

# Department of ECE Electronics & Communication Engg.,

**E**lectronics &  
**C**ommunication  
**BUZZ**.....

**Special points of interest:**

- ☞ MEDHAMILAN 2015
- ☞ A Ten Day Workshop on “Mechatronics and Robotics”
- ☞ A guest lecture on “Knowledge Management”



**MEDHAMILAN 2015**

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



**Inaugural Function of Medhamilan**

organized the 10<sup>th</sup> National Student Symposium for women “MEDHA MILAN 2015” on 7<sup>th</sup> & 8<sup>th</sup> March, 2015 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. M. Prema Kumar acted as department co-ordinator.



**Students Performing Classical Dance during Cultural**

**Inside this issue:**

<b>Faculty publications &amp; Training</b>	2
<b>IETE Activities</b>	2
<b>ISTE Activities</b>	3
<b>Workshops</b>	3 & 4

### Faculty Training & Publications

1. R.Susmitha, et al., "VLSI Implementation of efficient convolution LA encoder & modified viterbi decoder", International Conference on Current Innovations in Engineering & Technology, during 2015.
2. V. Nagavalli, et al., "A design of FPGA with LEDR encoding and dual rail architecture", International Conference on Current Innovations in Engineering & Technology, during 2015.
3. M Prema Kumar and P Rajesh Kumar, "Pixel level weighted averaging technique for enhanced image fusion in mammography" International Journal of IEEE Volume3 Issue1, 2015, pp.10-15.

### Students Activities & Achievements

#### IETE Activities

1. IETE STUDENT'S FORUM conducted an event named 'TECH ALPHA' on 06.02.15 at 5pm. In this event the participants are provided with pieces of paper containing all the alphabets from A to Z and the one participating must pick random papers and tell two technical words starting with the letter written on the piece of paper selected by her.



2. An event called "IETE POSTER LEAGUE (IPL)" was conducted on 12-03-2015, for the second and third year students. All the students were formed



#### 3. 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.

4. HOPE( Hobby Project Expo): On 30th April 2014 we have conducted project exhibition , around 90 different hobby projects exhibited by the II & III B.Tech ECE students .





*Congratulations to  
Mr. Sudheer Kumar .T  
On successful completion of his  
Ph. D from Andhra University*

**ISTE Activities**

1. 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 5 events were conducted on the occasion of National Science Day.

- ☞ Drawing
- ☞ Selective Campaign
- ☞ Poster Presentation
- ☞ Indoor Game
- ☞ Drop a Caption



**A Ten Day Workshop on “Mechatronics and Robotics”**

A Faculty Development Program on “Mechatronics and Robotics” conducted by the department from 18<sup>th</sup> Feb 2015 to 28<sup>th</sup> Feb 2015 under TEQIP-II. The main objective of this workshop is to train and motivate the participants to learn the basic concepts of Robotics and start research and development of applications of Robotics Prof. Dr. ing. Wolfram Franz Stanek from Germany, trained the participants in the area of Robotics and Mechatronics processing. Around thirty eight faculty from various engineering college across AP attended for this workshop.



## *A Guest Lecture on "Knowledge Management"*

A Guest lecture on " Knowledge Management" was conducted by Department of ECE on 1st march, 2015. In this guest lecture, Prof.Dr. ing.Wolfram Franz Stanek from Germany, gave a detailed lecture on Memory management techniques like how to memorize large data, and names of students, and important data with ease. Memorizing of data becomes easy when data is stored from known to unknown. He quoted some good examples and gave faculty some exercises to workout. It's a very good interactive session and all the faculty members enjoyed the session. Participants from regional colleges, participated in the guest lecture session and learned good techniques in memorizing data.



**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.



**BEHIND  
EVERY  
SUCCESSFUL  
WOMAN IS  
HERSELF**