



Velalar College of Engineering and Technology

(An Autonomous Institution Affiliated to Anna University)

Accredited by NAAC with 'A' Grade & Accredited by NBA

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MESSAGE FROM THE PRINCIPAL

I feel honoured and privileged in documenting the achievements of the first half of the academic year 2017-18.

The integrated brainwork of every department has made possible the accomplishments towards every set target. The role of learning community in utilizing the wide spread knowledge and technological advancements would make them scale great heights in their life. Their focused sense and adaptability to any situation in all aspects have proved the mettle. The determined teaching fraternity is much interested in facilitating education and empowering students with human values which definitely will contribute in a large scale for the development of the country.

I wish you great success in the forthcoming year 2018.



DEPARTMENT OF BIOMEDICAL ENGINEERING



NATIONAL LEVEL SEMINAR : The Students Association of BME 'BIONIKX' and Biomedical Engineering Society of India (BMESI) jointly organized a National Level Seminar on 10.10.2017. Dr.V.R.Vijayakumar, Associate Professor and Head, Department of ECE, Anna University, Regional Campus,

Coimbatore was the Chief Guest and also delivered a lecture on 'Medical Image Processing & Analysis'. Dr.M. Jayaraman, Principal, Prof. P. Jayachandar, Dean (Student Affairs), Prof.L.Peter Stanley Bebington Dean(Academics), felicitated the gathering. Dr.S. Mangai, HoD/BME, welcomed the gathering.

FACULTY DEVELOPMENT TRAINING PROGRAMME (FDTP) :

The Department of Biomedical Engineering in association with Biomedical Engineering Society of

India (BMESI) organized a three day FDTP on 'LabView for Biomedical Applications' from 15.11.2017 to 17.11.2017. Dr.M.Jayaraman, Principal inaugurated the FDTP in the presence of Prof.L.Peter Stanley Bebington, Dean (Academics) Prof.P.Jayachandar, Dean (StudentAffairs), Dr.S.Mangai, HOD/BME, felicitated the gathering. Around 25 faculty members participated and got benefitted.



VALUE ADDED COURSES:

* A three day Value Added Course was conducted on 'Basics of Biomedical Signal Acquisition and Analysis using LABVIEW' for the Final Year students.

* A two day Value Added Course was conducted on 'Introduction to MATLAB' for the third year students.

GRANTS RECEIVED:

• The Department of Biomedical Engineering received an amount of Rs.40,000/- from Indian Council of Medical Research (ICMR),New Delhi for organizing a seminar on 'Advanced Biomaterials Applied in Periodontal Disease Management' .

• The Department of Biomedical Engineering received an amount of Rs. 3,00,000/- from All India Council for Technical Education (AICTE) ,New Delhi under Modernization and Removal of Obsolescence Scheme (MODROBS) for Modernization of Biomedical Instrumentation Laboratory .

STUDENTS ACTIVITIES: The following students of Biomedical Engineering participated in the various Technical events at Sengunthar College of Engineering, Tiruchengode on 06.10.17 and 07.10.17.

- K.P. Amarnath, IV BME presented paper and won the Second prize.
- V.S. Kavin of II BME 'Photography' and won the Second prize.
- K.P. Amarnath of IV BME 'Photography' and won the First prize.
- C. Yasodha and S. Navinkumar of II BME in ADZAP and won the First and Second prize.
- M. Kiruthika of II BME in Technical Engineering and won the First prize.

DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP: A one day workshop on 'Field Surveying using Modern Equipment' was organized on 15th December, 2017. Thirty seven external faculty members, Industrialists and students from various reputed institutions attended the programme. The resource persons of the programme were Dr.S.Vasantha Kumar, Associate Professor, School of Civil and Chemical Engineering, VIT University, Vellore and Mr.K.V. Ravikumar, Application Manager, Infycons Creative Software, Bengaluru. Dr.E.Ravi Prof & Head, Mr.C.Karthik, Associate Professor and Mr.S.Suresh, AP(Sr.Gr.) were the coordinators for this programme.

STUDENTS ACTIVITIES

IN PLANT TRAINING: Twenty Three students from second year (Batch: 2016-2020) underwent an In-Plant Training for a period of 10 to 12 days in construction companies viz.M/s Banyan Builders, M/s Lotus Construction, M/s RPP Construction, M/s Siva Construction, M/s URC Construction, M/s Baskar Associates and M/s SRV Construction at Erode, Tiruppur, Salem and Coimbatore.

