist Award'

Ajay Kumar.S, Ananth.K, Balaji.V, Kaaviyan.L.M, Dinesh Kumar.S, third year students attended a workshop on the 'Building Design Workflow' organized by the Institute of Industrial Design, Mylapore on 29.06.2019.

Pragadeeshwaran.B, PG Student and Sattainathan Sharma.A, Asst. Prof., Dept. of Civil Engg published a paper on the 'Influence of Nano Silica as Additive in Concrete' in the International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8: Issue-8, June 2019. (Scopus Indexed).

Sadhana.U, ShobanPrabhu.S, Solomon Sachin Samson.A, Supriya.S, final year UG students and Sattainathan Sharma.A, Asst. Prof., Dept. of Civil Engg published a paper on the 'Dynamic analysis and Design of Jacket Towers in Offshore Structures' in the International Journal of General Engineering and Technology (IJGET) Vol. 8, Issue 4, Jun - Jul 2019; 1-14, June 2019.

Department of Computer Science & Engineering

Dr. M. Senthil Kumar/Asso.Prof., published the following papers.

i.'Big Data Privacy and Security Challenges in Industries' in the International Research Journal of Engineering and Technology (IRJET) Volume: 06 Issue: 04, ISSN: 2395-0056, Apr 2019.

ii. 'Evolution of Green Computing and its significance in IT Sectors' in the International Journal of Latest Engineering and Management Research (IJLEMR) Volume 4, Issue 5, ISSN: 2455-4847, May 2019.

iii. 'Integration of Spatial and Transform Domain Technique for the Multimodal Medical Image Fusion' in the International Journal of Engineering and Advanced Technology (IJEAT) Vol.8, Issue-3S, ISSN: 2249-8958, 2019.

Iv. 'Enhanced Total Variation Model Image Fusion using Hybrid Filters and Adaptive Median Method' in the International Journal of Engineering and Advanced Technology (IJEAT), Volume-8, Issue-3S, ISSN: 2249 8958, 2019.

Dr.L.Karthikeyan/AP., and Dr.M.Senthil Kumar/Asso.Prof., published a paper on 'A Systematic Comparison Analysis on Simulators in Vehicular Adhoc Network' in the International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 - 8958, Volume-8, Issue-3, 2019.

Ms.C.Pabitha/AP., and Dr.B.Vanathi,Prof., published a paper on the 'Smart Farming and Machine Learning Techniques' in the Suraj Punj Journal for Multidisciplinary Research (SPJMR) Volume 9, Issue 6, ISSN NO: 2394-2886, June 2019.

Ms.K.Revathi/JRF and Dr.A.Samydurai/Asso.Prof., published a paper on 'Health Trackers in Current Market: A Systematic Review, Trends and Challenges' in the IEEE, 5th International Conference on Advanced Computing & Communication Systems (ICACCS), 2019, doi: 10.1109/ICACCS.2019.8728461

Dr.A.Samydurai/Asso.Prof., participated in a Workshop on 'Public Financial Management System' (PFMS) organized by the Department of Physics at Easwari Engineering College on 29th to 30th April 2019.

Dr.V.Dhanakoti/Asso.Prof, published a book titled 'Python as per Anna University syllabus for the I Year Students' Regulation 2017.

A one day Workshop was conducted on 'Internet Programming' on 24th June 2019. The Resource Person was Dr.V.Neelanarayanan, Professor, CSE Department, VIT University, Chennai.



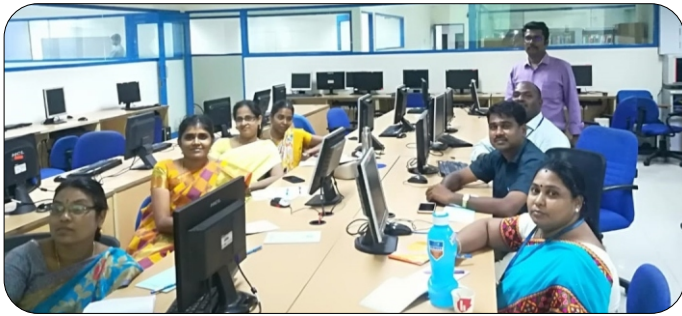
Workshop on 'Internet Programming'

A five day Faculty Development Programme was conducted on 'Mathematical Computation in Computer Science' from 24th to 30th May 2019.



