



Velalar College of Engineering and Technology

(Autonomous)

Accredited by NAAC with 'A' Grade & Accredited by NBA
Thindal, Erode - 638 012

NEWSLETTER

INTERNAL QUALITY ASSURANCE CELL (IQAC)

VOLUME 18

APRIL TO JUNE 2017

ISSUE 1

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MESSAGE FROM THE PRINCIPAL

The contribution of the faculty members and students in the realms of academics and non-academics significantly raise the standard of the institution in its pursuit of excellence. The achievement of year plans and the documentation of events by the departments would be a memorable record in the time to come. The autonomous, a glorious status, has enabled us to implement new strategies in pedagogy to meet the challenges of the corporate and societal values. The autonomy in teaching and learning would make everyone a great creative thinker in the mission undertaken.



The wholehearted support by the management in the endeavours has empowered us to accomplish all the tasks. My hearty wishes to the faculty members and students to achieve furthermore in the academic year 2017-18.

FAREWELL DAY



A farewell day was organised on 06.04.2017. The final year students of all departments attended the function. The accomplishments of departments were evoked with great conceit. The students expressed their gratefulness to the college for its role in moulding their

personality to face any challenges in life. The students felt proud for the prestigious autonomous status sanctioned by the UGC and the accreditation by the NAAC and NBA. Thiru. S.D. Chandrasekar, Correspondent and Secretary gave away mementoes to the students for the recognition their effort for bringing laurels to the college. Thiru. S.D. Chandrasekar, Correspondent and Secretary, presided over the function. Dr. M. Jayaraman, Principal, Prof. L. Peter Stanley Bebington, Dean (Academics), Prof. K. Jayachander, Dean (SA) & Dr. L.M. Palanivelu, Dean (Placement), felicitated the gathering. Dr. V.K. Manavalasundaram, ASP/CSE, proposed the vote of thanks.

DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY DEVELOPMENT AND TRAINING PROGRAMME: Anna University sponsored FDTP was organized on 'IT6005- Digital Image Processing' from 15.06.2017 to 21.06.2017. The eminent scholars from reputed institutions addressed the assemblage on the recent technological developments in the medical field. A Hands on Training was arranged. Prof.L.Peter Stanley Bebington, Dean (Academics), gave a special lecture on 'Innovative Teaching and Interactive Learning'. Dr.M.Jayaraman, Principal, presided over the function. Prof.L.Peter Stanley Bebington, Dean (Academics), Prof. K. Jayachander, Dean (SA), felicitated the gathering. Dr.S.Mangai, HOD-BME proposed the vote of thanks.



SMART INDIA HACKATHON 2017: The Ministry of Human Resource Development (MHRD) and All India Council for Technical Education (AICTE), organised a 'SMART INDIA HACKATHON 2017', on 01.04.2017. More than 10,000 students from various colleges worked on digital ideas to improve the functioning of governance. A team of students from VCET bagged the 4th place and was appreciated with prize by the Union Ministry of Road, Transport and Highways, India.

DEPARTMENT OF CIVIL ENGINEERING

SURVEY CAMP: A survey camp was organized at Karaparai Village, Erode, from 19th to 24th June, 2017. During the camp, the students underwent triangulation survey, block contouring, radial contouring LS and CS of roads and electronic survey using total station survey and GIS.

FACULTY DEVELOPMENT PROGRAMME: A three-day self-sponsored FDP on 'CE 6505 Design of Reinforced Concrete Elements' was conducted from 31st May to 02nd June, 2017. Dr. G. S. Thirugananam, Prof. & Head/Civil Engineering, Institute of Road and Transport Technology, Chithode, addressed the gathering.



IN-PLANT TRAINING: Twenty one students from second year underwent an In-Plant Training for a period of 7 to 21 days in various construction companies at Erode, Tiruppur, Salem and Coimbatore. The students gained practical knowledge and found the ways to develop their skills to meet the requirements of the companies.

TECHNICAL VISIT: The Third year students undertook a Soil Investigation Camp in the R.C.C Community Hall construction near Karungalpalayam, Erode on 30.06.2017.

CONSULTANCY / TESTING ACTIVITIES: (For the Month of January to June'17)

S.No.	Details of Testing/Consultancy	Laboratory	Faculty Incharge (VCET)
1.	Consultancy in Geotechnical Investigation and Testing of Soil Samples	Soil Mechanics Lab	Dr.E.Ravi, Prof. & Head, and Mr.C.Karthik, AP
2.	Testing of Concrete Cubes and Bricks in Concrete Lab	Concrete Lab	Dr.E.Ravi, Prof. & Head, and Ms.A.Anitha, AP
3.	Surveying Work at Offsite	Surveying Lab	Dr.E.Ravi, Prof. & Head, and Mr. S. Suresh, AP
4.	Testing of Water Samples in Environmental Engg Lab	Water Testing Lab	Dr.E.Ravi, Prof. & Head, and Mr. D. Sakthivel, AP
5.	Structural Design & Drawing	Structural Design	Dr.E.Ravi, Prof. & Head, and Mr. C. Karthik, AP
Total Income Generated = 2,24,250/- (Two Lakh Twenty Four Thousand Two Hundred and Fifty only)			

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROJECT ACIEVEMENT: Mr. M. Srinath, III-CSE, took part in the project 'Area Speeding Check', an event in 'Smart India Hackathon-2k17' and won the prize of Rs. 10k from the Union Ministry of Road, Transport and Highways, India, at Shri Ramdeobala College of Engineering and Management, Nagpur on 1st and 2nd April, 2017.



