



Velalar College of Engineering and Technology

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

Thindal, Erode - 638 012.

NEWSLETTER

INTERNAL QUALITY ASSURANCE CELL (IQAC)

VOLUME 16

JULY TO SEPTEMBER 2016

ISSUE 3

Editorial Board

Chief Patron:

Thiru. S.S. Kandasamy
President / Vellalar Educational Trust

Patron:

Thiru. S.D. Chandrasekar
Secretary & Correspondent

President:

Dr. M. Jayaraman
Principal

Vice Presidents:

Prof. L. Peter Stanley Bebington
Dean (Academics)

Prof. P. Jayachandar
Dean (Student Affairs)

Dr. L.M. Palanivelu
Dean (Placement) & HoD/CSE

Editor-in-Chief:

Dr. P.Navaneetham HoD / MCA

Members:

Dr. S. Mangai, HoD / BME

Dr. K.R. Valluvan, HoD / ECE

Dr. P. Sakthivel, HoD / EEE

Dr. S. Jabeen Begum, HoD / IT

Dr. E. Ravi, HoD / Civil

Dr. R. Kumaravelan, HoD / Mech.

Dr. T. Vetrivel, HoD / MBA

Dr. M. Eswaramurthi, HoD / S&H

Dr. K.R. Ananth, ASP / MCA

Mr. Thomas Mathew Devdan, ASP/English

MESSAGE FROM THE PRINCIPAL

The year 2015-16 was one that saw tremendous leaps and bounds by VCET by way of achieving several note worthy achievements in the academic realms. All the efforts made during this quarter of 2016-17 were to strengthen and reinforce the academic caliber of VCET.

Almost all the Associations of various Departments, not only held their inaugural ceremonies, but also conducted various highly useful seminars and competitions to nurture the talents and skills of the students. Two things become very evident from these: the management and staff of VCET are very eager that all the students who enter the portal of this institution should become socially minded citizens who possess life skills as well as a consciousness of what is happening around them. Secondly, they are keen that the students be equipped with the state-of-the-art technology that the engineering field has to offer through interaction with people from eminent centres of learning.

I wish a successful and purposeful period of study during this academic year.



DEPARTMENT OF BIOMEDICAL ENGINEERING ASSOCIATION INAUGURAL FUNCTION



The Department of Biomedical Engineering organized the inaugural function of 'BIONIKX' – its Departmental Association - for the academic year 2016-17.

Mr. M. Sathish Kumar, ME, Director–India operations, TriMedx India, Bangalore, was the Chief Guest and delivered a lecture on 'Preparation of Industry-ready Biomedical Engineers', in the presence of Principal Dr. M. Jayaraman, Prof. P. Prof. P. Jayachandar – Dean(Student Affairs), Prof. L. Peter Stanley Bebington - Dean(Academics), Prof. Dr. L. M. Palanivelu - Dean(Placement) Dr. S. Mangai - Head of the Department, Departmental Faculty Members and Students.

13th NATIONAL LEVEL TECHNICAL SYMPOSIUM



The 13th National Level Technical Symposium, 'BIOHYPHENZYA-2016' was organized by the Association of BME on 17.09.16. Mr. R. G. Nawin Krishna, Founder and Chief Operation Officer, Mindwiz Techno Solutions, Coimbatore, was the Chief Guest for the Inaugural Function. He motivated the students to take up the idea of "Startup INDIA" and emphasized the need to evolve as entrepreneurs. He presided over the

proceedings in the presence of the Secretary and Correspondent of VCET, Thiru. S. D. Chandrasekar; Principal, Dr. M. Jayaraman; Dean(Academics), Prof. L. Peter Stanley Bebington; Dean(Student Affairs), Prof. P. Jayachandar, Dean(Placement) & HOD/CSE, Dr. L. M. Palanivelu; HOD/BME, Dr. S. Mangai; HOD/ECE, Dr. K. R. Valluvan; HOD/IT, Dr. S. Jabeen Begum; Faculty members, Staff and Students. Around 80 papers were received from students of various Engineering Colleges across the country, and of these, 30 were selected for presentation. Dr. S. Usha, Assistant Professor(Sr. Gr.), Dept. of EEE, Kongu Engineering College, Perundurai, adjudged the papers presented. Other events such as Brain Teaser, Clip Hunt, etc were conducted. 30 students from various engineering colleges participated.

GUEST LECTURE SPONSORED BY IEEE-EMBS

A Guest Lecture on 'Body Sensor Networks' was organized by the department of BME on 05.08.16. Mr. Jaspal Singh, MTech., MBA, (PhD), Principal Engineer and Head(DECAD), C-DAC Mohali, Chandigarh, was the Chief Guest and delivered the guest lecture, in the presence of Dr.M. Jayaraman, Principal/VCET; Dean- Academics, Prof.L.Peter Stanley Bebington; Dean-Student Affairs, Prof. P. Jayachandar; Dean-Placement & HOD/CSE, Dr.L.M.Palanivelu; HOD/BME, Dr. S. Mangai; HOD/EEE, Dr. P. Sakthivel; several faculty members and students.