FDP on 'Mathematical Computation in Computer Science'

A two day short Internship Programme on 'Cloud Computing' was organized for the staff members by the Center of Excellence in Cloud Computing at C-DAC on 6th and 7th June 2019.



Internship Programme on 'Cloud Computing'

An Industrial Visit to 'Dream Stealers Studio' was organized on 12.06.2019 for the Staff members.



Industrial Visit to 'Dream Stealers Studio'

One day Staff Development Training Programme on 'Adobe InDesign' was organized on 12.06.2019. The Resource Persons were Mr.M.Nagarajan/Programmer and Ms.S.Valli/Programmer.



Staff Development Training Programme on 'Adobe InDesign'

A Motivational Talk was organized on 19-06-19 for the second year & third year CSE students. The Resource Person was Dr. S. Sivakumar, Psychologist, NLP Practitioner & Principal, Mahasakthi College of Mesmerism & Hypnotism and Research Institute. The expert highlighted the important features like attitude, career guidance, mesmerism and hypnotism methods.



Motivational Talk

Department of Electrical & Electronics Engineering

The Teaching Staff went on an industrial visit to Vimal Nonferrous Casting, Thirumudivakkam, Chennai on 16th April 2019.



Teaching Staff Industrial Visit to Vimal Nonferrous Casting, Chennai

Conducted a one day Staff Development Programme on the 'Erection of Solar Power Plant' on 30th April 2019. Ms.S.Muthulakshmi, M.E, M.B.A, Technical Director, Labtech Electronics Pvt. Ltd was the Resource Person.



SDP on the 'Erection of Solar Power Plant'

Conducted a six day Faculty Development Programme on 'Electrical Machines-I' from 6th to 11th May 2019. Dr.G.Srinivasan, Asso Professor, Head of the Dept-S&H, Tagore Engineering College was the Resource Person for the first day. Mr.V.Sudhagar, Asst Professor, Mr.S.Balaji, Asst Professor and Dr.R.Arivalahan, Asso Professor, Dept of EEE were the Resource Persons for the next two days. Mr.P.Raja Kumar, Asso Professor, Dept of EEE, Sri Sairam Engineering College and Ms.S.Sivarajeswari, Asst Professor Dept of EEE, Sri Sairam Institute of Technology, handled the sessions on 9th and 10th May 2019. On 11th May 2019, the Faculty members went on an industrial visit to M&H Progressive Skills Pvt. Ltd, PK18 - Phase V, Guindy Industrial Estate, Ekkattuthangal, Chennai.



FDP on 'Electrical Machines-I'

EDITORIAL

The Chief Editor : **Dr. B. Chidhambara Rajan**, Principal, VEC

Editors : **Dr. M. Murugan**, Vice Principal, VEC

Prof. N. Lakshmana Perumal, Head, Dept. of English

Ms. M.S. Shyamala, Asst. Prof.(O.G), Dept. of English

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

Department of Electronics & Communication Engineering

Dr.Komala James, Prof attended a Technical Talk on the 'Datalake Security' on 05.04.2019. The session was engaged by Mr. M. Senthil Kumar, Project Director & IT Enabled Service Specialist and Dr. Elizabeth Verghese, Chancellor, HITS, organized by the Computer Society of India, Kancheepuram Chapter.

Ms. N. Subhashini, AP presented an Open Seminar for the submission of her Ph.D. Synopsis on 'Maximization of Network Capacity in Self Configurable Wireless Sensor Networks' on 11.04.2019 under the supervision of Dr.M.Murugan Prof, Vice Principal.

