NEWSLETTER

Department of ECE Electronics & Communication Engg.,

Electronics &

Communication

BUZZ…..

Special points of interest:

☞ International day of people with disabilities

☞ One Day Workshop on "RF Circuit Design using ADS Software"

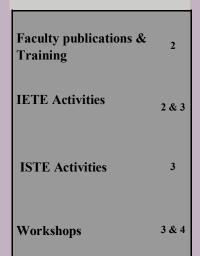☞ A Two Day Workshop on "Analog digital CMOS IC design flow using mentor graphics EDA tools"

Congratulations to Mr. G.R.L.V.N.S.Raju HOD, ECE

On successful completion of his Ph. D

VISHNU
UNIVERSAL LEARNING

Inside this issue:

International Day of persons with Disabilities

International day of people with disability is a United Nations sanctioned day that aims to promote an understanding of people with disability and encourage support for their dignity, rights and well-being. On this occasion every year the management of SVES is donating assistive technology projects to the differently abled people.

During the past four years more than 150 items have been distributed by the management, Sri Vishnu Educational Society, Bhimavaram for the needy people.

The following projects are designed in ATL and distributed to clients 1. robotic metal feeder 2. Smart math trainer 3. Bubble tube 4.JHealth mentoring system

Dignitaries on the Dais

5.Versatile wheel chair 6. Interactive wrist band 7.Succour 8. third eye. Clients from CVC Bhimavaram, Sri Venkateswara Deaf School, Arunodaya Manovikasa Kendram received the projects. This year's event is little different because we have finally come up with a product E-Stick for the benefit of our visually challenged clients. Mr. Mohan Rao from Bhimavaram government Hospitals was the chief guest for the function. Dr. G Srinivasa Rao principal ,Dr. Padamavasavi , Dean ATL , HODs and staff of deferent departments are attended to this event.

Distribution of Projects to Clients

Faculty Training & Publications

1. G.R.L.V.N.S. Raju., "International Conference on Advances in Sciences, Engineering & Management (ICASEM -2015) during 4-5 December, 2015.

2. G.R.L.V.N.S. Raju., "International Conference on Advances in Sciences, Engineering & Management (ICASEM -2015) during 4-5 December, 2015

3. G.R.L.V.N.S. Raju., "International Conference on Advances in Sciences, Engineering & Management (ICASEM -2015) during 4-5 December, 2015

4. K. Padma Vasavi, "A Mind Controlled Mouse using Discrete Wavelet Transforms and Independent Component Analysis for Elderly People with Multiple Disabilities" International Conference ABECBAB-2015, organized by Jawaharlal University, Delhi 25-26 July, 2015.

5. K. Padma Vasavi, "An Area Efficient VlSI Architecture For DA-Based Reconfigurable FIR Filter" , International Conference International Academic & Research Conference India -2015Organized By IMRF With The Encouragement Of UNESCO In Support Of UNESCO'S 70th Anniversary Celebrations, during October 09- 10, 2015.

6. K. Padma Vasavi, "An Internet of Things Based Mobile Application for Seeder Nozzle Block Detection in Agriculture" AET 2015-, Kochi, India. McGraHill Conference organized by ACM during December 19-20, 2015.

7. B. Madhavi, V. Srinivasa Rao "Implementation of High Speed Low Power Double Tail Comparator using H-Spice" International Conference on Recent Innovation in Science, Engineering and Management held on 22nd November 2015 at Jawaharlal Nehru University, New Delhi.

8. B. Madhavi, V. Srinivasa Rao "Energy Efficient High Speed Low-Voltage Dual Tail Comparator" International Conference on Developments in Engineering Research conducted by International Association of Engineering & Technology for skill Development held on September 2nd,2015 at Vijayawada.

9. Swathi tangella, Prema kumar Medapati., "Design of low power SRAM using negative BIAS temperature instability techinique", IRF international conference, held on 22nd November 2015, Hyderabad, India ISBN: 978-93-85832-57-4.

10. Mr. Pradeep Mullangi, "Texture and clustering based skin disease classification", International Conference Computer Society of India 50th Golden Jubilee Celebrations, CSI Delhi, 2nd-5th December, 2015.

11. M. Naga Kalyani, K. Priyanka, "Systematic Error-Correcting Codes Implementation for Matching of Data Encoded," in International Conference on Recent Innovations in Engineering and Technology (ICRIET) ,Vijayawada, 6th Sept, 2015.

