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MESSAGE FROM THE PRINCIPAL

I am truly elated to share with you the wonderful news that our institution is accredited with 'A' grade by NAAC. Students who graduate from accredited institutions have access to enhanced opportunities and a certification of this kind instills in us a solid confidence and a sense of responsibility. We always strive to live up to the expectations and going through the process challenged us to find better ways to serve the student community. The certification we have earned today is a milestone in the history of VCET, and this milestone will be a stepping stone for us to become truly instrumental spreading the light of knowledge. I congratulate and appreciate each and every one involved in this process for their sincere efforts and contribution.



ACCREDITATION BY NAAC



Velalar College of Engineering and Technology, Erode has been accredited by National Assessment and Accreditation Council (NAAC), an autonomous body under University Grants Commission, New Delhi. The peer team visited the institution during October 9-11, 2014. Prof.K.Chidananda Gowda, Former Vice Chancellor, Kuvempu University, Karnataka was the chairman for the NAAC Peer Team. Prof.S.V.Sudheer, Director, UGC-Academic Staff College, University of Kerala, Tiruvananthapuram was the member coordinator and Dr. Amiyakumar Rath, Professor / CSE, Veer Surendra Sai University of Technology, Burla, Sambalpur was the member of peer team.

NAAC Peer Team evaluated the performance the Institution under seven criteria viz., Curricular Aspects, Teaching-Learning and Evaluation, Research, Consultancy and Extension, Infrastructure and Learning Resources, Student support and Progression, Governance, Leadership and Management and Innovations and Best Practices. Good Infrastructural facilities, state-of-the art laboratories, library with large volume of books and journals, more than 1000 computers with networking, excellent e-resources, excellent placement record, good academic results with university ranks, special care on advanced and slow learners were some of the important points, that supported VCET in obtaining "A" grade in the accreditation process by NAAC. Our institution is one among 7 Engineering colleges in Coimbatore region and one among 24 affiliated institutions under Anna University, Chennai to receive such a grade.

DEPARTMENT OF BIOMEDICAL ENGINEERING ORGAN DONATION AWARENESS CAMPAIGN

The student association of Biomedical Engineering, BIONIKX organized an "Organ Donation Awareness Campaign" on 27th November 2014. Mr.S.Mohanraj, Chairman, Erode Spice Round Table - 211 welcomed the gathering. The importance and

necessity of organ donation was explained by Dr.K.Prakash, Transplant Coordinator, Mohan Foundation, Chennai. Dr.V.Jeevanantham, President, Imayam Cancer Centre, Erode presided over the function. GLMF. Tr. Christopher Aravinth, Area Chairman, Round Table India and Prof.L.Peter Stanley Bebington, Dean(Academics), offered felicitations. Dr.M.Jayaraman, Principal, thanked the organizers and the participants.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WORKSHOP



A two day National Level Workshop on “Applications of Computational Intelligence Techniques Using MATLAB” was conducted on 04.12.2014 & 05.12.2014. Dr.R.Devi Priya, Asst. Prof., Dept. of IT, Kongu Engineering College gave hands-on training in “Genetic Algorithm and Ant Colony Optimization Using MATLAB”. It is followed by a session “Artificial Neural Networks” handled by Dr.R.Thangarajan, Prof. and Head, Dept. of Computer Science and Engineering, Kongu Engineering College. Dr.Albert Alexander, Asst. Prof.(Sr.Gr.), Dept. of EEE, Kongu Engineering College offered training in “Particle Swarm Optimization, Bee Colony Optimization and Fuzzy Logic using MATLAB” on 05.12.2014.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WORKSHOP

A one day workshop on “Electric Power Measurement Techniques & Soldering Practices” was conducted on 8.11.2014. The resource person for the workshop was Dr.K.R.Valluvan, HOD/ECE.

FACULTY DEVELOPMENT PROGRAM

A five day Faculty Development Programme on “Microprocessor & Microcontroller” was conducted from 24.11.2014 to 28.11.2014.