IEEE – EMBS SPONSORED SEMINAR

IEEE–EMBS Madras Chapter conducted an 'IEEE Students Members' Meet' on 10.09.16 at Club Melaange, Erode. Dr. M. Jayaraman, Principal, VCET, was the Chief Guest. A technically informative lecture on 'Energy Conservation and Its Effects on Environment' was delivered by Prof. Dr. K. R. Valluvan, Head Dept. of ECE/VCET, and Prof. R. Nandha Kumar from the Dept. of ECE/KSRCT, gave an inspirational speech on the topic 'Build Your Positive Thoughts and Human Values'.

SOCIAL ACTIVITY



The 70th Independence Day of our Nation was celebrated by BIONIKX at RMSSI's Tabitha Home, child welfare orphanage situated in Pallapalayam. Staff members and students presented stationery items and sports materials to the children on behalf of BIONIKX.

KNOWLEDGE HUNT

It is a proven fact that innovative teaching techniques elicit better responses from students. In keeping with this modus operandi in the field of information sharing, BIONIKX organized an Intra- Departmental Quiz Program during the months of July and August and the winners were awarded fabulous prizes.

INTERACTION WITH ALUMNI

On 16.08.16, our Alumni Mr. R. Babu, Biomedical Engineer, Ganga Hospital, Coimbatore, and Ms D. Kaviya Nayagi, & Mr. T. Mahesh, Analyst Trainees from Zifo Technologies, Chennai, addressed the Biomedical students regarding the role of Biomedical Engineers in hospitals, the soft skill development for BME and also regarding the methodology to prepare the résumé, preparation for the written test and the group discussion.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ASSOCIATION OF CSE – MAGNUMOPUS INAUGURAL FUNCTION



The Department of Computer Science and Engineering of VCET inaugurated MAGNUMOPUS, the Association of CSE, on 20.07.2016. The function was headed by Mr. V. Sunder, Principal Architect/Director - Engineering, Cisco Systems Inc., Bangalore. He also addressed the gathering, motivating it tangibly. He gave suitable examples for achieving success in varying situations. He also spoke about the 'Internet of Things' and its importance. Thiru. S. D. Chandrasekar, Secretary & Correspondent of Vellalar Educational Trust, presided over the function and spoke about the current scope of IT which in the coming years will be utilised by many more companies. Dr. M. Jayaraman, the Principal, felicitated the gathering. Prof. Dr. L. M. Palanivelu, Dean (Placement) & HOD / CSE, welcomed the gathering and introduced the office bearers. The Secretary of MAGNUMOPUS, Ms M. Aafrin Shenaz, presented the action plan for the Academic Year 2016 - 17. The Treasurer, D. Sripavina of Year-III, proposed the Vote of Thanks on behalf of MAGNUMOPUS.

VALUE ADDED COURSE - PHOTOSHOP

The Department of Computer Science and Engineering organized a One-day, Value Added Course on 'PHOTOSHOP' on 30.07.2016. Mr. G. Saravanan, Managing Director & Media Expert, Antulls Technologies, Erode, handled the sessions. Dr. V. Latha Jothi & Ms S. Kayalvili acted as the Coordinators for this course. Around 40 students of CSE Year-III benefitted from this course.



SEMINAR - MOTIVATION



The Association of Computer Science and Engineering - MAGNUMOPUS, conducted a Motivational seminar on 10.09.2016 (Saturday) at 3:00 pm in Floor II Conference Hall. The Guest of Honour, Mr. S. Shamugavel, Engineering Manager, ADF Data Science Pvt Ltd., Chennai, gave a motivational speech. The UG students of Year-III CSE who attended the seminar benefitted a lot from this lecture.

TECHNICAL SYMPOSIUM – HORIZON 2k16

The 13th National Level Students' Technical Symposium, 'HORIZON 2k16' was conducted on 17.09.2016(Saturday) by the Association of CSE-MAGNUMOPUS. The function was presided over by our Secretary & Correspondent, Thiru. S. D. Chandrasekar. He released the souvenir of HORIZON 2k16. Dean(Academics), Prof. Peter Stanley Bebington; Dean (Student Affairs), Prof. Jayachandar and Dean (Placement) HOD/CSE, Dr.L.M.Palanivelu conveyed their felicitations.