VALEDICTORY FUNCTION: The association MAGNUMOPUS organized a valedictory function on 06.04.2017. The winners of various events such as Intra Department Meet, Project Expo, Techie Clump activities conducted during the year 2016-2017 were awarded with various prizes. Dr. M. Jayaraman - Principal, presided over the function. Prof. P. Jayachandar - Dean (Student Affairs), Prof. L. Peter Stanley Bebington - Dean (Academics), Dr. L. M. Palanivelu - Dean (Placement) & HOD/CSE, felicitated the gathering.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE: An IETE sponsored value added course on 'Design of Control System Using Matlab' was conducted on 07 & 08.04.17. Dr. K. R. Valluvan, Prof. & HOD, Ms. M. Nisha Angeline, AP (Sl. Gr.) & Mr. S. Nachimuthu, AP, gave a Hands on Training to more than 110 students and got benefitted.





WORKSHOP: A one-day workshop on 'Keysight Education Safari' was organized on 27.06.17. Mr. V. Rajkumar—Asst. Sales Manager, Sintech Technology, Coimbatore, gave a Hands on Training to the faculty members. Dr.M.Jayaraman, Principal, presided over the function. Prof.L.Peter Stanley Bebington, Dean (Academics), Prof. P. Jayachandar, Dean (SA) & Dr. L. M. Palanivelu, Dean (Placement), felicitated the gathering. Dr.K.R.Valluvan, HOD-ECE, proposed the vote of thanks.

DEPARTMENT OF MECHANICAL ENGINEERING

VALEDICTORY CUM GUEST LECTURE: The valedictory functions for FAME and IIPE Students' Chapter were conducted on 03.04.2017 and a guest lecture was organized on 'Industry Expectations and Gaps'. Mr. D. Eragamani, Asst. General Manager & Head/TQM, Carborundum Universal Ltd., Hosur, was the chief guest. He explained the students about the basic TQM concepts, quality management techniques and industries requirements. Dr.M.Jayaraman, Principal, presided over the function. Prof.L.Peter Stanley Bebington, Dean (Academics), Prof. P. Jayachandar, Dean (SA) & Dr. L. M. Palanivelu, Dean (Placement) felicitated the gathering. Dr.R.Kumaravelan, HOD-MECH, proposed the vote of thanks.



SAEINDIA VCET CLUB INAGURATION: The SAEINDIA VCET COLLEGIATE CLUB was inaugurated and a special lecture was organized on 'Tractors for Modern Farming', on 29.04.2017. Mr. S. Sriraman, Senior Vice President, TAFE Chennai & Chairman SAEISS was the resource person. He addressed the students about the various statistics, modern equipment and precision farming in agriculture. Dr.M.Jayaraman, Principal, presided over the function. Prof.L.Peter Stanley Bebington, Dean (Academics), Prof. P. Jayachandar, Dean (SA), Dr. L. M. Palanivelu, Dean (Placement) & Dr.R.Kumaravelan, HOD-MECH, felicitated the gathering.



IN-PLANT TRAINING: 45 students from Year-II & III underwent an In-Plant Training at various industries during their summer vacation.

DEPARTMENT OF COMPUTER APPLICATIONS

VALEDICTORY FUNCTION: The association of MCA, 'COMRADE' conducted a valedictory function on 17th April, 2017 and prizes were distributed to the students who won in the Project Exhibition. Dr.M.Jayaraman, Principal, presided over the function, Prof.L.Peter Stanley Bebington, Dean (Academics), Prof. K. Jayachander, Dean (SA), Dr. L. M. Palanivelu, Dean (Placement) & Dr.P.Navaneetham, HOD-MCA, felicitated the gathering.

DEPARTMENT OF MANAGEMENT STUDIES

GUEST LECTURE: A guest lecture was organized on 04.04.2017. Dr.Sheeba Joseph, Entrepreneur, TIA Private Ltd, Coimbatore, was the resource person. In her address, she shared her views on the importance of business, how to create a group for business links and the opportunities available in the world of business.



VALEDICTORY FUNCTION: The VELMA conducted a valedictory function on 03.05.2017. Dr.M.Jayaraman, Principal, presided over the function and he encouraged the students to develop entrepreneurship and soft skills. Prof.L.Peter Stanley Bebington, Dean (Academics), Prof. P. Jayachandar, Dean (SA), Dr. L. M. Palanivelu, Dean (Placement) & Dr.T.Vetrivel, HOD-MBA, felicitated the gathering.

STUDENTS ACTIVITY: Three students took part in the National Level Management Meet on 'HR Game', at Sri Venkateshwara Group of Institution, Coimbatore, on 07.04.2017 and won the first prize.

ROTARACT CLUB ACTIVITIES

SOCIAL WELFARE ACTIVITY: The Rotaractors carried out 'Seemai Karuvelaimaram Olippu Thittam' successfully in Seenapuram on 12.02.17 and in Thudupathi on 12.03.17.

PROFESSIONAL ACTIVITY PROGRAMMES: On behalf of the Rotaract Week Celebrations, a Professional Activity Programme was conducted on 13.03.17. Jc. Du. Velumani, Certified Zone Trainer, JCI and Jc HGF K.Karikolraj, President, Rotary Club of Erode, Thindal, delivered a talk on 'Positive Attitude' and 'Time Management'.

INTERNATIONAL WATER DAY CELEBRATIONS: In the view of creating awareness about the preservation of water on the International Water Day, the Rotaract Club of VCET conducted a 'Water Day Awareness Programme' in and around Thindal on 22nd March'17. Thiru. S. Prabhakar, IAS, the District Collector of Erode, presided over the function and stressed the importance of rain water harvesting and minimizing the level of water usage. Dr. M. Jayaraman, Principal, VCET, gave felicitation. At the end of the programme, pamphlets about the water preservation were distributed to the public.