12. Mr. KSN Raju, et al., " Design of High Performance Shared Buffer NoC Router", International Journal Of Engineering And Computer Science, Volume 4 Issue 9 Sep 2015, Page No. 14204-14213.

13. Divya Kamala Sri M and Pushpa Kotipalli, "A Self Powered High Efficiency Rectifier with High Symmetrical Slew Rate and Power Efficient Class-AB Op-Amp", International Journal of Innovative Research in Advanced Engineering (IJIRAE), Issue 10, Vol. 2, Oct., 2015, Index Copernicus 2014 = 6.57.

14. A. Hinduja and Sudheer Kumar Terlapu, "Verilog Implementation of Turbo Encoder and Decoder Using Log Map Based Iterative Decoding". Journal of Technological Advances and Scientific Research, Vol. 01, No. 04, Pp. 322-327, 2015.

15. Chakravarthy, V.V.S.S.S., Sarma, S.V.R.A.N, Babu K.N., Chowdary, P.S.R., &T Sudheer Kumar, "Non-uniform circular array synthesis using teaching learning based optimization," Journal of Electronics and Communication Engineering, Vol. 10, No. 03,pp. 38 – 44,2015.

16. B. Madhavi, V. Srinivasa Rao "Implementation of High Speed Low Power Double Tail Comparator using H-Spice" International Journal of Electrical and Electronics Engineers, vol.7, issue 02, Jul-Dec 2015, pp 79-88.

17. B. Madhavi, V. Srinivasa Rao "Delay and Energy Efficient Low-Voltage Dual Tail Comparator" International Journal of Scientific Engineering and Technology Research(IJSETR)., vol.4, issue 35, Aug-2015, pp 7023-26.

18. M Prema Kumar and P Rajesh Kumar, "Image Fusion of Mammography Images using Genetic Algorithm (GA)", Australian Journal of Basic and Applied Sciences, 9(33) October 2015, pp: 45-50. H index :17 (SCOPUS INDEXED)

19. Mr. KSN Raju, et al., "Design of High Performance Shared Buffer NoC Router" International Journal International Journal Of Engineering And Computer Science, Volume 4 Issue 9 Sep 2015, Page No. 14204-14213.

20. D.Sirisha, A. Narayana Kiran "Modified Razor Based Modified Booth Multiplier", International Journal of Science, Engineering and Technology Research (IJSETR), ISSN: 2278 – 7798, Volume 4, Issue 11, pp. 4014-4017, November-2015.

Students Activities & Achievements

IETE Activities

1. An event called "FUGGY BUZZ" was conducted On 12-07-2015, for the Second and Third year students. The participants in this event are given with six pieces of paper containing numbers 1 to 6 and are said to pick any and are asked questions on the number of their chosen category.

2. A event "DARE TO DO" was organized by IETE student forum. Participants were given many pieces of paper for which they have to select any of their selection and must accomplish the dare task written on it within the given time limit.

1. Engineers Day was celebrated on 15th September, 2015 as a tribute to Bharat Ratna Shri M. Visvesvaraya, on his birth anniversary.

2. ISTE Student Chapter of SVECW organized various technical events on 25th September 2015. An ICE Breaking Program was conducted on this occasion. The events such as Essay Writing, Quiz Prelims, Drawing, Group

One Day Workshop on "RF Circuit Design using ADS Software "

One Day workshop on "RF Circuit Design ADS Software" conducted by the department on 17th June 2015 under TEQIP-II. The main objective of this workshop is to train and motivate the participants to learn the basic concepts of RF circuits and provide hands on experience on Vector Network Analyzer and start research and development of applications in the field Wireless Communications.

The faculty were trained in various advanced areas like application of ADS tool. Around thirty eight faculty from various engineering college across AP attended for this workshop. Prof. GRLVN Srinivasa Raju HOD of the dept. supported the organizing committee in all aspects.

Two Day Workshop on "Analog digital CMOS IC design flow using mentor graphics EDA tools"

A Two Day workshop on "Analog digital CMOS IC design flow using mentor graphics EDA tools" conducted by the department on 5th – 6thOctober 2015 under TEQIP-II.

The Resource person is Mr. Sarath Kanth, an R & D Engineer from Coreel Technologies, Hyderabad. He trained the Faculty and students of PG with hands on experience on mentor graphics and EDA tools regarding CMOS IC design. The faculty and students participated and learned latest technology which is helpful for their research. Prof. GRLVN Srinivasa Raju HOD of the dept. supported the organizing committee in all aspects.

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.

STOP DREAMING START DOING

www.svecw.edu.in/index.php/departments/electronics-and-communication-engineering-ece