The 'Students Best Project 2019' awards were distributed to the students on 22.04.2019 as part of the Project Expo 2019.



Students receiving 'Students Best Project 2019 award as part of the Project Expo 2019

Dr. S. Ramesh, Asso Prof, Mr. M. Selvaraj, AP and Mr.R.Dhananjeyan, AP went on an Industrial Visit to 'Vi Micro Systems Pvt. Ltd', Perungudi, Chennai arranged by the E&I Dept. to get an exposure to the latest technology in electronics on 03.05.2019.



Faculty Industrial Visit to 'Vi Micro Systems Pvt. Ltd', Perungudi, Chennai

Mrs. M. I. Anju, Research Scholar presented an Open Seminar for the confirmation of her Ph.D programme on the 'Design and implementation of reconfigurable waveform generator using scale free CORDIC' on 03.05.2019 under the supervision of Dr. J. Mohan, Asso Prof.



Mrs.M.I.Anju, Research Scholar's Open Seminar for the confirmation of Ph.D programme

Computer Society of India-VEC Student Branch & Centre of Excellence for the Internet of Things

IoT Boot Camp - 2K19



IoT Boot Camp - 2K19

The VEC CSI Student Branch in association with the Computer Society of India Kancheepuram Chapter organized a 'Six Day IoT Boot Camp' from 23rd May to 29th May 2019. The major objective of organising this Boot Camp was to provide a platform for the students and unleash the potential of the students by Hands on Sessions. Dr.M.Senthil Kumar, Associate Professor, CSE welcomed the trainer Mr. Balachandran of Respro Labs. The trainers explained the Basics of IoT components and their benefits. Many real time scenario were discussed in detail. He highlighted the need for IoT in the fast developing world of technology and also spoke about the sensors and their usages.



Industrial visit to Delta Control Systems and Chennai Engineers

As part of the Camp, students went on an Industrial visit to Delta Control Systems and Chennai Engineers, Ambattur to study the real time scenario in the automation industries. Totally, 56 students and 10 Faculty members were benefitted.

The event was coordinated by Dr. M. Senthil Kumar, Associate Professor of CSE, Dr. S. Ravikumar, Assistant Professor, IT and Mr. V. SanthanaMarichamy, Assistant Professor, MCA.



Faculty Industrial visit to 'Green Pearl Electronics Pvt., Ltd'

The Faculty members of ECE, EEE & EIE went on an Industrial visit to 'Green Pearl Electronics Pvt., Ltd' Potheri, Chennai on 07.06.2019. They got an exposure to the assembling of electrical & electronics equipments such as

LED lamp, PCB board and so on. Mr. N. Senthil Kumar, Marketing Head and his team members explained their production and services.

Mr. S. Marirajan, AP delivered a technical speech on the 'Electronic Devices & VLSI' in the five day Faculty Development Programme conducted by E&I Dept. during 06.05.2019-10.05.2019.

Dr.N.Usha Bhanu, Prof., Dr.J.Mohan, Asso. Prof., Mr.C.Saravana Kumar, Ms.N.Shubhashini, Mr.A.Pandian AP(s) went on an Industrial Visit to 'Image Education Pvt. Ltd', Chennai arranged by the Dept of IT to update them to the current technology on the visual effects on 2D & 3D Image Processing.

Mr. R. Dhananjeyan, Asst Prof published a book titled 'Signals and Systems' for the second year ECE students in the Charulatha Publications, Chennai during the academic year 2018-19.

Dr. Komala James, Prof acted as a Jury in the event of 'Paattumandram' for the Teaching Faculty on 'Which songs perfect the students - Old or New songs' conducted on 13.06.2019 organized by the SRM VEC Parivendar Maanavar Tamil Mandram.

Mr. G. Sankar Babu, Second year student was invited as a Guest to deliver a Tamil speech on 'Kalvi Vazhilthorum Kanni Tamizh' at SRM Institute of Science & Technology, Chennai on 26.06.2019 organized by the Manavar Kambar Kazhagam, Chrompet, Chennai.