S.No.	Details of Testing/Consultancy	Laboratory	Faculty In-Charge (VCET)
1	Consultancy in Geotechnical Investigation and testing of soil samples	Soil Mechanics Lab	Dr.E.Ravi, Prof. & Head, and Mr.C.Karthik, Asso. Prof.,
2.	Testing of concrete cubes and bricks	Concrete Lab	Dr.E.Ravi, Prof. & Head, and Ms.A.Anitha, Asst. Prof.,
3.	Surveying	Survey Lab	Dr.E.Ravi, Prof. & Head, and Mr.S.Suresh, Asst. Prof.,
Total Income Generated = 65,000/- (Sixty Five thousand only)			

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

GUEST LECTURE: The Association of Computer Science and Engineering- MAGNUMOPUS conducted a Guest Lecture on 'Cryptography and Network Security' on 20.10.2017. Dr.S.Jabeen Begum, Professor & Head, Department of Information Technology, Velalar College of Engineering & Technology, Thindal was the resource person.

FACULTY DEVELOPMENT PROGRAMM: A two day Faculty Development Programme on 'Artificial Intelligence' was organized by Computer Science and Engineering on 04.12.2017 & 05.12.2017.Dr.R.Devi Priya, ASP/IT and Dr.R.Manjula Devi, ASP/CSE, Kongu Engineering College, Perundurai & Ms.C.Selvi, ASP/CSE and Dr.S.Jabeen Begum ,HoD/IT, Velalar College of Engg. & Tech. were the resource persons. Around 20 faculty members from colleges all over Tamilnadu participated in this FDP.



SEMINAR: A seminar on "Career Development Programme" was conducted on 03.10.2017. Mr. Thiyagarajan, Director, Erode, was the resource person.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SEMINAR : A one day seminar on 'Recent Environmental Issues and Protection Acts' was conducted on 12.10.2017. Mrs. H.D. Varalaxmi, Senior Environmental Engineer, Central Pollution Control Board, Regional Directorate, Bengaluru was the resource person. Second year ECE students got benefitted from the program.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NATIONAL LEVEL SEMINAR : A Two day National Level Seminar on 'Energy Management and Energy Audit' was conducted on 17.11.17 & 18.11.17. Er.S. Ashok, (BEE Accredited Energy Auditor) inaugurated the seminar. Dr.M.Jayaraman, Principal & Prof.P. Jayachandar, Dean(SA). Felicitated the gathering. Dr.P.Sakthivel, HOD/EEE welcomed the gathering. Totally 70 faculty members got benefitted, among them 33 members were from other Institutions. Dr.A.S.Kandasamy, (Rtd. Advisor, State Electricity Regulatory Commission, Tamil Nadu) Professor/Emeritus, Paavai Institutions, Namakkal delivered the valedictory address.



FACULTY DEVELOPMENT AND TRAINING PROGRAMME : A seven day Anna University approved Faculty Development and Training Programme on 'EE6602 – Embedded Systems' was conducted from 08.12.17 to 15.12.17. Dr.C.Gowrishankar ASP/EEE, KSRCE, inaugurated and shared a session. Dr.M.Jayaraman, Principal, & Prof.P.Jayachandar, Dean(SA) felicitated the gathering. Dr.P. Sakthivel, HoD/EEE, welcomed the gathering. Totally 25 faculty members got benefitted, among them 20 members from other Institutions. Dr.R. Mohanasundaram, Prof/SOC, VIT University, delivered the valedictory address.

DEPARTMENT OF MECHANICAL ENGINEERING

ASSOCIATION INAUGURATION & GUEST LECTURE: The activities of the Students' Association of Mechanical Engineering 'FAME' for the academic year 2017-18 were inaugurated on 07.07.17. Mr. P. Prabhakaran, Design Engineer, Caterpillar India Pvt., Ltd., Chennai, was the Chief Guest and delivered a lecture on 'Design Practices in Industries'. In his lecture, he explained the design integration of heavy trucks, concurrent engineering and product life cycle management. Dr.M. Jayaraman, Principal, presided over the function. Prof.L. Peter Stanley Bebington, Dean (Academics), Prof. P. Jayachandar, Dean (SA), & Dr. R.Kumaravelan, HoD/ MECH, felicitated the gathering.