The Guest of Honor was Mr. R. G. Nawin Krishna, Founder & Chief Operations Officer of Mindwiz Techno-Solutions in Coimbatore. He is now an SAP Global Certified consultant in HR module. Various technical and non-technical events were conducted to explore the skills of the students. The prize winning papers were selected by the jury consisting of Ms N. Jayanthi and Dr. N. Shanthi, Professor & Dean/Nandha Engineering College. Cash prizes were awarded to the winners of all the events.



VALUE ADDED COURSE - CORELDRAW AND PHOTOSHOP

The Department of Computer Science and Engineering organized the one day Value Added Course - 'Photoshop' and 'CorelDRAW' on 13. 08. 2016. Ms P. Suganthi Malarvizhi, Asst. Prof. (Sl.Gr.) & Ms M. Shanthamani, Asst. Prof. (Sr. Gr.) coordinated and handled the sessions on the basics of Photoshop. Mr. Kavin Kumar S. and Mr. Anandhan N., Final Year CSE students, handled sessions on Photoshop and CorelDRAW. Around 97 students of Year-II CSE benefited from this course. This course is bound to improve their creativity in image editing and designing skills using Photoshop and learn how to make brochures in CorelDRAW Graphics Suite.

WORKSHOP – Internet Of Things



The Department of Computer Science and Engineering organized a two-day workshop on 'Internet of Things' (IoT) on the 20th and the 21st of August 2016, in association with e-Cell of IIT Bombay and Robokart. Prof. L. Peter Stanley Bebington, Dean(Academics), Prof. Dr. L. M. Palanivelu, Dean(Placement) & HoD/CSE, and Ms. N. Jayanthi, ASP/CSE, coordinated the workshop from the side of VCET. Around 205 students from BME, CSE, ECE and IT branches participated, and every team of 5 members was provided with the IoT kit. This workshop imparted knowledge on developing IoT applications and IoT data analytics with cloud computing.

SOCIAL ACTIVITY

The Association of Computer Science and Engineering - MAGNUMOPUS visited 'The Little Sisters of the Poor'- run Home for the Aged at Thindal on the occasion of the 70th Independence Day - 15. 08. 2016. Students from the second, pre-final and final years visited the inmates and donated grocery items needed for them.

R&D CONSULTANCY:

The Dept. of CSE generated a revenue to the tune of Rs.1,12,000/- from the Project titled 'Automated Order Processing and Sales Management System using IVRS' for GV Inc. Erode. This project was registered for Copyright and Diary Number has been allotted by the Copyright Office, Government of India. [Diary Number: 4892/2016-CO/SW under Computer Software class of work]

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING INAUGURAL FUNCTION

'EMERFLUX', the Association of the Dept. of EEE was inaugurated on 25/07/2016 by Dr. M. Jayaraman, the Principal. Dr. P. Sakthivel, HoD/EEE, welcomed the gathering. The office bearers of EMERFLUX 2016-2017 was introduced by Mr. S. Ashwanth, A.P./EEE and it was followed by a photo session. The proposed association activities for the year were announced by the Student Secretary, Mr. S. K. Thillainesan, from Final Year EEE. The Inaugural Address by the Principal was followed by felicitations by Prof. L. Peter Stanley Bebington, Dean (Academics). At last vote of thanks given by Ms. K.S.Kavitha, from Final EEE.



GUEST LECTURE



On 04/08/2016, EMERFLUX organized a Guest Lecture on the topic 'BODY SENSOR NETWORKS' by Mr. Jaspal Singh, M. Tech., MBA., (PhD)., Principal Engineer & Head(DECDD), CDAC Mohali, Chandigarh, with HoD Dr. P. Sakthivel and HoD/BME, Dr. S. Mangai, extending words of welcome and vote of thanks, respectively.

SOCIAL ACTIVITY

As is usually done every year, EMERFLUX chose to celebrate this year's Independence Day at KARUNAI ILLAM, a Child Welfare Home situated in Gobichettipalayam. The children were provided refreshments by the members. Dr. P. Sakthivel, HoD/EEE addressed the gathering of the VCET Staff, students, the inmates and their caretakers, and presented things for the daily needs of the children, such as LCD TV, rice, cakes of toilet soap, toothpaste, toothbrush, mugs, etc. He thanked all the EEE students who contributed towards this noble cause.



INTER DEPARTMENT PAPER PRESENTATION



On the 9th of September the Department of EEE organized an Inter Department Paper Presentation on various topics. EMERFLUX received 38 papers covering various topics from various departments. 23 papers were selected and called for presentation. The session was inaugurated by HoD/EEE, Dr. P. Sakthivel. The session was started at 09.30am and the papers were judged by a panel of internal jury.