Dr. B. Chidambara Rajan, Prof & Principal published papers in the following journals.

i. The 'Evolution of Green Computing and its significance in IT Sectors' in the International Journal of Latest Engineering and Management Research, Vol.4, Issue 05, May 2019.

ii. The 'Big Data Privacy and Security Challenges in Industries' in the International Research Journal of Engineering and Technology, Vol.6, Issue 04, April 2019.

In the International Journal of Engineering and Advanced Technology, Vol.8, Issue 3S, February 2019 the following papers were published by Dr. B. Chidambara Rajan, Prof & Principal, SRM VEC.

i. The 'Influence of High Performance Routing Protocols in Wireless Sensor Networks'.

ii. The 'Enhanced Total Variation Model Image Fusion using Hybrid Filters and Adaptive Median Method'.

iii. The 'Integration of Spatial and Transform Domain Techniques for the Multimodal Medical Image Fusion'.

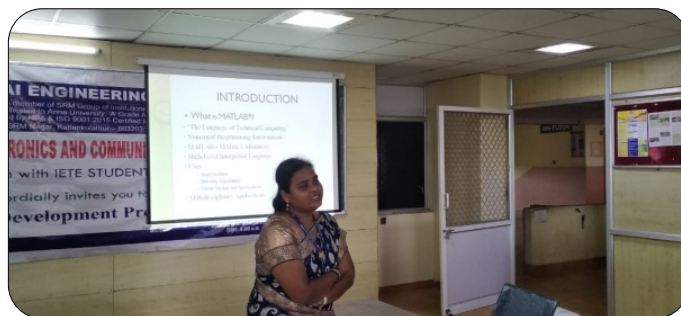
Mrs. S. R. Preethi, AP and Dr. M. Murugan, Prof published a paper on the 'Design, Implementation and Power Analysis of Pervasive Adaptive Resourceful Smart Lighting and Alerting Devices in Developing Countries Supporting Incandescent and LED Light Bulbs' in the Journal of Multidisciplinary Digital Publishing Institute, Sensors, Volume 19, Issue 9, 30 April 2019.

A Six day Faculty Development Programme was conducted on the 'Digital and RF Communication' for our Faculty members during 08.05.2019-14.05.2019. The External Speakers Mr. K. Kannadasan, AP & Mr. P. Sakthi Shanmuga Sundaram, AP, PERI Institute of Technology, Chennai as well as Mr. T.V.Sudhir, AP & Mr.A.Pandian, AP, SRMVEC Staff delivered lectures on different aspects.



Faculty Development Programme on the 'Digital and RF Communication'

A Skill Development Programme was conducted on the 'MATLAB and its Applications in Engineering' on 15th May 2019. Ms. M. Devi, Software Developer and Trainer, VEI Technologies, Chennai delivered the basic skills and their applications related to the MATLAB Programming. Almost, 12 Intra Dept staff members attended the Programme and got an exposure on the MATLAB Tool.



Skill Development Programme on the 'MATLAB and its Applications in Engineering'

'Motivational Talks' were conducted as part of the Bridge Course on 19.06.2019 for the second year students. Dr.Komala James Prof, Head/ECE delivered the welcome address during the inauguration. Dr. S. Umanath, Software Professional & Writer, Chennai delivered a motivational speech to the students. Dr. S. Ramesh and Dr. J. Mohan, Asso Prof(s) organized the event and spoke on the next generation scope and development to the students.



'Motivational Talks' conducted as part of the Bridge Course

Third & Final Year students underwent internship programmes during summer vacation.

i. Mr. L. Ashok, Mr. S. Krishnaperumal, Mr. B. Neelesh Kannan, Mr. P. Aakash, Mr. S. B. Berlin Samraj and Mr.M.Madhan Kumar at Port of Chennai endorsed by the Madras Atomic Power Station and NPCIL Chennai during 10.06.2019-16.06.2019.

ii. Ms. V. Sowmya and Mr. S. Subash at Airport Authority of India, Chennai branch during 03.06.2019-08.06.2019.

iii. Mr. V. S. Gowtham Adithya at Bharat Electronics Limited during 03.06.2019-07.06.2019.

iv. Mr.S.Vishesh Pranav at Madras Atomic Power Station, Kalpakkam, endorsed by MAPS and NPCIL Chennai during 03.06.2019-09.06.2019.

v. Mr. Rithesh Salunke at BEL Bangalore during the first three weeks of June 2019.