STUDENT ACTIVITIES

1. S. Kavipriya & M. Manjuladevi of Final Year presented a paper on 'Free Piston Linear Generator' at Hindustan Institute of Technology on 21.09.17
2. S. Kavipriya & M. Manjuladevi of Final Year won the second prize in project presentation held at Hindustan Institute of Technology on 21st September, 2017.
3. S.Sandhiya & M.Manjuladevi of Final Year presented a paper on 'Free Piston Linear Generator' at Sengunthar Engineering College on 22nd and 23rd September, 2017.
4. S.Monika & T.V.Pireiyanka of Third Year presented a paper and won the second prize at Dr.N.G.P Institute of Technology on 23rd September, 2017.
5. M.Ajay Dev, P.Karthikeyan, S.Dhinesh Kumar and M.Irfan of Second Year presented a paper at Bannari Amman Institute of Technology from 07th to 09th August, 2017

STUDENTS EVENT PARTICIPATION:

64 Students of Mechanical Engineering participated in various Technical events like Workshop, Seminar, Paper Presentation, Quize, CAD Modeling and other programmes.

PLACEMENT ACTIVITIES:

- Thirteen Students got placed in AQUASUB INDUSTRIES, Coimbatore.
- Two Students got placed in MILEKAL Pvt. Ltd., Hyderabad.
- One student got placed in TEAM DETAILING SOLUTIONS Pvt. Ltd. Chennai.
- Four Students got placed in M/S SRI KRISHNA INDUSTRIES, Perundurai.

DEPARTMENT OF COMPUTER APPLICATIONS

ASSOCIATION ACTIVITIES: Student technical Symposium ARTIFEX'17 was organized on 6.10.2017 Mr.D.P.Kumar Managing Director-City Car Decors, Baby World, Lotus TVS & TEXValley inaugurated the session and various events were organized. Around 300 students participated in various events and won attractive cash prizes.



DEPARTMENT OF MANAGEMENT STUDIES



TECHNICAL SYMPOSIUM: The Department of Management Studies and Computer Applications jointly organized a National Level Technical Symposium on 06.10.2017. Shri.D.P.Kumar, Managing Director, City Car Decors & Baby World and Director, Lotus TVS & Texvalley Market Limited, Erode was the Chief Guest. Thiru.S.D. Chandrasekar, Secretary and Correspondent, Vellalar Educational Trust felicitated the gathering. More than 300 Students from various Engineering, Arts & Science Colleges participated. Various events were conducted on that day.

PLACEMENT TRAINING: The II year MBA students were offered a one week placement training program from 09.10.2017 to 14.10.2017. Trainer from Face Academy, Coimbatore trained the students on Communication and Presentation skills, Interview skills, Team building and Attitude with various real life examples and activities.



WORKSHOP: The Department of Management Studies organized a workshop on 'Personality Development' for both the first and second year Management Students on 24.10.2017 and 25.10.2017. Trainers Mr.E.L.Praveen Kirubakaran and Shabana from E-Square Training Consultants, Chennai conducted a two day training program. The students were trained on Communication Skills, Attitude and Team Building.

INDUSTRIAL VISITS:

- Second Year students of MBA underwent an industrial visit to Ace Components & AnubhavUdyog, Mysore on 27.10.2017 & 28.10.2017.
- First year Students of MBA underwent an industrial visit to Roots Industries Private Ltd, Coimbatore on 10.11.2017.

AICTE SPONSORED – 14 DAYS FDP: A fourteen day Faculty Development Program on 'Contemporary Issues on Effective Teaching in Management Sciences' was conducted from 28.11.2017 to 11.12.2017). Dr.K.Chitra, Principal, Sri Ramakrishna College of Arts and Science for Women, Coimbatore was the Inaugural Chief Guest, followed by several eminent persons accomplished the other sessions. Mr.N.Sampathkumar, DGM Training & Career Advancement, Roots Industries India Limited, delivered the valedictory address, Coimbatore. Faculty members from various institutions participated in the FDP.



GUEST LECTURE : A One Day Guest Lecture was conducted on 'Legal Aspect of Business'on 30.11.2017. Mr.Vivek, Leading Advocate addressed the first year MBA students on the subject.

Dr.M.V.Subha, Associate Professor, Anna University Regional Centre, Coimbatore addressed the first year MBA students on 05.12.2017 and gave a motivational talk. She insisted on the importance of time and how to effectively manage time in day to day life.

DEPARTMENT OF ENGLISH

REFRESHER COURSE: The Department of English organized a 12-day Refresher course on 'Enhancing English Fluency through Mass Media Utilization' for the first year B.E/B.Tech students from 09/10/17 to 20/10/17. The course is aimed at enriching the English language proficiency of the students. The students who enrolled for the course felt highly benefitted from the interactive and participatory sessions. Dr. M. Jayaraman, Principal, presided over the function and distributed the certificates to the students. Prof. L. Peter Stanley Bebington, Dean (A), Prof. P. Jayachandar, Dean (SA) and Dr. M. Eswaramurthi felicitated the gathering.