TWO DAY NATIONAL LEVEL WORKSHOP

The Dept. of EEE successfully conducted a Two Day National level workshop on 'MATLAB and its Applications' on 30.09.16 and 01.10.16. A total of 67 participants benefited from this workshop. The workshop inauguration was held from 9am to 9.45am on 30th September 2016. Dr. C. Muniraj, ASP/EEE, K.S. Rangasamy College of Technology was the Chief Guest and he handled the session on Soft Computing Techniques. Other sessions were handled by the expert members from VCET, and certificates were distributed to the participants by the chief Guest and Dr. P. Sakthivel, Professor & Head/EEE during the valedictory function on 01.10.16 from 4:15 PM to 4:45 PM.



DEPARTMENT OF INFORMATION TECHNOLOGY

TECHNICAL & NON TECHNICAL EVENTS



INFOAUXANO, the Association of the Dept. of IT organized quite a few technical & non-technical events for the IT Year-II students on 30.07.2016 at 3:15 PM in the Main Block Seminar Hall. Technical Quiz and mind tickling games were conducted during this session. The Association Secretary Ms. K. Anitha, of Final Year IT organized the event. All the students who participated in this event enriched their learning ability.

13TH NATIONAL LEVEL STUDENTS' TECHNICAL SYMPOSIUM

The 13th National Level Students' Technical Symposium ZERONE-2K16 was organized by the Department of Information Technology's Student Association, INFOAUXANO on 17th September 2016. Mr. R. G. Nawin Krishna, MSc, MBA, Founder & Chief Operations Officer, Mindwiz Techno-Solutions, Coimbatore, was the chief Guest and delivered the inaugural address. Students from various institutions presented Papers on the topics 'Internet On Things', 'Ethical Hacking/ Blue Jacking', 'Android OS', 'IOS', 'Artificial Intelligence' and 'Blue Eyes'..



PARTICIPATION IN FDP

Mr. P. M. Arun Kumar, ASP, and Ms R. Mynavathi, AP (Sr.Gr.) of the IT Department attended a two-day Faculty Development Programme on 'Data Center Virtualization Fundamentals' (DCVF) from 26.08.2016 to 27.08.2016 at Sri Krishna College of Technology, Coimbatore.

DEPARTMENT OF MECHANICAL ENGINEERING

INAUGURATION OF FAME & IIPE STUDENTS' CHAPTER 2016-2017



The inaugural function of FAME & IIPE Students' Chapter for the academic year 2016-'17 was held on 25.07.2016. Mr. V. M. Dhanasekar, Assistant Manager, Global Automotive Research Centre, Kanchipuram, was the Chief Guest. He delivered a special lecture on 'Global Perspectives on Automobiles'.

ONE DAY WORKSHOP ON GEOMETRIC DIMENSIONING AND TOLERENCING (GD&T)

A one-day workshop on 'Geometric Dimensioning and Tolerancing' (GD&T) in association with M/s CADD Centre, Erode, on 19. 08. 2016. The resource persons were Mr. K. R. Santhosh Kumar, Centre Manager and Mr. M. Arun Kumar, Senior CAD Engineer. In their morning lectures, they explained about the basics of Geometric Dimensioning, Tolerance and its types. Hands on Training in GD&T was given in the afternoon session.

GUEST LECTURE ON BIOCOMPATIBLE MATERIALS AND ITS APPLICATIONS

A lecture on 'Biocompatible Materials and Their Applications' was delivered by Dr. S. Shankar, Associate Professor, Department of Mechatronics Engineering, Kongu Engineering College, Erode, on 09. 09. 2016. He prefaced his lecture in such way as to place the students in a new technological path. He guided the students to follow new research techniques in the Biomechanical field and dwelt deeply upon Human Implants, Finite Element Concepts, and Biomedical Applications.



INTRA DEPARTMENTAL ACTIVITY DAY

Various Intra-departmental events were organized on 10. 09. 2016, the Activity Day. The Final, the Third and the Second year B.E. Mechanical Engineering students participated in events like Paper presentation, Technical Quiz, Water Rocketry and CAD Modeling.

SPECIAL LECTURE DELIVERED

Dr. M. Jayaraman, ME, PhD, delivered a Special Lecture on 'Investigations on Friction Stir Welding of Cast Aluminium Alloys' on 08. 07. 2016, in Annamalai University, Chidambaram.

INDUSTRIAL VISITS

122 students of Year-II undertook an industrial visit to Sakthi Auto Component Limited, Pallagoundenpalayam on 20. 08. 2016 and 124 students of Year-III had their Industrial Visit to Anamalais Engineering Coach Builders, Anna Nagar, Pollachi, on 13. 08. 2016.

