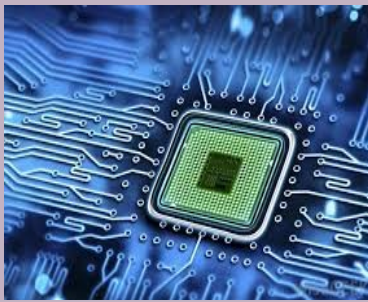


Department of ECE Electronics & Communication Engg.,

Electronics &
Communication
BUZZ.....

Special points of interest:

- ☞ MEDHAMILAN 2016
- ☞ A Five Day CII IWN Event ELAN
- ☞ A guest lecture on “Image Quality Assessment”
- ☞ Student Interaction Program on Career Guidance in Core VLSI



MEDHAMILAN 2016

Symposia have a predominant role in technical education and the involvement of students is an important academic activity. ‘Medha Milan’, being the convergence of women intellectuals, provides a better platform in attracting budding professional students for rendezvous, interaction and presentations among them who are from different places and have varied technical knowledge. Such programmes inspire, engage and empower in quest for technical knowledge acquisition. Shri Vishnu Engineering College for Women organized the 11th National Student Symposium for women “MEDHA MILAN 2016” on 7th & 8th March, 2016 for Under Graduate Engineering and MBA women students, on topics related to ECE, EEE, CSE, IT, ME, CE, MBA and also Creative Gallery Events. The aim of the Symposium is to provide an exposure to the recent developments in the frontier areas of Engineering and Technology and to encourage them to pursue higher education and research. Recent advances in Technology have brought a phenomenal change in the country’s development. Progressing in the field of Technical Education, our two days National Symposium aims at opening new avenues and focuses on facilitating students to explore new horizons of technical education. This is an excellent platform to demonstrate recent innovations, scientific and application oriented results in different branches of Engineering. This gathering, with multidimensional approach is a great opportunity for students to share their proficiency and promote their research and industrial skills. Mr. D. Murali Krishna acted as department co-ordinator .



Inaugural Function of Medhamilan



Students Presenting their Posters

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Faculty Training & Publications

1. G.R.L.V.N.S. Raju and Naga Valli V, "IR Based Monitoring of Drowsiness using EYE Movement," International Conference on Innovations in information Embedded and Communication System (ICIIECS'16), 17-18 March 2016
2. K. Bala Sindhuri, K. Padma Vasavi, A. Santhi Prabha, N. Udaya Kumar, "VLSI Architecture for Linear Carry Select Adder with Zero Finding Logic", IEEE Conference on International Advanced Computing, organized by Department of computer Science and Engineering SRKR Engineering College, Bhimavaram India 26-28 Feb 2016.
3. Sudheer Kumar Terlapu, GRLVN SrinivasaRaju and GSN Raju, "Array Pattern Synthesis using Accelerated Particle Swarm Optimization," Proceedings of 3rd IEEE International Conference Electronics and Communication Systems ICECS 2016, Karpagam College of Engineering, Coimbatore, during 25 – 26 February 2016.
4. M.V Ganeswara Rao, Rajesh K Panakala, AM Prasad "Implementation of Real Time Image Processing System using DSP & FPGA" International Conference MICROCOM-2016, organized by NIT Durgapur, during January 25th-26th 2016.
5. A.Narayana kiran,R.Viswanadham "A Novel approach for MIMO communication system using PFSTBC Technique",IEEE Sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems, Karpagam College of Engineering, Coimbatore,Tamilnadu,India, during 17th and 18th March 2016.
6. R Viswanadham, A.Narayana Kiran, " An Embedded Intelligent Energy Conserving System Using Real Time Clock" in ICIIECS-2016,at Karpagam College Of Engineering, Coimbatore on 16-17 March 2016
7. K.Priyanka, "A novel design of error detection and correction logic for leading zero anticipator along with adder " IEEE Sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems, Karpagam College of Engineering, Coimbatore, during 17th and 18th March 2016
8. R.Ashok Chaitanya varma, T.Sairam Vamsi "HIGH THROUGHPUT VLSI ARCHITECTURES FOR VLSI SIGNAL PROCESSING" IEEE sponsored 3rd international conference on electronics and communication systems(ICECS-2016) organized by Department of E & TE, Karpagam College of Engineering, Coimbatore, Tamilnadu, India, during 25th and 26th febraury 2016.
9. Mr.J.Kiran,Dr. G R L V N S Raju, V Balaji, "Design and Analysis of Different taper slot Vivaldi antennas with balun feeding using HFSS for UWB applications " IEEE Sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS-2016) Organized by Dept. of ECE Karpagam College of Engineering, Coimbatore, during 17th and 18th March 2016.
10. M.Venkata Subbarao, P.Samundiswary "Time-Frequency Analysis of Non-Stationary Signals using Frequency Slice Wavelet Transform" IEEE International Conference on Intelligent Systems and Control (ISCO'16) Organized by department of IT, Karpagam College of Engineering, Coimbatore.
11. M.Venkata Subbarao, P.Samundiswary "An Intelligent Receiver for Automatic Modulation Recognition using Time-Frequency Analysis: A Military Application" International Conference on Communication and Security (ICCS-2016) Organized by department of ECE, Pondicherry Engineering College, Puducherry
12. M.Venkata Subbarao, P.Samundiswary "Time-Frequency Analysis of Digital Modulated Signals for Automatic Modulation Classification" IEEE sponsored 3rd International Conference on Electronics and Communication Systems (ICECS-2016) Organized by department of Electronics and Telecommunication Engineering, Karpagam College of Engineering, Coimbatore.
13. T.Sairam Vamsi, R.Ashok Chaitanya varma "Review on Underground Distributed Wireless Sensor Networks:Design & Research Challenges" IEEE sponsored 3rd international conference on electronics and communication systems(ICECS-2016) organized by Department of E & TE, Karpagam College of Engineering, Coimbatore, Tamilnadu, India, during 25th and 26th febraury 2016.