INAUGURATION OF ENGLISH LITERARY ASSOCIATION AND TOASTMASTERS CLUB ACTIVITIES: The Department of English inaugurated the English Literary Association and the Toastmasters Club for the academic year 2017-18 on 22.09.2017 (Friday). Thiru. S. D. Chandrasekar, Secretary and Correspondent, Vellalar Group of Institutions presided over the function. In his presidential address, he emphasized the importance of communication skills in day today life. Dr.M. Jayaraman, Principal, in his felicitation speech insisted on the effective use of verbal and non-verbal communication, the potentiality to hold the globe in one's own hand and also highlighted the students about the various methodologies to master the language. Prof. L. Peter Stanley Bebington-Dean/Academics, Prof. D. Jayachandar- Dean (SA) and Dr. M. Eswaramurthi-HoD/S&H felicitated the gathering. Selvi M. Priyanka of II Mech. proposed the vote of thanks.

DEPARTMENT OF SCIENCE & HUMANITIES

SCIENCE CLUB: Science Club "PHENMAC" of Science & Humanities department conducted Quiz Competition and paper presentation under various topics for all the I year B.E./B.Tech. Students on 21st & 22nd November 2017 and prizes were distributed to the winners.

GREEN CLUB



TRAFFIC AWARENESS PROGRAMME: Green Club of VCET, YRC, RRC and Rotaract Club of VCET jointly organised an Traffic Awareness Programme on 30.11.2017. Mr.A.Sekar,DSP (Traffic), Erode District was the Chief Guest and delivered a special address on road safety. Dr.M.Jayaraman, Principal, VCET, Prof.P.Jayachandar, Dean (Student Affairs), Prof.L.Peter Stanley Bebington, Dean (Academic) participated in this programme. 300 first year students were benefitted by this programme.

YOUTH RED CROSS

SCHOOL STUDENTS SCIENCE AWARENESS PROGRAMME: YRC of our college has conducted an science awareness programme for school students of 9th and 10th Sengodampalyam Government High school on 24.11.2018. Nearly 50 school students participated in this programme. Mr.K.Manikandan, Assoc.Prof/Chemistry (YRC coordinator), Dr.N.Thangaraj, Assoc.prof/Physics and Dr.K.Rathi, Assoc.Prof/Maths conducted this programme. Dr.M.Jayaraman, Pincipal –VCET, Dr.M.Eswaramurthi, HoD/S&H. participated in this programme .



NATIONAL CADET CROP:



TRECKING CAMP: A Trekking Camp to Bargur Hills was arranged to improve the self confidence and create awareness about forest on October 5th 2017 to the National Cadet Corps Volunteers .

THINGS DISTRIBUTION IN TRIBAL AREA: National Cadet Corps Volunteers distributed the valuable things to the students of Panchayat Union Middle School, Thalakkurai and the tribal people of Thalakkurai on October 5th 2017



BLOOD DONATION CAMP: A blood donation camp was conducted at Vellalar College for Women on 14.10.2017 and at Chikkaiah Naicker College on 26.11.2017

FIRING CAMP: National Cadet Corps volunteers participated in firing selection camp at Kongu Engineering College from 6.12.2017 to 8.12.2017 and also participated in the final selection on 14.12.2017



SWACHH BHARAT: National Cadet Corps volunteers conducted 'CLEAN INDIA MISSION' in and around Thindal on 8.12.2017

WORKSHOP/SEMINAR/FACULTY ENABLEMENT PROGRAMME

DEPARTMENT OF CIVIL ENGINEERING

Dr.E.Ravi Prof & Head attended a Two Day National Level Seminar on 'Energy Management and Energy Audit' on 17.11.2017 to 18.11.2017 at VCET.

Dr.E.Ravi Prof & Head attended a Seminar on 'Higher Education Conclave' on the Theme 'Transformation in Higher Education' 01.12.2017 to 02.12.2017 at Le Meridian, Coimbatore

Dr.E.Ravi Prof & Head, **C.Karthik**, **D.Sakthivel**, **S.Suresh**, and **Mr.C.Pranesh**, attended AICTE sponsored FDP on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28th Nov 2017 to 11th Dec 2017 at VCET.

Mr.S.C.SarathKumar AP successfully completed the NPTEL Online Course on 'Design of Reinforced Concrete Structures with "Elite" tag.

Mr.C.Karthik AP successfully completed the NPTEL Online Course on 'Design of Steel Structures' with "Elite& Topper" tag.

DEPARTMENT OF MECHANICAL ENGINEERING

All the faculty members in the Department attended a two day National Level Seminar on 'Energy Management and Energy Audit' on 17.11.2017 to 18.11.2017.