DEPARTMENT OF CIVIL ENGINEERING ASSOCIATION INAUGURAL FUNCTION



'Renowned Association of Civil Engineers', RACE was inaugurated by Thiru. S.D. Chandrasekar, Secretary & Correspondent, VCET, on 21st July 2016. Er. D. Chandrasekar, Assistant Executive Engineer, PWD-Water Resource Organisation, Coimbatore Region, with its office at Erode, was the Chief Guest for the inaugural function. The Principal, Dr. M. Jayaraman, Prof. L. Peter Stanely Bebington, Dean (Academics), Prof. P. Jayachandar, Dean (Student Affairs), and Prof. L. M. Palanivelu, Dean (Placement) felicitated. The office bearers of the association were introduced by Dr. E. Ravi, Professor and HoD. A special lecture was delivered by Er. D. Chandrasekar on the topic 'Check Dams Constructed in the Sathiyamangalam Division of Erode District- A Case Study'.

GUEST LECTURE

A guest lecture on 'Emerging Trends & Technologies on CADD' was organized on 30th July 2016. It was delivered by Mr. Sudharshan, Senior Engineer, Technical Support, CADD CENTER, Chennai. The audience consisted of all the faculty of the Department as well as the students of the First, the Second and the Third Year.



INTRA DEPARTMENT MEET

An Intra-departmental Meet was organized by RACE on Activity Day, the 17th of September 2016. Events like Paper Presentation, Model Making, CADD Contest and Technical Quiz were conducted. All the Civil Engineering students benefited from the various activity based events.

INDUSTRIAL VISIT

Year-IV students went on an Industrial visit to the Siruvani Water Treatment Plant, Coimbatore, on 22. 07. 2016 to observe the water treatment/purification process. Year-III students (2014 – 2018 batch) went to the proposed Construction of R.C.C. Commercial Building on the ground and the first floor in R.S No:18/3B of 33, Thindal Village, Site No:1, Perundurai Road, Near Ragul Residency, Thindal, on 29. 06. 2016. Year-II went to a proposed construction of apartment building and Velalar B.Ed. College Extension Building work at Thindal on 25. 07. 2016.

STUDENT ACTIVITY

N. Pavithra and P. Pavithra of the Final Year, K. Kirupakaran and G. Gowtham from the Third Year and K. Janani and K. Jayashree from the Third Year presented Papers at various illustrious forums and won accolades. Twenty-nine students from the second year attended a National Level Workshop on 'NXCADD' organized by Dr. Mahalingam College of Engineering and Technology, Pollachi on 30th September and 1st October 2016. Thirteen students from the Third Year attended a one-day National Level Workshop on 'Recent trends in Transportation' organized by Coimbatore Institute of Technology, Coimbatore, on the 21st of September, 2016.

CONSULTANCY / TESTING ACTIVITIES

S.No	Details of Testing/Consultancy	Income Generated (Rs)	Laboratory	Faculty In charge
1.	Consultancy in Geotechnical Investigation & testing of in-situ soil samples	40,500/-	Soil Mechanics Lab	Dr.E.Ravi, Prof. & Head, and Mr.C.Karthik, Asst. Prof.,
2.	Surveying	7,500/-	Survey lab	Dr.E.Ravi, Prof. & Head, and Mr.S.Suresh, Asst. Prof.,
3.	Testing of concrete cubes and bricks	16,000/-	Concrete Lab	Dr.E.Ravi, Prof. & Head, and Ms.A.Anitha, Asst. Prof.,
4.	Testing of water samples	2,250/-	Environmental Engineering Lab	Dr.E.Ravi, Prof. & Head, and Mr.D.Sakthivel, Asst. Prof.,
5.	Testing of steel reinforcements	10,500/-	Strength of Materials Lab	Dr.E.Ravi, Prof. & Head, and Ms.P.Ramya, Asst.Prof.,
Total Income Generated = 76,750/-				

DEPARTMENT OF COMPUTER APPLICATIONS

ASSOCIATION INAUGURAL FUNCTION

The Inauguration of the Association 'Computing Research and Development' - COMRADE - for the academic year 2016-17 was held on 03. 09. 2016. Mr. R.Mohanraj, Development Manager Allscripts Pvt Ltd., Bangalore, inaugurated the association and handled a session on 'The scenario of IT Industry'.



TRAINING PROGRAMME

An Aptitude Training was conducted for the Pre-final year students on 19. 09. 2016 and the resource person was Mr. M. Sampath Kumar, Aptitude Trainer, Talent Sprint, Coimbatore.

TECHNICAL SYMPOSIUM



A Students' Technical Symposium - ARTIFEX'16 – was organized on 30th September 2016. Mr. P. Vijayakumar Chief Executive Officer, Texvalley Market Ltd., Gangapuram, Erode inaugurated the session. Various events like Paper presentation, Quiz, Debugging, Word Hunt and Web Designing were conducted and around 100 participants, including those from various colleges in and around Erode, participated in the events.