WORKSHOP/ SEMINAR/ FACULTY ENABLEMENT PROGRAMME

DEPARTMENT OF CIVIL ENGINEERING

D. Sakthivel, C. Pranesh & S. Ramesh, attended a one-day national seminar on 'Review on Industrial & Institutional Interaction on Civil Engineering' at Erode Senguthier Engineering College, Erode.

D. Sakthivel, R. Gowthami, R. Kalpana and S. Ramesh Kumar attended Anna University sponsored FDP on 'CE 6701 Structural Dynamics and Earthquake Engineering' organized by Builders Engineering College Nathakadaiyur from 09th to 16th June, 2017.

C. Karthik, participated in a workshop on 'Scope for & D Projects and Proposal Preparation' at Anna University on 12.05.2017.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

M. Vijayan, attended a two-day ISRO sponsored national workshop on 'Emerging Trends in Smart Satellite Technology and its Applications' at MPNMJ College of Engineering.

P. Senthil Kumar and S. Rajan, attended a one-day NPTEL workshop conducted by K.S.R. College of Engineering.

L. Revathi & P. Nanthini, attended IIT Karagpur sponsored a two-week STTP on 'CMOS Mixed Signal and RF based VLSI Design' organised by Kongu Engineering College.

M. Vijayan, M. Nisha Angeline, S. Pavithra & K. K. Pradeep, attended a seven-day FDP on 'Optoelectronic Devices' at MPNMJ College of Engineering from 15th to 21st May, 2017.

M. Parimala Devi & V. Gowri Shankar, attended a Short Term Training Programme on 'ARM, Raspberry-pi & Labview based IoT for Real Time' at Bannari Amman Institute of Technology from 17th to 23rd May, 2017.

M. Vijayan, Dr. V. Chandrasekaran, ASP, K. Senthil Prakash, S. Rajan, P. Senthil Kumar, S. Nachimuthu & S. MahandraKumar, attended a seven-day FDP sponsored by Anna University, Chennai, on 'EC6703 - Embedded and Real Time Systems' at Excel College of Engineering from 05th to 12th June, 2017.

S. Pavithra, K.S. Murugesan, V. Gowri Shankar & N. Karthikeyan, attended a seven-day FDP sponsored by Anna University, Chennai, on 'RF and Microwave Engineering' at Al-Ameen College of Engineering from 05th to 11th June, 2017.

T. Sathya, P. Nandhini & M. Rathika, attended a seven-day FDP sponsored by Anna University, Chennai, on 'Digital Image Processing' at VCET from 15th to 21st June, 2017.

Dr. K. Venkatachalam, attended a one-day MOOC online course on 'KiCad-Printed Circuit Board Design' in udemy (Online) on 05.05.2017.

Dr. V. Chandrasekaran, attended a one-day MOOC online course on 'Introduction to Networking for Complete Beginners' in udemy (Online) on 02.05.2017.

Dr. P. Brindha, attended a one-day MOOC online course on 'System Verilog Design: A professional SoC code Walk-through online' in udemy (Online) on 03.05.2017.

S. Mahendrakumar & S. Rajan, attended a one-day MOOC online course on 'Engineering Student's Projects on Arduino, PIC16F877A & 8051' in udemy (Online) on 02.05.17.

P. Senthil Kumar, attended a one-day MOOC online course on 'Electronics Semiconductor- A Thorough Understanding' in udemy (Online) on 03.05.2017.

S. Pavithra, attended a one-day MOOC online course on 'Arduino Discovery: Programming the UNO Board made simple' in udemy (Online) on 02.05.2017.

K. S. Murugesan, attended a one-day MOOC online course on 'KiCad Printed Circuit Board Design' in udemy (Online) on 04.05.2017.

S. Nachimuthu & V. Gowri Shankar attended a one-day MOOC online course on 'Projects on Arduino, Pic16F877A, 8051' in udemy (Online) on 03.05.2017 & 05.05.2017 respectively.

M. Parimaladevi & R. Premalatha, attended a one-day MOOC online course on 'Introduction to FPGA's and Prototyping' in udemy (Online) on 02.05.2017 and 03.05.2017 respectively.

S. Pooranachandran, attended a one-day MOOC online course on 'Introduction to Cloud Computing' & 'Serverless Architecture on Amazon Web Services' in udemy (Online) on 04.05.2017.

K. Kavitha, attended a one-day MOOC online course on 'How to build a cloud VoIP 3CX Telephone System' in udemy (Online) on 04.05.2017.

T. Sathya, G. Boopathi Raja, attended a one-day MOOC online course on 'Audio Engineering: Signal Flow' in udemy (Online) on 03.05.2017 & 04.05.2017 respectively.

N. Karthikeyan, attended a one-day MOOC online course on 'KiCad-Printed Circuit Board Design' & 'Beginners of Photoshop to HTML5 and CCS3 online' in udemy (Online) on 04.05.2017.

M. Rathika, attended a one-day MOOC online course on 'Introduction to FPGA's and prototyping' in udemy (Online) on 02.05.2017.

P. Nandhini, attended a one-day MOOC online course on 'Electronics Engineering Technology Fundamentals' in udemy (Online) on 02.05.2017.

K. K. Pradeep, attended a one-day MOOC online course on 'PCB Design a Tiny Arduino in Altium Circuit Maker' & 'Introduction to Cloud Computing' in udemy (Online) on 04.05.2017.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. S. Velumani & K. Ramakrishnan attended a one-day FDP on 'Wear, Wear Testing and Characterization' at M.Kumarasamy College of Engineering, Karur, on 29.05.2017.