Mr. D. Senthilkumar and **Ms. Y. Anusuya**, AP/Mech. attended a ten day FDTP on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28.11.2017 to 11.12.2017

Dr.M.Jayaraman, Principal, and **Dr.R.Kumaravelan**, HoD/MECH, attended a programme on National Higher Education Conclave 'Transformation in Higher Education' at Hotel Le Meridien, Coimbatore on 01.12.2017 to 02.12.2017.

M.Gokul, **S.Arunkumar** & **V.Mohankumar**, attended a seminar on 'Improvement of Groundwater Management System in Erode District' on 10.08.2017 & 11.08.2017 at VCET.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Dr.V.Latha Jothi, **Ms.C.Selvi**, **Ms.S.Kayalvili**, **Dr.S.Sadesh** and **Ms.T.Dhanur Bavidhira** attended an AICTE sponsored Faculty Development Programme on 'Deep Learning and its Applications in Machine Vision and Robotics' organized by Department of CSE from 13.11.17 to 26.11.17 at Nandha Engineering College, Erode.

Ms.C.Selvi, **Ms.C.Kotteswari** and **Ms.K.Mohanapriya** participated in the Faculty Development Programme on 'Introduction to R- programming' organized by ICT Academy at Sasurie College of Engineering on 26.12.17 & 27.12.17.

Ms.K.Vijaya & **Mr.P.Sukumar** attended an ICMR sponsored National Level Workshop on 'Deep Learning in Health care Informatics and Models' organized by Department of CSE from 22.12.17 to 23.12.17 at BIT, Sathay.

Ms.M.Mohanasundari, **Ms.K.Vijaya** and **Ms.P.Nancy** attended an ICMR sponsored National Level Seminar on 'A Multi-disciplinary activity in Wireless Sensor Network regarding Structural Health Monitoring' at Francis Xavier Engineering College on 27.11.17 & 28.11.17.

Ms.N.Jayanthi, **Ms.S.Kayalvili**, **Ms.R.Kavitha**, **Ms.M.Mohanasundari**, **Ms.K.Vijaya**, **Ms.C.Kotteswari**, **Ms.K.Mohanapriya**, **Mr.P.Sukumar**, **Ms.T.Dhanur Bavidhira** participated in the Faculty Development Programme on 'Artificial Intelligence' 'at Velalar College of Engineering and Technology, Erode on 04.12.17 & 05.12.17.

Ms.P.Suganthi Malarvizhi, **Ms.R.Kavitha**, **Ms.M.Mohanasundari**, **Ms.K.Mohanapriya** and **Ms.T.Dhanur**

Bavidhira participated in the Faculty Development Programme on 'Embedded Systems' 'at Velalar College of Engineering and Technology, Erode from 08.12.17 to 15.12.17.

Dr.S.Sadesh & **Ms.C.Kotteswari** attended an AICTE sponsored Faculty Development Programme on 'Contemporary Issues on Effective Teaching in Management Sciences' at Velalar College of Engineering and Technology, Erode from 28.11.17 to 11.12.17.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr.K.Venkatachalam, Professor & Head and **Ms.S.Pavithra**, AP (Sr.Gr) attended a Twelve Day AICTE Sponsored FDP on 'Engineering Challenges for Smart & Digital India: Internet of Things (IoT) and Applications' at KSR College of Engineering and Technology from 20.11.17 to 01.12.17.

Mr.M. Vijayan, AP, **Ms.M. Parimaladevi**, AP (Sr.Gr) and **Dr.P. Brindha**, AP (Sl.Gr.) attended a Seven day Anna University Sponsored FDP on 'Embedded Systems' from 08.12.17 to 15.12.17.

Ms.R.Premalatha, AP(Sr.Gr) & **Mr.K.K.Pradeep**, Asst. Professor attended a two week FDP on 'Contemporary Issues on Effective Teaching in Management Sciences' at Velalar College of Engineering and Technology from 28.11.17 to 11.12.17.

Ms.T.Sathya, AP attended a Seven day Anna University Sponsored FDP on 'Electronic Circuits-II' at Excel Engineering College from 04.12.17 to 10.12.17.

Ms.P.Nandhini and **Ms.M.Rathika**, AP attended a seven day Anna University Sponsored FDP on 'VLSI DESIGN' at Excel Engineering College from 06.12.17 to 13.12.17.