NATIONAL CONFERENCE

Mr.M.Govindarajan presented a paper titled “answering Pattern Queries using Views” in the National conference on Smart Approaches in Computer Paradigms organized by Navarasam College of Arts and Science on 21.09.2016



STUDENT ACTIVITIES

23 students of the Final Year MCA presented Papers in the National Conference on 'Smart Approaches in Computer Paradigms' organized by Navarasam College of Arts and Science, on 21. 09. 2016 on combined recent-trend topics.

YOUTH RED CROSS

TREE PLANTATION PROGRAMME



YRC of VCET conducted a Tree Plantation Programme on 20. 07. 2016 at the Panchayath Union Elementary School, M. Puthupalayam, Nasiyanur, in connection with Kamaraj' Birth Day (Kalvi Valarchi Naal). 20 YRC Volunteers participated in this Programme.

YRC of our college conducted another Tree Plantation Programme on 27. 07. 2016 at Panchayath Union Elementary School, Sanarpalayam, Chithode, in connection with the first death anniversary of Dr. A. P. J. Abdul Kalam. 25 YRC Volunteers participated in this programme.



DEWORMING CAMP



As per the instruction of the District Collector, a De-worming Camp was conducted on 12. 08. 2016 for all the First year UG students in connection with the National De-worming Day. 742 students benefitted from this camp. Prof. P. Jayachandar, Dean (SA) inaugurated this camp and Dr. M. Eswaramurthy, HoD(S&H), Dr. N. Thangaraj – Rotaract Coordinator, Mr. K. Manikandan, YRC Programme Officer, participated this camp.

COMPUTER EDUCATION PROGRAMME

YRC of VCET conducted a Computer Education Programme for the school students at Panchayat union Elementary School, Sanarpalayam, Chithode, on 15. 08. 2016. Nearly 150 school students participated in this programme which was conducted by 20 YRC Volunteers of our College.



SCREENING THE MOVIE “MUDHALVAN MAHATHMA”



As per the instruction given by the Erode District Collector, 'Mudhalvar Mahatma' was screened for all the Year-I UG students on 08. 10. 2016, by the Youth Red Cross of VCET. This was an exercise from the part of the government, the society as a whole, from the management and staff of VCET to impart social values to the students who are going to determine the destiny of tomorrow.

PUBLICATIONS BY FACULTY

DEPARTMENT OF BIOMEDICAL ENGINEERING

R.Prabu, Dr.R.Harikumar, Dr.S.Raghavan, "Performance Analysis of ELM Classifier for Classification of Electrical Impedance Tomography (EIT) Images with Infinite Feature Selection", Asian Journal of Research in Social Sciences and Humanities, Vol.6, Issue 8, pp.381-389, 2016.

R.Prabu, R.Harikumar, "Performance Analysis of ELM Classifier for Classification of Electrical Impedance Tomography (EIT) Images with Infinite Feature Selection", Vol.75, pp. 404-411, 2016.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENG.

Mr.K.Vanchinathan, Mr.C.Gokul, Mr.P.Rajasekaran, Mr.M.Chitra, "a Bridgeless Zeta Converter Based Sensor less BLDC Motor Drive with PFC", South Asian Journal of Engg. and Tech. Vol.2, No.16, pp. 104–113, ISSN No: 2454-9614, 2015.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS COMMUNICATION ENGG.

Dr. P. Sakthivel "Efficient low power design of 4-tap and 6-tap 2d daubechies wavelet filters using pipelined Direct mapping method", Asian journal of research in social sciences and humanities, June 2016, vol.6. issue no:6, pp-1453-1470.

Dr. P. Sakthivel "Design and FPGA implementation of bit level pipelined digit serial VLSI architecture for a viterbi decoder" Asian journal of information tech. ISSN: 1682-3915, PP:1232-1242, Issue no:7, vol. :15, June 2016

S K Manikandan "Design of Binary Vedic Multiplier based on Nikhilam Sutra using bit reduction technique" Sylwan Journal, vol. 160,2, pp-106-117, ISSN No :0039-7660, Feb 2016.

K.Vanchinathan, C.Gokul, P.Rajasekaran, MM.Chitra, "A Bridgeless Zeta Converter Based Sensorless BLDC Motor Drive With PFC", South Asian Journals of Eng. &Tech., Vol. 2, ISSN NO:2454-9614, No.16(2015) 104-113.

Dr.P.Sakthivel, "Efficient low power design of 4-tap and 6-tap 2d daubechies wavelet filters using pipelined Direct mapping method", Asian Journal of Research in Social Sciences and Humanities (International journal), Vol. 6. Issue no:6, pp-1453-1470, June 2016.

S K Manikandan, "Design of High Speed Vedic Multiplier based on Nikhilam Sutra algorithm using Successive Approximation Method", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 6, pp-608-622, ISSN NO-2249-7315, June 2016.

Dr.P.Sakthivel, "Design and FPGA implementation of Bit Level Pipelined Digit Serial VLSI Architecture for a Viterbi Decoder", Asian Journal of Information Tech., ISSN: 1682-3915, PP: 1232-1242, Issue no: 7, vo1.: 15, 2016.