V. Mohankumar, S. Arunkumar & A. Manojkumar, attended an FDTP on 'Strength of Materials' at KSR Institute for Engg. and Tech., Tiruchengode, from 12th June to 19th June, 2017.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Eleven Staff Members attended a workshop on 'Cyber Security' sponsored by ISTE at VCET on 11.02.2017.

Eleven Faculty Members participated in a two-day seminar on 'Security Issues in IOT' sponsored by ISRO at VCET from 03 to 04.02.2017.

A few Faculty Members attended a workshop organized by the Department of Civil Engineering on 'Disaster Management and First Aid' at VCET on 02.03.2017.

Dr. V. Lathajothi and S. Kayalvili, participated in a seven-day Anna University sponsored FDTP on 'IT6005 – Digital Image Processing', at VCET from 15th to 21st June, 2017.

P. Suganthi Malrvizhi and R. Kavitha, attended a five-day FDP on 'Data Science and Big Data Analytics', conducted by ICT Academy at KSR Institute for Engg. and Tech., Thiruchengode, from 25th 29th April, 2017.

Dr. S. Sadesh, participated in CSIR sponsored a two-day national seminar on 'Significance of Cyber Security in Information Technology' at Excel Engineering College, Komarapalayam on 20th & 21st June, 2017.

DEPARTMENT OF INFORMATION TECHNOLOGY

R. Menaka, T. Premamala and M. Kavitha attended a two-day CSIR sponsored national level seminar on 'Significance of Cyber Security in Information Technology' at Excel College of Engineering from 20 to 21.06.2017.

Dr. S. Jabeen Begum, T. Nithya, R. Maheshwari, S. Subathra and D. Lavanya, attended a two-day CSIR sponsored seminar on 'Computer Vision for Virtual Reality and Augmented Reality' at P.A. College of Engineering and Technology, Pollachi from 22 to 23.06.2017.

R.Menaka, M.Kavitha, V.Leela and L.Viji, attended a seven-day FDTP on 'CS6501 – Internet Programming' at Excel College of Engineering from 12 to 18.06.2017.

DEPARTMENT OF MANAGEMENT STUDIES

Three Staff Members attended a workshop on 'Cyber Security' sponsored by ISTE at VCET on 11.02.2017.

A workshop on 'Disaster Management and First Aid' attended by the Eight Faculty Members at VCET on 02.03.2017.

DEPARTMENT OF COMPUTER APPLICATIONS

M.Aruna, attended an FDP on 'Internet Programming' at Mahendra Engineering College for Women, Kumaramangalam from 12th to 18th June, 2017.

CONFERENCE/LECTURES/KEYNOTE ADDRESS DELIVERED BY FACULTY MEMBERS IN OTHER & HOST INSTITUTIONS

DEPARTMENT OF CIVIL ENGINEERING

D.Sathivel & S.Ramesh Kumar, presented a paper on 'Application of Nano Technology in Civil Engineering as Construction Material' in the National Conference on 'Recent Trends in Applied Science and Technology' organized by Sri Shanmuga College of Engineering and Technology, Salem.

Dr. E.Ravi, Prof./HoD., and et-al, presented a paper on 'Experimental Study on Soil Stabilization by using Rice Husk Ash and Coconut Fibre' in the 6th International Conference on Advanced Computing, Control, Communication, Automation and Structural Engineering, on 08th April, 2017.

D.Sakthivel and S.Ramesh Kumar, presented a paper on 'Prediction and Assessment of Groundwater Quality Modeling Software' in the National Conference on Trendy and Sustainable Development in Civil Engineering, on 07th April, 2017.

D.Sakthivel, and et-al, presented a paper on 'Experimental Study on Removal of Impurities from Textile and Tannery Wastewater Effluent' in the National Conference on Trendy and Sustainable Development in Civil Engineering, on 07th April, 2017.

D.Sakthivel, and et-al, presented a paper on 'A Review of Sustainability in Waste Management' in the National Conference on Innovations in Concrete and Construction, on 06th April, 2017.

R.Kalpna and R.Gowthami, presented a paper on 'Application of Wastewater in Construction' in the National Conference on Trendy and Sustainable Development in Civil Engineering, on 07th April, 2017.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

N.Jayanthi, presented a paper on 'Mobile Mechanic using Augmented Reality Detection', in an International Conference on 'Recent Innovations in Engineering Technology and Management', at Nandha Engg. College, Erode.

P. Sathyavathy, presented a paper on 'A Proficient Technique for Word Crawling the Unnecessary Significance in Social Networks', in a National Conference on 'Technological Engineering', Advancements in Sree Narayana Guru College of Engg. and Tech., Kerala.

Dr. S. Sadeesh, presented a paper on 'Knowledge Extraction of Infrequent Item Sets using Association Rule Mining' in the third National Conference at Sree Narayana Guru College of Engg. and Tech., Kerala.

K. Mohana Priya, presented a paper on 'Addressing Public Grievances and Scheduling based on Greedy Algorithm' in the National Conference on 'Technological Advancements in Engineering' at Sree Narayana Guru College of Engg. and Tech., Kerala.

R.Kavitha, presented a paper on 'Enhanced High Level Security Based on Feature Set and Order Sequence Graphical Authentication' in the National Conference on 'Technological Advancements in Engineering' at Sree Narayana Guru College of Engg. and Tech., Kerala.

R.Kavitha, presented a paper on 'Secure Hybrid Method for Safe Transfer Medical Images' in the National Conference on 'Technological Advancements in Engineering' at Sree Narayana Guru College of Engineering and Technology.

Dr. V.Lathajothi, presented a paper on 'Recommendation based Product Promotion using QBF Algorithm', in the National Conference on Technological Advancements in Engineering (NaCTAE'17) at Sree Narayana Guru College of Engineering and Technology, Kerala on 25.03.2017.