Ms.S.Pavithra, **Ms.R.Premalatha**, **Ms.T.Sathya**, **Ms.P.Nandhini**, **Ms.M.Rathika**, **Ms.L.Revati** & **Mr.K.K.Pradeep**, AP attended a Societal Awareness Programme on 'Cardio Vascular Disease- Symptoms and Remedial Features' at Nandha Engineering College, Erode on 07.10.17.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Mr.J. Senthilnath, **Mr.S. Hariprasath** and **Mr.S. Ashwanth**, AP/EEE participated in the AICTE sponsored National Level Seminar 'Challenge and Opportunities in IOT based stand alone and Interactive Micro Grid System' at KSRCT from 01.11.17 to 03.11.17.

DEPARTMENT OF INFORMATION TECHNOLOGY

Dr. S. Jabeen Begum, Professor & Head, **Ms.R. Mynavathi**, AP(Sl.Gr.) and **Ms.T.Nithya**, AP(Sr.Gr.) attended a two week AICTE sponsored faculty development programme on 'Deep Learning and its Applications in Machine Vision and Robotics' from 13.11.2017 to 26.11.2017 at Nandha Engineering College, Erode.

C.Aarthi, AP (Sr.Gr.) attended a seven day Anna University approved FDTP on 'EE6602-Embedded Systems' from 08.12.2017 to 15.12.2017 at VCET.

Dr. S. Jabeen Begum, Professor & Head, **Mr.A.Saravanan**, AP(Sl.Gr.), **Ms.V.Leela**, AP(Sr.Gr.), **Ms.R.Maheshwari**, AP(Sr.Gr.), **Ms.P.Sathyavathy**, AP(Sr.Gr.) and **Ms.C.Aarthi**, AP(Sr.Gr.) attended a two day faculty development programme on 'Effective Communication Skills' on 21.11.2017 and 22.11.2017 at VCET.

Dr.G. Rajeshkumar, Professor, **Ms.P.M.Arun Kumar**, Professor, **Ms.M.Shanthamani**, AP(Sl.Gr.), **Ms.T.Nithya**, AP(Sr.Gr.) and **Ms.C.Aarthi**, AP(Sr.Gr.) attended a two day faculty

development programme on 'Artificial Intelligence' on 04.12.2017 and 05.12.2017 at VCET.

C.Aarathi, AP(Sr.Gr.) attended a two day ICMR sponsored National Seminar on 'A Multi-Disciplinary Activity in Wireless Sensor Network Regarding Structural Health Monitoring' at Francis Xavier Engineering College, Tirunelveli on 27.11.2017 & 28.11.2017.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T.Vetrivel, received a fund Rs.6,14,225/- from AICTE for conducting FDP and it was conducted on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28.11.2017 to 11.12.2017.

Mrs. D.Aarathi, attended a Faculty Development Excellence Series on 'Virtual Training' on 08.11.2017 & 06.12.2017

DEPARTMENT OF COMPUTER APPLICATIONS

Ms.T.K.Kartheeswari attended Anna University sponsored seven days FDTP on 'Embedded Systems' from 8.12.2017 to 15.12.2017 organized by the Department of Electrical and Electronics Engineering, VCET.

Dr.P.Navaneetham attended a two week AICTE Sponsored Faculty Development Programme on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28.11.2017 to 11.12.2017 organized by the Department of Management Studies, VCET.

Dr.K.R.Ananth attended a two week AICTE Sponsored Faculty Development Programme on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28.11.2017 to 11.12.2017 organized by the Department of Management Studies, VCET.

Mr.P.Rajendran attended a two week AICTE Sponsored Faculty Development Programme on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28.11.2017 to 11.12.2017 organized by the Department of Management Studies, VCET.

Mr.K.Tharani attended a two week AICTE Sponsored Faculty Development Programme on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28.11.2017 to 11.12.2017 organized by the Department of Management Studies, VCET.

DEPARTMENT OF MATHEMATICS

All the faculty members in the Department of Mathematics attended a two week AICTE Sponsored Faculty Development Programme on 'Contemporary Issues on Effective Teaching in Management Sciences' from 28.11.2017 to 11.12.2017 organized by the department of Management Studies, VCET.

DEPARTMENT OF PHYSICS

Dr.N. Thangaraj coordinated science village event 'Indian International Science Festival – 2017', held from 13th to 16th October, 2017, at Anna University, Chennai, IS & SR, IITM, CLRI, SERC, NIOT, TNSTC.