Mrs. T. S. Sheribha, AP and Mrs. S. R. Preethi, AP attended a Training Programme on 'URKUND: Plagiarism Detection Service' at College of Engineering, Guindy, Anna University, Chennai, jointly organized by the University Library & Centre for Research, Anna University, Chennai on 03.04.2019.

Mr. C. Saravanakumar, AP and Mr. A. Pandian, AP attended the Python Workshop for Teachers and Research Scholars on 22.06.2019 at VIT, Chennai organised by the National Mission on Education under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

Dr. Komala James, Prof & Head and her team members Mr.S.Senthilmurugan, AP, Mr. D. Murugesan, AP & Mr.A.G.Murali Krishna, AP conducted a Mock Audit for the UGC Autonomous Committee visit to acquire 'Autonomous Status' during 15.05.2019-19.05.2019.

Dr. Komala James, Prof & Head, Mr. C.Saravanakumar, AP and Mr. S. Senthilmurugan, AP audited IT & Civil Depts with respect to the criteria given by NBA.

Department of Electronics & Instrumentation Engineering

The Dept. in association with the ISA VMEC Student Charter organized a Faculty Development Program on the 'Electron Devices & VLSI' from 06.05.19 to 10.05.19.



Faculty Development Program on the 'Electron Devices & VLSI'

The Dept. in association with the ISA VMEC Student Charter organized a Staff Development Programme on the 'Plastic Waste Pollution, a Powerful Destructor into Future Resource' on 08.05.19.



SDP on the 'Plastic Waste Pollution, a Powerful Destructor into Future Resource'

The Dept. in association with the ISA VMEC Student Charter (jointly) organized a six day Faculty Development

Youth Red Cross



The World Earth Day, was organized at, Government Hospital, Guduvanchery on 22.04.19, Monday between 9.00 a.m. and 4.00 p.m. On that occasion, Posters on different themes were displayed. They fixed cattle guards around different plants within the campus. They also planted saplings.



Program sponsored by the Anna University on the 'Digital Signal Processing' from 10.06.19 to 15.06.19.



SDP on the 'Digital Signal Processing'

The Dept. in association with the ISA VMEC Student Charter organized a Motivational Talk delivered by an Expert, Mr. Baskaran KT, Founder and CEO of Kriya Tec, Chennai on 19.06.19.



Motivational Talk delivered by an Expert, Mr. Baskaran KT, Founder and CEO of Kriya Tec, Chennai

Twelve Faculty members of EIE visited Vi Microsystems Private Limited, Chennai on 03.05.19.

Five Faculty members of EIE visited Green Pearl Electronics Private Limited, Chennai on 07.06.19.

Dr. R. Umamaheswari, Asst. Prof. and Ms. Ramya Princess M, Asst. Prof. published the following papers.

i. 'Performance Analysis of SISO-OFDM Architecture for Wireless Applications using VLSI Technology' in the International Journal of Scientific Research & Engineering Trends, Volume 5, Issue 3, Page 791-795, May-Jun-19, (ISSN Online): 2395-566X.

ii. 'Performance Analysis of AD-HOC Routing Protocols' in the International Journal of Electronics, Communication & Instrumentation Engineering Research and Development (IJECIERD), Volume 9, Issue 1, Page 43-46, May-Jun-19, ISSN (P): 2249-684X; ISSN (E): 2249-7951, Jun 2019.

Department of Information Technology

A six day FDP on 'Communication, Network and Security' was organized from 28.05.19 to 04.06.19 for the Teaching Staff.