Dr. V.Lathajothi, presented a paper on 'Face Recognition System for Home Security', in the National Conference on Technological Advancements in Engineering (NaCTAE'17) at Sree Narayana Guru College of Engineering and Technology, Kerala on 25.03.2017.

Dr. S.Sades, presented a paper on 'Knowledge Extraction of Infrequent Item Set using Association Rule Mining', in the National Conference on Technological Advancements in Engineering (NaCTAE'17) at Sree Narayana Guru College of Engineering and Technology, Kerala on 25.03.2017.

Dr. S.Sades, presented a paper on 'Secured Message Transfer through Qrcode Encryption', in a National Conference on Technological Advancements in Engineering (NaCTAE'17) at Sree Narayana Guru College of Engineering and Technology, Kerala on 25.03.2017.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. K.Venkatachalam, presented a paper on 'A CMOS Current-Steering Digital to Analog Conversion for Low Power Applications' in the National Conference on 'Trends in Engineering Applications and Management' at VCET.

M.Vijayan, presented a paper on 'Industrial Process and Monitoring Control using Raspberry-Pi through IoT' in an International Conference at Selvam College of Engineering and Technology, Salem.

M.Vijayan, presented a paper on 'Automatic Street Light Control System using WSN Sensor in Vehicles Movements and Atmospheric Conditions' in an International Conference at Selvam College of Engineering and Technology, Salem.

M.Nisha Angeline, presented a paper on 'Security Management for Controlling Theft using Arduino UNO' in the National Conference on 'Recent Explorations in Science, Engineering and Technologies' at KGISL Institute of Technology, Coimbatore.

M.Nisha Angeline, presented a paper on 'Arduino UNO Based Security System to Control Theft' in the National Conference on 'Trends in Engineering Applications and Management' at VCET.

M. Nisha Angeline, presented a paper on 'Design and Analysis of High Speed Vedic Multiplier based on Modified Nikhilam Sutra' in the National Conference on 'Signal Processing, Communication and VLSI Design – NCSCV'17' organised by Anna University Regional Campus, Coimbatore.

K.Senthil Prakash, presented a paper on 'Energy aware QoS Enabled Node Disjoint Multipath Routing Protocol for MANET's' in the National Conference on 'Trends in Engineering Applications and Management' at VCET.

S.Rajan, presented a paper on 'Daily Activity Monitoring for an Unattended Elder and Disabled People' in an International Conference on 'Signal Processing, Communication and VLSI Design-NCSCV'17' at Anna University, Regional Campus, Cbe.

M.Parimaladevi, presented a paper on 'Optimized Architecture for Data matching Encoded with Error Correcting

Codes' in an International Conference on 'Trends Green, Intelligent Computing and Communication Systems' at Hindustan College of Engg. and Tech., Cbe.

V.GowriShankar, presented a paper on '6Bit,180nm Digital to Analog convertor using Tanner EDA Tool for Low Power Applications' in an International Conference on 'Electronics Signal Integrity and Communication' conducted by Selvam college of Engineering and Technology, Salem.

K.S.Murugesan, presented a paper titled 'Footstep Power Generation Using Piezo Electric Transducer' in an International Conference on 'Electronics Signal Integrity and Communication' at Selvam College of Engg. and Tech., Salem.

R.Premalatha, presented a paper on 'Smart Phone based Industrial Robot Using Raspberry PI' in an International Conference on 'Emerging Trends in Engineering, Science and Sustainable Technology' at Erode Sengunthar Engg. College.

N.Karthikeyan, presented a paper on 'Early Forest Fire Detection Using Image Processing' in an International conference on 'Electronics Signal Integrity and Communication' at Selvam College of Engg. and Tech., Salem.

G.Boopathi Raja & K.Kavitha, presented a paper on 'Deduction of Passengers Route choices for Train from Android Application' in the National Conference on 'Networking and Communication System' at Excel Engg. College, Sankari.

G.Boopathi Raja & K.Kavitha, presented a paper titled 'Self Asserting Fingerprint Bank Locker with Image Acquisition System' in an International Conference on 'Electronics Signal Integrity and Communication – ICESIC/17' at Selvam College of Engg. and Tech., Salem.

G.Boopathi Raja, presented a paper on 'Automatic LPG gas Booking and Detection System' in the National Conference at Anna University, Regional Campus, Cbe.

G.Boopathi Raja, T. Sathya & K.Kavitha, presented a paper on 'Effective Approach for the Drunken Driving and Drowsy State Detection using EEG' in the National Conference on 'Global Learning Conference on Mobile Computing' at AC Tech, Anna University, Coimbatore.

M.Radhika, presented a paper on 'Automated Paddy Leaf Disease Identification Device' in an International Conference on 'Electronics Signal Integrity and Communication – ICESIC/17' at Selvam College of Engg. and Tech., Salem.

P.Nanthini, presented a paper on 'Automatic Fire Detection and Rescue System using GSM' in an International Conference on 'Electronics Signal Integrity and Communication' at Selvam College of Engg. and Tech., Salem.

Dr. K.Venkatachalam, delivered a Guest Lecture on 'Significance of Presenting Papers in Conferences' and acted as a part of jury in the National Conference at Narasu's Sarathy Institute of Technology, Salem on 01.04.2017.

Dr. K.R.Valluvan, M.Nisha Angeline, S.Nachimuthu, delivered lectures on 'Control Systems Using MATLAB' in a certificate course on 'Control Systems Using MATLAB' at VCET on 07.04.2017 & 08.04.2017.