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

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. R. Kumaravelan, HoD/MECH, delivered a special Lecture on 'Dynamics of Particles' in the Faculty Development Training Programme 'GE8292 Engineering Mechanics' at University College of Engineering, Nagercoil on 22.12.2017

DEPARTMENT OF CIVIL ENGINEERING

Dr.E.Ravi, Professor & Head delivered a lecture on 'Permeability of Soil and Effective Stress' for the Anna University sponsored FDP on CE 6405 Soil Mechanics at Builders Engineering College, Kangeyam on 06th Dec 2017.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.V.Latha Jothi, **Ms.S.Kayalvili** and **Ms.M.Mohanasundari** was the resource person for the Value Added Course on 'Introduction to Big Data and working with Weka Tool' at VCET, Erode from 21.12.17 to 22.12.17.

Ms.N.Jayanthi was a resource person on in the Anna University sponsored Faculty Development Programme titled 'Embedded Systems' at VCET, Erode on 13.12.2017.

Ms.C.Selvi and **Dr.S.Sadesh** was a coordinator and resource person for the Faculty Development Programme 'Artificial Intelligence' at VCET, from 04.12.17 to 05.12.17.

Ms.S.Kayalvili and **Mr.P.Sukumar** was the resource person for the Value Added Course 'Python Programming' at VCET from 26.12.17 to 29.12.17.

Mr.S.Karthikeyan, Chief System Admin., **Mr.M.N.Kathirvel**, Sr. System Admin, **Mr.S.Karthikeyan**, System Admin and **Ms.G.Suganthini** Lab. were the resource persons for the Value Added Course 'PC Hardware and Troubleshooting' at VCET from 19.12.17 & 20.12.17.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.Rajan, **K.Kavitha** & **G.Boopathi Raja**, attended and presented a paper on 'Zone Routing Protocol in MANETS with optimized Cache memorizer in the International Conference 'Chip, Circuitry, Current, Coding, Combustion & Composites (i7C-2017)' at Sri Sairam College of Engineering, Bengaluru, on 17.11.17.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

K.Rajaram, **Mr.J.Senthilnath**, **Ms.S.Yamuna**, **Ms.D.Sasipreetha**, **Ms.C.Radhika** **Mr.S.Mohan** and **Ms.M.Chitra** participated in a two day seminar 'Energy management and energy audit' at VCET on 17.11.17 & 18.11.17.

Mr.S.Saravanan, AP/EEE attended an FDTP 'Smart power grid Technologies' at Government College of Technology from 17.11.17 to 30.11.17.

Dr.P.Sakthivel, **Mr.K.Rajaram**, **Mr.S.Hariprasath**, **Mr.D.Rajkumar**, **Mr.C.Gokul**, **Mr.P.Rajasekaran**, **Mr.K.Vanchinathan**, **Ms.R.Madhumitha** and **Ms.M.Chitra** participated in an FDTP 'Computational Energy Management in Smart Grid' at Vivekananda College of Engineering for Women from 20.11.17 to 03.12.17.

Mr. R. Pradeep, attended an FDTP 'Contemporary Issues on Effective Teaching in Management Sciences' at VCET from 28.11.17 to 11.12.17.

Mr. K. Rajaram delivered a lecture on 'Embedded Networking' in a seven day FDTP at VCET on 09.12.17.

Dr. S.K. Manikandan delivered a lecture on 'Networking Protocols' in a seven day FDTP at VCET on 09.12.17.

Mr. S. Mohan, attended an FDTP 'Power System Operation & Control' at MPNMJ College of Engineering from 10.12.17 to 17.12.17.

Mr. S. Saravanan, delivered a lecture on 'Memory Management & Timing Devices' in a seven day FDTP on 11.12.17 at VCET.

Ms.S.Yamuna delivered a lecture on 'CAN & I2C' in a seven day FDTP at VCET on 11.12.17.

Ms.D.Sasipreetha delivered a lecture on 'RS 232 & RS 485' in a seven day FDTP at VCET on 11.12.17

Mr.C.Gokul attended an FDTP on 'BE8253-Basic Electrical, Electronics & Instrumentation Engineering' at Muthayammal

College of Engineering from 11.12.17 to 17.12.17.

Dr. M. Sreedhar delivered a lecture on 'Embedded design life cycle' in a seven day FDTP at VCET on 12.12.17.

Mr.V.Sabarivelu and **Mr.R.Pradeep**, participated in the AICTE sponsored National Level Seminar 'Recent Advancements in Clean Energy Technologies for Energy Needs' at Kongu Engineering College on 15.12.17 to 16.12.17.

DEPARTMENT OF INFORMATION TECHNOLOGY

Dr. S. Jabeen Begum, Professor & Head/ IT was the resource person for the two day Faculty Development Training Programme 'Artificial Intelligence' and handled the topic at VCET on 04.12.17 & 05.12.17.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T.Vetrivel, HoD/MBA, acted a jury in the National Conference on 'Digital India-A managerial perspective' at Jay Sriram School of Management, Tirupur on 14.10.2017.