Students Activities & Achievements

IETE Activities

1. IETE Student Championship: IETE STUDENT'S FORUM conducted an event named 'IETE Student Championship' for 3 days.

☞ On 28th JAN, 2016:

KATA KATEGORIA : In this event student will be given an option to choose a category of her

choice and is given any word and within the time limit she must tell words of her chosen category starting with the letter contained in the given word.

☞ On 29th JAN, 2016:

TROUVE IT: The participants in this event were shown a point of action of any movie or a scene of a song for which they have to guess the name of the song.

☞ On 30th JAN, 2016:

TREASURE HUNT: Participants were given clues hidden all over the campus in and surroundings and were finally asked to build the given circuit according to the last clue. They must collect all the clues hidden and must complete their circuit within the time limit.



- A event IPL(IETE POSTER LEAGUE) was organized by IETE student forum on 7-1-2016 at 4pm. In this Participants of II year prepared posters on the selected topics and exhibited them. They gave brief explanation about that topic to the visitors. A total number of 81 students have taken part in the event.
- IETE STUDENT'S FORUM has celebrated IETE DAY on 2nd Feb, '2016. Spot events includes technical quiz and spell-bee. In the event TECHNICAL QUIZ the participants are shown some pictures and are asked to identify and then asked few more questions based on the pictures. Few are made to listen a voice clip and are said to identify. Each group contained 5 members. Spell-bee is the event where the participants are given few words to spell correctly within the given time limit of 30 seconds. Winners and runners of these events are given prizes.



ISTE Activities

- National science day is celebrated on 28th February every year to mark the discovery of Raman effect by Indian physicist Sir C. V. Raman, was awarded the Nobel Prize in physics in 1930. Total of 8 events were conducted on the occasion of National Science Day.



A Guest Lecture on Image Quality Assessment

A Guest Lecture was given by Dr. Sumohana Channappayya, Assistant Professor in IIT Hyderabad on Image Quality Assessment.



It covered the past, the present and the future of objective image quality assessment. Concepts of full-reference, reduced-reference, and no-reference image quality assessment were introduced first. The seminal work by Prof. Zhou Wang on the structural similarity (SSIM) index was discussed in detail.

Dr. Sumohana interacted with Students, asked them few questions and encouraged them to ask their doubts and clarified them.

Students Interaction programme on Career Guidance in Core VLSI

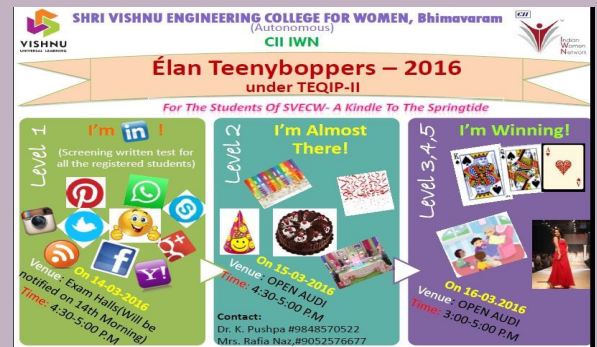
On 24th March 2016 students interaction with Mr.Sagi Ramesh Raju on real time scenario of VLSI designing and to inculcate more awareness among the student on core jobs. During the session he told student to interact with him regarding any doubt about core jobs.



A Five Day CII IWN Event ELAN 20 16

ELAN 2016 was organized in Shri Vishnu Engineering College for Women under TEQIP-II. It is organized to develop team building capabilities among students. This event consists of five Levels.

Level – 1: Screening Test – on 14-03-2016 , Level – 2: Birthday Line-Up – on 15-03-2016, Level – 3: Cards Sequencing – on 16-03-2016, Level – 4: Story Building – on 16-03-2016 , Level – 5: Show Stoppers – on 17-03-2016.



Prof. GRLVNS Raju
Head of the Dept

The Department of Electronics and Communication Engineering of Shri Vishnu Engineering College for Women (SVECW) was established in the academic year 2001-02 with an annual intake of 60. The Department is accredited by NBA (National Board of Accreditation, AICTE, New Delhi) for 5 years. The intake was increased to 120 from the academic year 2004-05 and later the intake was increased to 180 from the academic year 2011-12. In addition to this intake, the Department has 20% lateral entry students at II B.Tech. level.

The B.Tech. (ECE) program is duly approved by the AICTE and Government of Andhra Pradesh and has a permanent affiliation to Jawaharlal Nehru Technological University (JNTU), Kakinada. The Department has a number of well-equipped laboratories and provides excellent facilities for learning. The Department periodically organizes seminars, symposia, workshops and guest lectures for the benefit of both the students and the faculty. The department has an excellent blend of well experienced and young faculty.