Dr. K.Venkatachalam, delivered a lecture in a seven-day FDP on 'EC6703 - Embedded and Real Time Systems' sponsored by Anna University, Chennai, at Excel College of Engineering from 07.06.17.

Dr. K.Venkatachalam, delivered a lecture in a seven-day FDP on 'RF and Microwave Engineering' sponsored by Anna University, Chennai, at Al-Ameen Engineering College on 10.06.2017.

Dr. K.R.Valluvan, delivered a guest lecture on 'Fuzzy Optimization' in a CSIR sponsored seminar on 'Industrial Automation' at P.A College of Engineering and Technology, Pollachi, on 30.06.2017.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr. P. Sakthivel, published a paper on 'Electro Car Diagram De-Noising using TQWT and Compression using TWT' at Selvam College of Engg. and Tech., Salem.

D. Sasipreetha, presented a paper on 'IoT based Wearable Sensor Device for Sudden Infant Death Syndrome' in the National Conference on 'Trends in Engineering Applications & Management' at VCET.

S. Ashwanth, presented a paper on 'Zigbee based Remote Power Measuring System' at a National Conference on 'Trends Engineering Applications & Management' at VCET.

C. Gokul, presented a paper on 'Virtual Reality Based Elder Aid System' in an International Conference on 'Recent Trends in Engineering and Technology' at KSR IET, Tiruchengode.

V.Sabarivelu, attended an FDTP on 'EE6301 Digital Logic Circuits' at Bannari Institute of Technology from 10th to 16th May, 2017.

V.Sabarivelu, J.Senthilnath, S.Ashwanth & S.Hariprasath, attended a workshop on 'Key Sight Education Safari' at VCET on 27th June, 2017.

R.Madhumitha & K.Priyadharshini, attended an FDTP on 'Optical Communication Networks' at M.Kumarasamy College of Engineering from 23rd to 29th June, 2017.

S.Yamuna, C.Radhika, S.Gokulbrindha, D.Sasipreetha, R.Madhumitha & D.Rajkumar, attended an FDTP on 'IT6002 Digital Image Processing' at VCET from 14th to 20th June, 2017. Microwave Engineering' at Al-Ameen Engineering College on 5th to 11th June, 2017.

DEPARTMENT OF MECHANICAL ENGINEERING

V.Mohan Kumar, presented a paper on 'Study on Wear Behaviour of A1 7075/A120 SIC/Graphite Hybrid Composite' in an International Conference on 'Futuristic Innovation in Mechanical Engineering and Manufacturing Management (ICFIMEMM-17)' at M. Kumarasamy College of Engg., Karur.

M.Prakash, D.Kesavan, K.S.DharaniDharan, R.Dinesh, R.Udhaya Kumar & C.Vignesh, presented a paper on 'Optimization and Analysis of Mouth Piece Plate Material in Butter Packing Machine' in a National Conference on 'Recent Advancements in Mechanical Engineering' at Nandha College of Technology, Erode.

S. Arun Kumar, V. Balaji, V. Suganth, S. Kavinprasanth, M. Kathiresh & L. Sudhakar, presented a paper on 'Rice Husk Reinforced with Cotton Fiber Polyester Composites' in an International Conference on 'Futuristic Innovation in Mechanical Engineering and Manufacturing Management' at M.Kumarasamy College of Engineering, Karur.

DEPARTMENT OF MANAGEMENT STUDIES

D. Aarthi, presented a paper on 'Demonetisation: A March towards Digital India and its Impact in Indian Economy' in a National Conference at N.K.R. Govt. Arts College for Women, Namakkal.

D.Aarthi was the resource person of the workshop on 'Building Positive Mental Attitude & Goal Setting', at Sri Akilandswari Women's College, Wandiwash on 29th & 30th June, 2017.

D.Aarthi presented a paper on 'An Empirical Evaluation on Level of Job Satisfaction among the Employees of Select IT Companies' in the International Conference at Sri Ganesh School of Business Management, Salem.

R.Moorthi, presented a paper on 'Challenges and Opportunities of Digital Transformation in Business' in an International Conference at VCW, Erode.

M.Madhukrishnan, presented a paper on 'Challenges and Opportunities of Digital Transformation in Business' in an International Conference at VCW, Erode.

N. Balachandran, presented a paper on 'Green Marketing' in a National Conference at VCET.

D. Muthukrishnaveni, presented a paper on 'The Emerging Trends in Retail Marketing' in a National Conference at VCET.

M. MadhuKrishnan, presented a paper on '360 Degrees Performance Appraisal' in a National Conference at VCET.

R. Moorthi, presented a paper on 'Future of Virtual Marketing' in a National Conference at VCET.

R. Logeshkumar, presented a paper on 'Blue Ocean Strategy' in a National Conference at VCET.

D. Aarthi, presented a paper on 'Effects of Glass Ceiling: A Study on Cause and Impacts on Female Manager' in a National Conference at VCET.

T. Mohanapriya, presented a paper on 'Electronic Waste Management' in a National Conference at VCET.

DEPARTMENT OF CHEMISTRY

K. Manikandan, and et-al, published a paper on 'Synthesis, Morphological, Optical Characterization of Pure and Co-Doped TiO_2 nanoparticles and its Assessment to Antimicrobial Activity', in the Indian Journal of Research Foundation on April, 2017.

JOURNAL PUBLICATIONS BY THE FACULTY MEMBERS

DEPARTMENT OF CIVIL ENGINEERING

C. Karthik and S. Ramesh Kumar, 'Experimental Investigation of Concrete with Ceramic Waste as a Partial Replacement of Fine Aggregate' in International Journal of Modern Trends in Engineering and Research, Vol: 04, Issue 3, March 2017.