DEPARTMENT OF INFORMATION TECHNOLOGY



VALUE ADDED COURSE

A value added course on “Android Application Development” was conducted for the third and final year students through HCLCDC. Mr.Karthik Vivekanandhan, Centre-Head, HCLCDC handled the course.

APTITUDE TRAINING

An aptitude training programme was conducted for III year students on 21.1.15 and 22.1.15 and for Final year students on 29.1.15. The sessions were handled by Mr.M.Uday, ESB, Erode.

DEPARTMENT OF MECHANICAL ENGINEERING

INDUSTRIAL TRAINING

The students of Mechanical Engineering visited Seshasayee and Paper Boards, Pallipalayam on 30.12.2014.

Thirty students of III year underwent industrial training during November/December 2014 at various industries including Ashok Leyland, TVS Training and Services Ltd, Sakthi Auto Component Limited, Agni Steels Private Limited, M.M.Autos, K.M.Honda, Ambal Auto.

Twenty five students of II year underwent industrial training at various industries including TVS Service Centre, Salem, Diesel Loco Shed, Erode, Ambal Auto, Erode, Prasanna Automobiles, Erode, Paranthaman Exports, Perundurai.



DEPARTMENT OF CIVIL ENGINEERING

FACULTY DEVELOPMENT TRAINING PROGRAMME



An FDTP on “Soil Mechanics” approved by Anna university, Chennai was conducted from 15.12.14 to 21.12.14. Dr.E.Ravi, Prof. & Head, and Ms.M.Subhashini, Asst. Prof., coordinated the programme.

CONSULTANCY / TESTING ACTIVITIES

A sum of Rs. 40,000 was generated through consultancy activities carried out by Dr.E.Ravi, Prof.&Head and Ms.M.Subhashini, Asst. Prof., VCET.

Testing of concrete cubes and bricks was carried out by Dr.E.Ravi, Prof.& Head and Ms.A.Anitha, Asst. Prof., through which a sum of Rs.10,000 was generated.



DEPARTMENT OF MANAGEMENT STUDIES

CHILDREN’S DAY CELEBRATION



Children's Day was celebrated at Ilaya Bharatham, Child Home, Surampatti, Erode on 14.11.2014. The students and staff contributed mixie, groceries and notebooks for children. Games and motivational activities were also conducted.

INDUSTRIAL VISIT

First year MBA students were taken to Sudharsan Exports, Karuvallur, Avinashi on 12.12.14 for industrial training.



DEPARTMENT OF MATHEMATICS

FACULTY DEVELOPMENT TRAINING PROGRAMME



A seven day FDTP on “Probability and Random Processes” sponsored by Anna University, Chennai was conducted from 08.12.2014 to 14.12.2014. Dr.C.Veeramani, Asst. Prof., Dept. of Applied Mathematics and Computational Sciences, PSG College of Technology, Coimbatore inaugurated the FDTP and handled a session on “Probability and Random Variables”.

RESEARCH SEMINAR

The Departments of Computer Science and Engineering & Information Technology organized a one day National Level Research Seminar on “Enhancing Research Potential in CSE & IT” on 29.11.2014. Dr.S.Selva Kumar, Prof. and Head, NIT, Trichy inaugurated the seminar and gave a lecture on “Research Methods and Methodologies”, which is followed by a special talk on “Research Resources” by Dr.K.R.Valluvan, Prof. & Head, Dept. of ECE, Velalar College of Engineering and Technology. The afternoon session on “How to do Research without any Stress” was handled by Dr.T.Purushothaman, Assoc. Prof., Government College of Technology, Coimbatore and it is followed by a session on “Effective Publishing” by Dr.M.Jayaraman, Principal, Velalar College of Engineering and Technology.



ROTARACT CLUB ACTIVITIES



Rotaract Club of VCET in association with the District Blindness Society, Rotary Club of Erode Thindal and Aravind Eye Hospital, Coimbatore organized a "Mega Free Eye Camp" on 12.10.2014 at Panchayat Union Elementary School, Thindal. Around 130 people participated in this camp and 6 were identified for free surgery in Aravind Eye Hospital, Coimbatore.