D.Aarthi, delivered a lecture on 'Lead Thyself and Team Building' at Training Institute, Hasanur. on 01.10.2017 & 02.10.2017

JOURNAL PUBLICATIONS BY THE FACULTY MEMBERS

DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr. S.Mangai, et. al. 'Firefly load balancing based energy optimized routing for multimedia datadelivery in wireless mesh network', Cluster Computing-The Journal of Networks, Software tools and Applications, ISSN 1386-7857,Vol. 16,No.3, December 2017.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.V.Latha Jothi, 'A Survey on Face Recognition Systems', Journal of Research in Science, Technology, Engineering and Management (JoRSTEM), Vol. 3, No. 3, pp. 62-65.

K.MohanaPriya, "Addressing Public Grievances & Scheduling Based On GreedyAlgorithm", International Journal of Research and Advanced Development (IJRAD),Volume 01, Issue 05, pp. 119-122, Dec 2017.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.P. Sakthivel, 'Pipelined direct mapping method based low power VLSI architecture for the 4-tap wavelet filter' Asian Journal of applied science and Technology, Vol:1.,Issue:7., Pg.no:76-79, Aug 2017

DEPARTMENT OF INFORMATION TECHNOLOGY

M. Kavitha and **Dr. B. G. Geetha**, 'An Efficient City Energy Management System with Secure Routing Communication using WSN', Cluster Computing (The Journal of Networks, Software Tools and Applications), ISSN 1386-7857, Nov 17.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T. Vetrivel, 'Impact of GST in Small Scale Business Enterprises with Special reference to Erode District', International Journal of Research Review in Engineering and Management, Vol.1, Issue No:9, pp.104-109, October 2017.

Dr.T. Vetrivel, 'A Study on Conflict Management with Reference to Tamilnadu Govt. Co-operative Milk Producers', International Journal of Research Review in Engineering and Management,

Vol.1, Issue No: 10, pp.82-114, November' 2017.

Dr.T. Vetrivel, 'A Study Impact on Human Resource Climate with Special Reference to Hosur Industries', International Journal of Research Review in Engineering and Management, Vol.1, Issue No: 12, pp.55-70, December' 2017.

N. Balachandran, 'A Study on the Cool Drinking's Production Organizational Culture and its impact on Employee Behavior', International Journal of Research Review in Engineering and Management (IJRREM), Vol.1, Issue-9, pp.36-73, October, 2017.

S. LogeshKumar, 'Role of E-Marketing in today's business scenario', International Journal of Business and Administration Research Review (IJBARR), Vol.1, Issue-20, pp 64-66, Oct-Dec 2017.

DEPARTMENT OF ENGLISH

Ms. B.S. Gomathi, AP(Sl.Gr.)/English, A Study of Vocabulary Learning Using Film as a Media – A Case Study of 'The Under Graduate Engineering Students' in an UGC Approved Journal(No. 63751) Veda's Journal of English Language and Literature[JOELL] Vol 4, Issue 4, 2017 ISSN NO. 2349-9753 pp 111-117.Impact factor of 3.079(SJIF)

BOOK PUBLICATIONS

DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr.S.Mangai and **Ms. B. Pradeepa** published a book 'Basic Electrical and Electronics Engineering' published by Charulatha Publications with ISBN No. 978-93-86532-39-8.. This book covers the syllabus of BEEE of Semester I of VCET autonomous regulation 2016 with a question bank.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.V.Latha Jothi, Professor & Head and **S.N.Sangeetha**, AP(Sr.Gr.) have published a book on 'Software Project Management' by Lakshmi Publications. This book is a useful handout with required details from all references covering the syllabus of B.E CSE, IT, ECE and Mechatronics Engineering of Anna University, Chennai - Regulation 2013 with question bank.

Ms. N.Jayanthi and **Dr.S.Sadesh**, a book 'Knowledge Management' published by Charulatha Publications with ISBN No: 978-81-933409-07-4. This book is a useful handout with required details from all references covering the syllabus of B.E Computer Science and Engineering of Anna University, Chennai and Semester VII of Regulation 2013 with question bank.

AWARDS

NPTEL certificate

DEPARTMENT OF ENGLISH

B.S. Gomathi, AP(Sl.Gr.) has successfully completed the NPTEL On-line course 'History of English Language and Literature' in October, 2017.

V. Suguna, AP(Sr. Gr.) has successfully completed the NPTEL On-line course 'History of English Language and Literature' with Elite tag in October, 2017.

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