FDP on 'Communication, Network and Security'

'Motivational Talks' were organized on 18.06.2019 and 19.06.2019 for the second and third year students and the Resource Persons were Prof. M.J.Prasad, Multilingual Motivational Mentor, Chennai and Dr.Ushaa Eswaran, Member of the Planning Board, Thiruvalluvar University.



'Motivational Talks' by Dr.Ushaa Eswaran, Member of the Planning Board, Thiruvalluvar University.

A one day SDP on the 'Networking and Data Security' was organized on 13.06.19 for the Non-Teaching Staff and the Resource Person was Mr.G.Vivekanandan, A.P.



SDP on the 'Networking and Data Security'

A one day Industrial Visit to the 'Image Creative Education Pvt. Ltd, Chennai' was organized on 07.06.2019 for the Staff.



Industrial Visit to the 'Image Creative Education Pvt. Ltd, Chennai'

Dr.A.R.Revathi, Asso.Prof and Ms.S.Shenbagavadivu, A.P published an article on the 'Emotional Intelligence' and 'Evolution of Data Analytics in the IoT Era' in the CSI Communication, June and May 2019 Issue.

Department of Mechanical Engineering



FDP on the 'Fluid Mechanics and Dynamics'

A five day Faculty Development Programme on the 'Fluid Mechanics and Dynamics' was conducted from 22.04.2019 to 26.04.2019. Dr. T.Muthuramalingam, Associate Professor, SRM Institute of Science and



FDP on the 'Fluid Mechanics and Dynamics'

Technology, Dr.T.Venugopal, Associate Professor, VIT Chennai and Dr.S.Suresh Kumar, Associate Professor, SSN Engineering College delivered a lecture on prominent technical topics.



'Motivational Talk' for the second & third year students

As part of the Bridge Course for the second & third year students, a 'Motivational Talk' was arranged on 20.06.2019. Mr.M.P.Prasad, B.E, MBA., President Agnito INSIGHTS Pvt Ltd, Chennai delivered a lecture .

Mr.S.Suresh Pungaiyah, Assistant Professor & SAE Faculty Advisor, received the 'Best Coordinator Award' from Mr. Paul Mascarenas, President, SAE for conducting Aero Design Challenge Workshop.



Mr.S.Suresh Pungaiyah, AP & SAE Faculty Advisor, received the 'Best Coordinator Award'

Department of Master of Business Administration

An industrial visit to M/s. RLT Instrumentation Pvt. Ltd was organized for the Faculty members of the department on 12.06.2019. 6 Faculty members from the department visited the production facility at Aathur Village; Chengalpattu Dist. The Faculty members had the opportunity to understand the manufacturing process and the quality control measures implemented in the organization in a real time environment.



Industrial visit to M/s. RLT Instrumentation Pvt. Ltd

Skill Development Training Programme for the Non Teaching staff members on the 'Delegation and Empowerment' was conducted by the Dept. of Management Studies on 14.06.2019. The session was handled by Dr. J. Padmini, HoD and Mr. B. Sam Paul, Asst.Professor. 25 Non Teaching Staff from different departments participated and benefited from the programme.



Skill Development Training Programme for the Non Teaching staff members on the 'Delegation and Empowerment'

Computer Society of India-VEC Student Branch Inauguration of IOT Lab



Inauguration of IoT Lab

The Centre of Excellence for Internet of Things in collaboration with Respro Lab, Chennai at III Floor, New Block of our college was inaugurated on 03-04-19 by Dr.T.P.Ganesan , Director/SRM Valliammai Engg College in the presence of our Principal Dr.B. Chidambara Rajan, Vice-Principal Dr.M.Murugan and HoD/CSE Dr.B.Vanathi ,Professor. The CSI Coordinators Dr.M.Senthil Kumar,Dr.V.Ravikumar,V.Santhana Marichamy were also present on that event. Many students demonstrated their IoT based projects to our Honorable Director. The Director appreciated the efforts of the students and asked them to do more innovative developments in this area in the near future.