S K Manikandan, "Smart Bin", International Journal of Advanced Research Trends in Engg. and Tech., Vol. 3, Spl Issue 24, pp-230-234, ISSN NO-2394-3777.

Ms. R. Madhumitha and S. Gokula brindha "Harmonic Compensation with Multi-level Inverter", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg. ISSN No.: 2278 8875 Vol.5 No.9 pp. 7551-7558 (2016).

DEPARTMENT OF COMPUTER SCIENCE

Dr.L.M.Palanivelu and Dr.V.K.Manavalasundaram, "A Compressed Brain Image Classification System Enhance with Multi Image Particle Swarm Optimization Segmentation", Asian Journal of Research in Social Sciences and Humanities , Vol. 6, Issue. 10, pp. 881-893, Oct 2016.

DEPARTMENT OF INFORMATION TECHNOLOGY

R. Mynavathi and Dr. S. Malliga, "Protecting Sensitive Data using Multilevel Privacy Preserving Framework Withstanding Linear and Non Linear Attacks", Asian Journal of Research in Social Sciences and Humanities, Vol.6, No.8, pp11-20, Aug-16.

P. Rajendran, Dr. A. Tamilarasi and R. Mynavathi, "An Enhanced Approach towards Privacy Preserving Email Spam Filtering", Asian Journal of Research in Social Sciences and Humanities, Vol.6, No.8, pp 21-28, Aug-16.

S. Viveka and Dr. B. Kalaavathi, "Data Mining Models to Improve Clinical Decisions", Asian Journal of Research in Social Sciences and Humanities, Vol.6, No.8, pp 2461- 2471, Aug-16.

DEPARTMENT OF CIVIL ENGINEERING

P.Ramya, Asst.Prof.(Sr.Gr), "Response of Concrete Made with Partially Treated Textile Effluent to Acid Attack and Chloride Attack", Asian journal of research in social sciences and Humanities, Vol.10, 691-699, Oct 2016.

DEPARTMENT OF MACHANICAL ENGINEERING

D.R.P.Rajarathnam and Dr.M. Jayaraman "Enhancement of Wear Resistance of AISI 1040 Forged Steel Roller Shaft by different Ceramic Oxide Coatings using Plasma Spray Process for Sugarcane Industries", International Journal of Asian Journal of Research in Social Sciences and Humanities, Vol.6, No.10, pp. pp. 1663-1678, 2016. (ISSN 2249-7315) (DOI: 10.5958/2249-7315.2016.01120.5).

DEPARTMENT OF MATHEMATICS

Dr. C. S. Gowri, 'Generalized Alpha Contra Continuous Mapping in Intuitionistic Fuzzy Topological Spaces', Asian Research Consrtium, Vol. 6, pp. 701-712, ISSN 2249-7315, DOI No.- 10.5958, 2249-7315.2016.00456.1, Year- Jul-16.

Dr. P. Shamugasundaram, " An Analysis of Fuzzy Weighted Association Rule Mining from Medical Data", Asian Research Consrtium, Vol. 6, No. 7, pp. 471-488, ISSN 2249-7315, DOI NUMBER: 10.5958, 2249-7315.2016.00439.1, Jul-16.

K. Rathi, "Comparative study of arithmetic nature of heptagonal fuzzy numbers", Asian Journal of Research in Social Sciences and Humanities, ISSN: 2249-7315 (Online)/Impact Factor:0.315/DOI:10.5958/2249-7315.2016.00422.6

K.Rathi, " A mathematical model for subjective evaluation of alternatives in fuzzy multi-criteria group decision making using COPRAS method", International Journal of Fuzzy Systems, ISSN: 1562-2479 (print), Impact Factor: 0.941, DOI: 10.007, s40815-016-0256-z, Indexed by Thomson Reuters (Annexure I).

K. Rathi, " Two stage decision making approach for sensor mission assignment problem", RAIRO Operations Research, ISSN:1290-3868 (online)/Impact Factor:0.405/DOI:

10.1051/ro/2016051/Indexed by Thomson Reuters (Annexure I).

M. Sudharani, "Average Number of Real Zeros of Random Fractional Polynomial II", International Journal of Engg. Research and Tech.(IJERT), Vol. No.-5/Issue No.- 9/ Pg No. 368-374/Sep 2016.

S. Senthil Raj, "Improved Results on Delay-Dependent H control for Uncertain Systems with Time-Varying Delays", Circuits System, Signal Processing(Springer), DOI-10.1007/s00034-016-0382-8, August 2016.