C. Sathivel, 'Geochemical Analysis and Modeling of Ground Water' in International Journal of Modern Trends in Engineering and Research, Vol: 04 Issue 1, pp 94-98 ISSN 2349-9745 Jan 2017.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

N. Jayanthi, 'Optimized Virtual Machine Placement Algorithm for both Energy-Awareness and SLA Violation Reduction in Cloud Data Centers' in International Journal of Intellectual Advancements and Research in Engineering Computations, ISSN :2348-2079, Volume -5, Issue -1.

N. Jayanthi, 'Mobile Mechanic Using Augmented Reality Detection', in International Journal of Intellectual Advancements and Research in Engineering Computations, ISSN: 2348-2079, Volume -5, Issue -1.

Dr. V. Lathajothi, 'Face Recognition System for Home Security', International Journal of Research and Development, Volume 1, Issue 1, pp. 5-7, April 2017.

S. Kayalvili, 'An Approach to Reconstruct Incomplete Data using DFT and Polynomial Prediction Technique', International Journal of Research and Development, Volume 1, Issue 1, April 2017.

S. Kayalvili, 'Security Challenges for Privacy and Trust issues Arising in Cloud Services', International Journal of Research and Development, Volume 1, Issue 1, April 2017.

Dr. S. Sadesh, 'Knowledge Extraction of Infrequent Item Set using Association Rule Mining', International Journal of Research and Development, Volume 1, Issue 1, April 2017.

Dr. S. Sadesh, 'Secured Message Transfer through Qrcode Encryption', International Journal of Advance Research and Innovative Ideas in Education, Volume 2, Issue 4, April 2017 Page 179-183.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. K.R. Valluvan, 'A Review of Performance Metrics in Designing of Protocols for Wireless Sensor Networks', Asian Journal of Research in Social Sciences and Humanities, Vol. 7, Issue 1, pp 716-730, Jan 2017 ISSN NO: 2249-7315.

K. Senthil Prakash, 'Energy Sentient Qos Implemented Node-Disjoint Multipath Routing Protocol for MANET', International Journal of Communication and Computer Technologies,

Volume 05-- No. 04, Issue: 01, pp-27-36, Mar 17.

N. Karthikeyan, 'Early Forest Fire Detection using Image Processing', International Journal of Control Science and Engineering, Volume 6, Issue 2, pp. 16-18, March 17.

M. Nisha Angeline, 'Security Management for Controlling Theft using Arduino UNO', International Journal of Advanced Research, Ideas and Innovations in Technology, Volume 3, Issue 3, pp 101-106, 2017, ISSN NO: 2454-132X.

P. Senthilkumar, K.S. Murugesan, S. Poornachandran & N. Karthikeyan, 'Solar Powered E-Military', International Journal of Advanced Research in Computer and Communication Engineering, Volume 6, Issue 4, pp 579 - 585, April 2017, ISSN NO:(online:2278-1021) (Print: 2319-5940).

M. Parimala Devi, 'Variation Tolerant SRAM Cell for Low Power Applications', International Journal of Advance Research, Ideas and Innovations in Technology, Volume 3, Issue 3, pp 325-331, April 2017, ISSN: 2454-132X.

P. Brindha, 'Design and Implementation of FIR Filter using Retiming Techniques', International Journal of advance research, ideas and innovations in Technology, Volume 3, Issue 21, pp 292-299, May-June 2017.

P. Nandhini, M. Rathika, L. Revathi & P. Ragavi, 'Development of Automatic Fire Detection And Rescue System Using GSM', Volume 6, Issue 4, pp 689-694, April 2017, ISSN NO: (online:2278-1021) (Print: 2319-5940).

DEPARTMENT OF INFORMATION TECHNOLOGY

L. Viji, 'Privacy and Security Ensured Rule Mining under Partitioned Databases', International Journal of Intellectual Advancements and Research in Engineering Computations (IJAREC), Vol.5, Issue-1, pg 835 - 841, March 2017.

Dr. S. Jabeen Begum, 'A Cost Effective Energy Efficient Pointer Gossip Trade-off Scheduling Algorithm for Multi-Tenant Data Centres in Cloud Computing', International Journal of Advanced Science and Engineering Research, Vol: 2, Issue: 2, pg 316 - 336, June 2017.

Dr. S. Jabeen Begum, 'An Energy efficient hierarchical Service Level Agreement Resource Management Technique for cloud data center with Power consumption', International Journal of Advanced Science and Engineering Research, Vol: 2, Issue: 2, pg 252 - 300, June 2017.

Dr. P.M. Arun Kumar, 'Dengue Disease Prediction using Decision Tree and Support Vector Machine', SSRG International Journal of Computer Science and Engineering- (ICET'17), Special Issue, pg 60 - 63, Mar 2017.

S. Kiruba, 'Brain Tumor Detection using K-Means Clustering Algorithm', SSRG International Journal of Computer Science and Engineering- (ICET'17), Special Issue, pg 10-13, Mar 2017.

D. Lavanya, 'A Novel Secure Multi-Keyword Ranked Search for Multi Data Owners in Cloud Computing', SSRG International Journal of Computer Science and Engineering- (ICET'17), Special Issue, pg 6 - 9, March 2017.

M. Kavitha, 'Weight Adaptive Clustering Algorithm for WSN', SSRG International Journal of Computer Science and Engineering- (ICET'17), Special Issue, pg 55 - 59, Mar 2017.

R. Menaka, 'Transmitting Reliability Using Eesor in Wireless Network', SSRG International Journal of Computer Science and Engineering- (ICET'17), Special Issue, pg 52-54, Mar 2017.