An industrial visit to M/s. Virgo Polymer India Ltd, was organized for the Faculty members of the Dept. on 26.04.2019. 6 Faculty members from the Dept. visited the production facility and had the opportunity to understand the manufacturing process and the quality control measures implemented in the organization in a real time environment.



Industrial visit to M/s. Virgo Polymer India Ltd,

Department of Placement & Career Guidance

The Department of Placement and Career Guidance conducted Winter Compensation Training between 17th and 23rd May 2019 (4 days for each department) for the prefinal year students (2020 Batch). Similarly, a Summer Training was conducted between 17th and 21st June 2019.

A 10 day Python Training Class was arranged for 170 students of 2020 Batch from 10.06.2019 to 18.06.2019.

6 companies conducted their campus drive and 10 students are offered jobs during the period from April to June 2019. Mahindra & Mahindra offered a highest pay package of Rs.6,50,000/- per annum.

NCC

NCC cadets Mr. K. Venkatesan, II Year IT Department and Mr.S. Srinithi, II Year ECE Department participated in the Combined Annual Training Camp (CATC) cum GP Shooting Camp from 21.05.2019 to 31.05.2019 held at Pachaiyappa's College, Kancheepuram.



NCC cadets and the incharge Dr.K.Thiruppathi attended the International Yoga Day Celebration on 21st June 2019, organized by The Commanding Office, NCC-NAVAL Unit, Chennai.

The awareness camp was organised for the NCC cadets and the public on the International Day against Drug Abuse and Illicit Trafficking on 26th June 2019.



Department of English

The third session of the Oratorical Competition under the auspices of 'Burke Club' was held on 4th April 2019. The first year students exhibited their oratorical skills and participated enthusiastically. The winners were rewarded with prizes and certificates.



An Oratorical Competition winner awarded prize

Linguathon Phase-II, a series of competitions consisting of JAM, Snap Talk and Short Film making and Review, was held on 5th April 2019. The competitions were conducted for the first year students. Students were provided opportunities to display their photographic skills. The most talented students were given prizes and certificates.



Participant of Oratorical Competition

Mr.Abbhishek David John and Ms.M.Arthi published a paper on the 'Information Communication Technology (ICT) in English language Teaching in the International Journal of Research in Humanities, Arts & Literature (IMPACT: IJRHAL) Vol.7, Issue 6. June 2019.

Mr. Abhishek David John and Ms. M. Arthi published a paper on the 'Newspaper: A Prospective Tool for English Language Learning' in the International Journal of Research in Humanities, Arts & Literature (IMPACT: IJRHAL) Vol.7, Issue 6. June 2019.

Department of Physics

Dr. M. Anbuezhayan, Associate Professor participated in a workshop on the 'X-ray Photoelectron Spectroscopy: Basics to Scientific Researches' organized by Nanotechnology Research Centre, SRMIST on 24th April 2019.

Dr. M. Anbuezhayan, Associate Professor attended a one day workshop on the 'Examination Reforms for AICTE approved institutions organized by AICTE at PSG College of Technology, Coimbatore on 7th May, 2019.

Department of Mathematics

Dr.V.Vijayalakshmi and Mrs. A.Karpagam published a paper entitled 'Heptagonal Fuzzy Number by Singular Value Decomposition', in the American International Journal of Research in Science, Technology, Engineering & Mathematics, Issue 26, vol.1, PP. 24-27.

Department of Chemistry

Dr. N. Jayaprakash, Asst. Prof published a paper in the International Journal 'Asian Journal of Chemistry' titled 'A review: An assortment of synthesis methods of silver nanoparticles', vol. 31 (7), page. 1405-1412, 2019.

He has also published a paper in the International Journal 'Rasayan Journal of Chemistry' titled 'Microwave Assisted Synthesis, Characterization and Photo-catalytic Study of Cu/ZnO Nanocomposite', vol. 12 (2), page. 860-865, 2019.