DEPARTMENT OF ENGLISH

D. Thomas Mathew, "A Case Study on Political Agenda Playing Behind Radha Chakravarty's Translation of Rabindranath Tagore's 'Boyhood Days'", Lux Montis, Vol. No.-4/Issue No.-2/ pg. 24-28/ISSN - 2321-8053, Jul- 2016.

D. Thomas Mathew 'The Secular God of Tagore – A Revelation Through Gitanjali', Research Scholar, Vol.6, No. 3/pp. 80 -82/ISSN – 2249-6696, Sep -16.

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGG

Ms.D.Sasipreetha has published International conference on "Mobile rescue robot for alive human detection in disaster zones" on 16-17.03.2016.

Ms.K.Gomathi International conference paper presentation on "Design of dual battery powered electric vehicle using artificial neural network" on 22&23/03/2016.

Mr.S.K.Manikandan has published International conference on "RECENT TRENDS IN ELECTRONICS COMMUNICATION & COMPUTATION TECHNOLOGIES" on 06/4/2016.

S K Manikandan has presented a paper "Developing an Android Application for College Management System" in International Conference of Electrical & Electronics and Computer Engg. (ICEECE) at Vivekananda College of Eng. for Women, Tiruchengode, on Mar 2016.

S K Manikandan has presented a paper "SMART BIN" in International Conference on Recent Trends in Electronics Communication & Computation Tech. at Sri Ramanathan Engg College, Coimbatore, 06th Mar 2016.

D.Sasipreetha has presented a paper "Mobile rescue robot for alive human detection in disaster zones" in International Conference in Information Engg, Management and Security (ICIEMS) at Angel college of Engg. & Tech. Triupur, on 16 to 17 Mar-16.

K Gomathi has presented a paper "Design of electric vehicle using fuel cell" in International Conference of Electrical & Electronics and Computer Engg. (ICEECE) at Vivekananda College of engg. for women on March 22nd&23rd 2016.

K Gomathi has Presented a paper "Rule based power management of Hybrid Electric vehicle system with dual energy storage system" in National Conference on Trends in Engg. Applications and Managements(NCTEAM16) on March 26th 2016.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. M. Jayaraman, delivered a Special Lecture on 'Investigations on Friction Stir Welding of Cast Aluminium Alloys' on 08. 07. 2016, in Annamalai University, Chidambaram.

DEPARTMENT OF COMPUTER APPLICATIONS

M.Govindarajan presented a paper titled "Answering Pattern Queries using Views" in the National conference on Smart Approaches in Computer Paradigms organized by Navarasam College of Arts and Science on 21.09.2016

WORKSHOP/ SEMINAR/ FACULTY ENABLEMENT PROGRAM

DEPARTMENT OF INFORMATION TECHNOLOGY

Mr. P. M. Arun Kumar, ASP, and **Ms R. Mynavathi**, AP (Sr.Gr.) of the IT Department attended a two-day Faculty Development Programme on 'Data Center Virtualization Fundamentals' (DCVF) from 26.08.2016 to 27.08.2016 at Sri Krishna College of Tech, Coimbatore.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. M. Jayaraman and T.C.R. Dinesh attended a Workshop on Recent Investigations in Welding Research (RIWER) held at Annamalai University, Chidambaram from 08.07.2016.

D. Kesavan and M.Pradeep attended a Workshop on Special Skill Development Program on Sheet Metal Design and Development using Solidworks held at Kongu Engg. College from 30.07.2016 and 31.07.2016.

M. Arjunraj attended a Workshop on ICTACT Youth Leadership Summit held at CODISSIA, Cbe from 24.08.2016.

DEPARTMENT OF MATHEMATICS

D.Shanmugavadivu, D.Nandhini, S.Ramya, A.Ramya, S.Sangeetha, M.Sudharani participated a Seminar on Recent Trends in The Applications of Mathematical Sciences held at Velalar College for Women, Erode from 8-9 September 2016.

D.Nandhini, A.Ramya, M.Sudharani, participated a workshop on Differentiation and its Applications held at M. Kumarasamy College of Engg., Karur from 30th Mar 2016.

BOOK PUBLICATION

Dr. L.M. Palanivelu Ph.D, Head of the Department, **Ms S. Kayalvili**, AP(Sr. Gr.) and **Ms C. Selvi**, AP (Sl.Gr.) of Computer Science and Engg. have written a book on "Adhoc and Sensor Networks" published by Charulatha Publications. This book is a useful handout with required details from all references covering the syllabus of B.E. Computer Science and Engg. of Anna University, Chennai, and Semester VII of Regulation 2013 with a question bank.

Velalar College of Engineering and Technology

Thindal, Erode - 638 012, Tamilnadu.

Phone: 0424 2244201, 2244202, 2244203, 2244204, 2244206 Fax: 0424 2244205

Email: principal@velalarengg.ac.in, velalarengg@rediffmail.com

Web: www.velalarengg.ac.in