PUBLICATIONS BY FACULTY

DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr.S.Mangai, R.Saranya and V.Subathra, "Energy Efficient Optimized Sleep Scheduling and Target Prediction in Wireless Sensor Network Target Prediction", International Journal of Modern Tools in Engineering and Research (IJMTER), Vol.1, Issue.6, pp.207-214, December 2014, e-ISSN: 2349-9745, p-ISSN :2393-8161.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.Hariprasath, "Power Factor Correction Using Valley-Fill SEPIC Topology With Fuzzy Logic Control", TELKOMNIKA, Indonesian Journal of Electrical Engineering, Vol 12, Issue 11, Page: 7622-7630, Nov 2014.

DEPARTMENT OF MECHANICAL ENGINEERING

V.C.Sathish Gandhi, **R.Kumaravelan** and S.Ramesh, "Performance Analysis of Wheel and Rail Contact by Nature of Material Characteristics - A Contact Mechanics Approach", International Journal of Mechanics and Mechanical Engineering, Vol. 18, No. 1, pp 11-24, 2014.

DEPARTMENT OF COMPUTER APPLICATIONS

Dr.KR Ananth, AP (SI.Gr.), "A Hybrid Modified Algorithm Using Contrast Appraise in the Wavelet Domain for MR Brain Image Enhancement", International Journal of Advance Foundation and Research in Computer (IJAFRC), Volume 1, Issue 10, pp.19-25, October 2014.

DEPARTMENT OF MATHEMATICS

P.Shanmugasundaram, "Positive Deviation Method for Decision Making Using Intuitionistic Fuzzy Sets", International Journal of Computer Applications, Vol. No.106, Issue No.12, Page No. 7 -9, November 2014.

K.Rathi, "Representation and Ranking of Fuzzy numbers with Heptagonal Membership Function Using Value And Ambiguity index", Journal of Applied Mathematical Sciences, Vol. No.8, Issue No.87, Page No.4309 - 4321, November 2014.

AWARD of Ph.D



Prof.V.Chandrasekaran completed PhD in Information and Communication Engineering from Anna University, Chennai in 2014. He started his teaching career in the year 2004 and currently he is working as Asst.Professor (SI.Gr) in the Department of ECE, Velalar College of Engineering & Technology, Erode. He has published 10 papers in International Journals and has presented 12 papers in National and International Conferences. His current research focuses on wireless sensor networks and Adhoc networks.

Prof.N.Thangaraj received his PhD Degree under the Faculty of Science and Humanities, Anna University, Chennai in November 2014. He is working as Asst. Prof. (Sr.Gr.) in Velalar College of Engineering and Technology from 2008. His areas of interest include Thin Film, Nanomaterials and Materials Science. He has published 6 research papers in National and International Journals and has presented 4 papers in National and International Conferences. He has successfully completed the NCC Officers Training at Officers Training Academy, Kamptee, Nagpur.



Prof.P.Sakthivel was awarded the Doctoral degree under faculty of Electrical Engineering in November 2014 from Anna University, Chennai. He is presently working as Associate Professor in the Department of Electrical and Electronics Engineering. His publications include 4 papers in International journals and he has presented many research papers in various National and International conferences. His area of interest includes testing of VLSI design, Low Power VLSI Design and Electromagnetic Fields. He was awarded with Best Teaching Staff Award in the year 2006 and 2010. He has received a certificate of Appreciation for Campus Infrastructure in the year 2013.

Prof.S.Hemalatha was awarded doctorate in December, 2014. Her research interests include English Language Teaching and Performance of Rural students in Engineering colleges. Her teaching interests broadly cover English grammar and verbal ability training. She is currently Head of the Department of English, VCET. She has published four papers in international journals. Having completed eight years in the teaching field, she is now working on developing new strategies to enhance the linguistic skills of the students who have finished their schooling through Tamil medium.



Velalar College of Engineering & 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