NPTEL

Ms. R. Saranya, Asst.Prof. /IT was the topper in 'Teaching and Learning in Engineering (TALE)' NPTEL online course examinations, January-April 2019.

40 Staff Members and 20 Students received the NPTEL online certificates during January-April 2019. Among which, courses of 20 Staff Members are certified for NPTEL-AICTE Faculty Development Programme.

UGC Committee Visit for Autonomous Status



*Congratulations to
Staff & Students*

**SRM Valliammai Engineering College
has been granted 'Autonomous Status'
by UGC & Anna University for 10 years
from the academic year 2019 - 29.**



NSS



succession on the instructions and supervision of a yoga teacher from the Isha Foundation with the help of Audio-Video clippings. At the end of the session, the NSS Programme Officer proposed a vote of thanks.

The NSS Unit of SRM Valliammai Engineering College in association with the 'OMR-ECR Water Bodies Protection' and 'Namma Nandhivaram Social Working Team' cleaned up a pond at Nandhivaram, near Guduvanchery, Kancheepuram District on 23.06.2019. The entire activity was covered by 'Nammal Mudiyum' team from Puthiyathalaimurai TV channel.

The NSS Unit of SRM Valliammai Engineering College & SRM-VEC Student Affairs Cell in association with Isha Foundation celebrated the 5th International Day of Yoga in the Drawing Hall, 3rd Floor, New Block on 21.06.2019 at 3.00 p.m to raise the global awareness about the benefits of the ancient Indian practices. The yoga session started with prayer, and systematic practice of different 'ASANAS' of standing, sitting and lying positions (both lying on back and reverse) smoothly changing in





NBA Visit on June 28, 29 & 30 2019 to the Departments of Civil and Information Technology



SAEISS MWC Division - Student Convention TIER-II

The Department of Mechanical Engineering in association with SAEISS MWC Division conducted a Student Convention TIER-II on 30th and 31st Jan 2019 at SRM Valliammai Engineering College, SRM Nagar, Kattankulathur, Chennai. Student members of SAEINDIA from various engineering colleges participated in the Student Convention Events.

Dr. S. Leenus Jesu Martin, Professor & HoD, Director - Student Campus life, SRMIST delivered the inaugural address and Special

Invitees Mr. Ganesh Adiga, DGM Mahindra & Mahindra & Mr.Praveenkumar Sr. Manager Mahindra & Mahindra gave various inputs to the participants and Dr. S. Senthilkumar, Professor, SRMIST & Dr. P. Muruganandham, Professor & HoD JPR Institute congratulated the participants.

Dr. B. Chidhambara Rajan offered his felicitation and Mr. S. Pungaiya, Asst Prof & SAE Coordinator introduced the Chief Guests. Totally, 361 students registered on both days. The Valedictory function was held on 31.01.2019.



SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)



B.E. - AGRICULTURE ENGINEERING



HIGHLIGHTS

- ◆ Organic farming and productivity.
- ◆ Training on conversion of waste organic materials to natural fertilizer.
- ◆ Hands on training on agricultural cycle.
- ◆ Usage of mechanical tools including tractor and power driller in the field.
- ◆ e-commerce and commodity trading on agricultural product.
- ◆ Attending internship / training programmes during winter/summer in the Agricultural Industries.
- ◆ Implementation of farm mechanization items in the Agricultural activities.

TNEA Counselling Code **1422**

HIGHLIGHTS

- ◆ Exclusive training in the 'SIMS Hospital', Vadapalani, the Chennai's leading Multi Speciality Hospital
- ◆ Department with state-of-art laboratories such as Digital Image Processing, Medical Equipments, Medical Instrumentation and Medical Electronics System Design Laboratories.
- ◆ Skill Training to Design Maintain and Calibrate the Medical Electronic instruments used in Healthcare.
- ◆ Placement Opportunities in SIMS Multi Speciality Hospital, SRM Hospitals, Larsen & Turbo, Wipro Medical

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