L. Viji, 'A Survey on Algorithm Design Techniques', IJSART, Vol. 3 Issue 5, pg 71 - 77, May 2017.

Dr. G. Rajeshkumar, 'An Energy Aware Trust Based Intrusion Detection System with Adaptive Acknowledgement for Wireless Sensor Network', Wireless Personal Communications, Vol. 94 Issue 9, pg 1993 - 2007, June 2017.

V. Leela, 'Frequent Pattern Subgraph Mining using Combinatorial Approximation', International Journal of Advanced Science and Engineering Research, Vol: 2, Issue: 2, pg 211-215, June 2017.

T. Nithya, 'Association Rule Mining with Frequent ItemSet', International Journal of Advanced Science and Engineering Research, Vol: 2, Issue: 2, pg 411-414, June 2017.

S. Subathra, 'Outlier Detection in Breast Cancer', International Journal of Advanced Science and Engineering Research, Vol: 2, Issue: 2, pg 378 - 386, June 2017.

DEPARTMENT OF MECHANICAL ENGINEERING

S. Arunkumar, et al., 'Synergy of Cashew Nut Shell Filler on Tribological Behaviors of Natural-Fiber-Reinforced Epoxy Composite', Science and Engineering of Composite Materials, DOI10.1515/secm-2016-0243. (Online Publication).

DEPARTMENT OF MANAGEMENT STUDIES

Dr. T.Vetrivel, 'A Study on The Attrition Behaviour of Sales force Employees with Special Reference to Selected Private Life Insurance Companies in Chennai City', Star Research Journal, Vol.No:5, Issue No:5 (1) pp.1-7, May 2017.

Dr. T.Vetrivel, 'Human Resource Practices in Employees Motivation with Special Reference to Garments Industries in Southern Chennai Region', Journal of Computational and Theoretical Nano Science, Vol.No:14, Issue No:3, pp.1-9, May 2017.

Dr. T.Vetrivel, 'Conceptual Paper on Workforce Attrition: Causes, Consequences and Prevention', Star Research Journal, Vol.No:5, Issue No:5 (2) pp.8-14, May 2017.

BOOK PUBLICATION

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr. L.M. Palanivelu, N. Jayanthi & Dr. S.Sadesh, have written a book on 'Knowledge Management', published by Charulatha Publications. This book has the compilation of the required details covering the syllabus of B.E Computer Science and Engineering of Anna University, Chennai and Semester VIII- Elective of Regulation 2013 with a question bank.

Dr. L.M.Palanivelu, N.Jayanthi & Dr.S.Sadesh, have written a book on 'Information Retrieval', published by Charulatha Publications with ISBN No: 978-93-86532-08-4. This book is a useful handout with required details from all references covering the syllabus of B.E CSE of Anna University, Chennai and Semester VII of Regulation 2013 with a question bank.

AWARD OF PhDs

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.S.K.Manikandan, got his UG in Periyar University, 2003. He received his PG at SASTRA University, Tanjore, 2006. He has completed his Doctor of Philosophy at Anna University, Chennai, 2017. He has published many research papers in various National and International Journals and presented papers in Conferences. He has 10 years of teaching experience and his PhD Thesis was highly commented by both Indian and Foreign Reviewers. His interested areas are Digital Systems, Embedded Networking, Embedded Design Life Cycle (EDLC), Vedic Multiplications and Multiplier Design.



DEPARTMENT OF INFORMATION TECHNOLOGY



G.Rajeshkumar received B.E (Information Technology) from Periyar University, Salem, 2003 and M.E (Computer Science & Engineering) from Anna University, Chennai, 2009. He was awarded Ph.D by Anna University, Chennai, 2017. His areas of interests are Wireless Communication, Computer Networking and Security Systems. He is a life-time Member in the ISTE. He has published four research papers in various referred International Journals and presented six research papers in National and International Conferences.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

P.Brindha, completed her Under Graduation in Electronics and Communication Engineering at Erode Sengunthar Engineering College, Thudupathi, Erode and got her Post Graduation in VLSI Design at K.S.R College of Technology (Autonomous), Thiruchengode. She has completed her Doctoral degree from Anna University, Chennai, on 1st March 2017. Her areas of interest includes VLSI Design, Microprocessor and Microcontroller based design and Testing of VLSI Circuits. She has published many papers in the National and International Journals and presented papers in various Conferences. She has 9 years of teaching experience. She is also going to publish a book titled Advanced Microprocessor and Microcontroller.



DEPARTMENT OF SCIENCE AND HUMANITIES-MATHS



K.Rathi has 11 years of teaching experience and 5 years of research experience. Her interested research areas are Fuzzy Number and its Applications and Fuzzy Group Decision Making Process. She was honoured with Best Teacher Award in 2009, 2014 and 2015. She is a life time member in ISTE, New Delhi. She has organized a seven-day Anna University, Chennai, sponsored FDTP on Probability and Random Processes during December 2014. She has published 10 papers in peer reviewed International Journals and also has presented 11 papers in National Seminars and Conferences.

AWARDS / RECOGNITIONS

- Dr. L.M. Palanivelu**, Dean, Placement and HOD/CSE was awarded the National Level 'Best Administrator Award' by Dr.Kalam Educational Trust, organized by DRDO, Chennai.
- Dr. L.M. Palanivelu**, Dean, Placement and HOD/CSE was awarded for his excellent contribution during the 'Interaction Program' as part of Dr.Kalam Educational Trust, National level award selection procedure.



PATENT RECOGNISED

Dr.S.K.Manikandan, AP (Sr.Gr)/EEE has filed for Patent Right in IPR and it was published on 09.06.2017 for the design of 'Architecture to Develop Multipliers for High Speed Computing Application', application number: 201741019281A.

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