NEWSLETTER

Department of Electronics & Communication Engg.,

Special points of interest:

☞ B.Tech. Fresher's Day Celebrations 2013.

☞ Inauguration of 1st Year Classes 03.10.2013

☞ ATL Work Shop 2013

☞ Guest Lecture on Basics of Embedded Systems

VISHNU
UNIVERSAL LEARNING

International Day of persons with Disabilities

ATL Products are distributed to Differently able Persons on International Day of People with Disability. The following projects are designed in the ATL in this year.1. robotic metal feeder 2. Smart math trainer 3. Bubble tube 4.JHealth mentoring system 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. Dr. Gopala Raju from Bhimavaram Hospitals was the chief guest for the function.

Dignitaries on the Dais

Distribution of ATL Projects

Inside this issue:

Faculty Training & Publications

1. Mr.M.Prema kumar, Assoc.Prof, and Mr.P.Akhendra kumar , Asst.Prof attended three days training programme on", Digital Image Processing" held at BVRIT,Narsapur during 25th May to 27th May 2013.

2. Mr.V.S.R.PavanKumar,Asst.Prof,Mr.K.N.R.K.Raju, Asst.Prof. Mr.D.V.RamaKrishna, Asst.Professor and Mr.A.Narayana Kiran,Asst.Prof attended five days training programme on " PTSP & SS" held at BVRIT,Narsapur during 27th May to 31st May 2013.

3. Mr.V.Srinivasa Rao, and Mr.M.V.Ganeswara Rao , Assoc.Professors attended one month training programme on " Research Methodologies and Intellectual property rights & patents" held at JNTUK during 1st May to 31st May 2013.

4. Dr. K. Pushpa Reviewed IEEE paper "Enhanced algorithm for digital mitigation of ICI due to phase noise in OFDM receivers ".

5. Dr. K. Pushpa Reviewed IEEE paper "Efficient sequential integer CFO and sector identity detection for LTE cell search"

6. Dr. K. Seshadri sastry Reviewed IEEE paper manuscript ID: TCOM-TPS-13-0286 entitled "Performance Analysis of Digital modulation schemes based on linear chirp carriers".

7. Mr.M.Prema kumar, Assoc.Prof. attended one week ISTE-SRM STTP on "Image Processing" held at College of Engineering, Attingal,Kerala during 3rd June to 9th June 2013.

8. Dr. K. Seshadri sastry published a paper Adaptive population sizing genetic algorithm assisted maximum likelihood detection of OFDM symbols in the prensence of nonlinear distortions in I.J. Computer networks and information security, 2013, 7, 58-65

9. Mr.V.Vijaya Kumar Raju, Asst.Professsor and Mr.P.Aravind, Asst.Professor attended two days workshop on " Real time Digital signal processing and Applications using OMAPL138" held at JNTU, Hyderabad during 24th June to 25th June 2013.

10. Dr. K. Pushpa, Professor, Mrs. K. Padmavasavi Assoc.Prof, Mr.R. Viswanadham, Asst.Prof. Mr. A Narayana Kiran, Asst.Prof and Mr. V.S.R Pavan Kumar, Asst.Prof attended three day workshop on " Assistive Technology Lab " held at SVECW, Bhimavaram during 11th August to 13th August 2013.

11. Mr. S. Hanumantha Rao, Associate Professor, attended NBA workshop for training resource persons on "outcome based accreditation Phase-I" held at V.R.Siddhartha Engineering college, Vijayawada on 13th September 2013.

12. M.Pradeep published paper on "Low power high speed parallel architecture for cyclic convolution based on fermat number transform (FNT)", Int. Journal of engineering research and application, Vol. 3, Issue 5, Sep -Oct 2013.pp.1203-1207

13. Mr. S. Hanumantha Rao presented paper on "Design and Simulation of Double Ridged Horn Antenna for Radar Applications", in International conference on communication and signal processing, NOV 3-5, 2014, India

14. Mrs. V. Priyadarshini, Asst.Professor, and Ms. A.Rajasree,Asst.Prof attended two day workshop on "Issues in Integrated Circuit Design", held at Gudlavalleru Engineering college, Gudlavalleru during 13th December to 14th December 2013.

15. Dr. K. Pushpa, professor presented a paper on "Implementation of dual precision floating point multiplier on FPGA", in International Journal of Electronics, Communication & Instrumentation Engineering Research and Development, (IJECIERD), ISSN(P): 2249-684X, ISSN(E): 2249-7951, Vol. 3, Issue 5, Dec 2013, 31-38K.

16. P.Akhendra Kumar, Asst.Professor, and Mr. D.V.Rama Krishna,Asst.Prof attended one day workshop on "Software Defined Radio "held at Vardhaman Engineering college, Hyderabad on 21st December 2013.

17. Murkty Raju published a paper on "Novel high speed higher order 128 bit adder for digital signal processing applications using advanced EDA", in International journal of electrical communication & instrumentation engineering research and development.

Students Activities & Achievements

1. General & Aptitude test was conducted under IETE on 29-6-2013 for the first year students. This was a written test comprising of questions from the areas of Aptitude, Verbal ability and Reasoning. A duration of 30 minutes was given to answer 20 questions. Active participation was seen from the students .

2. A technical event named RELAY was conducted under IETE on 1-7-2013 for third and fourth year students. The participants were divided into groups of two and this event has two sub-events namely Tech Dum and AlphaBeta. Tech Dum is a Dumb Charades

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game using technical words. In Alphabeta, the pair of participants were given an Alphabet, using which they were supposed list out the technical terms in a duration of 3 minutes .

3. A Hobby Projects Expo was conducted under IETE for the third and fourth year students to encourage the students towards gaining practical knowledge in building the circuits. This event was conducted in two phases. The 60 mini projects were presented by 240 students in the first phase. 15 projects were short listed for the final event. The projects were verified for their application, complexity and presentation.

4. ICE Breaking Program was conducted on 9th Sept. 2013 under ISTE . Over 200 students are participated in the event.
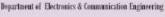
5. Engineers day was celebrated on 15 Sept.2013 under ISTE students and faculty are attended for this event.

6. A two day workshop was conducted on "Android" from 24th to 25th Nov 2013 under ISTE and over 300 students are participated in the workshop.

7. A technical Quiz contest was conducted on Nov 2nd,2013 under ISTE over 150 students are participated and prizes are distributed to winners

During Galaxy of Games

Best IETE student Forum Award for The Academic Year 2012-13

9. jayasree ch recived four gold medals on 20th june 2013 for over all topper of the university in the university examinations held during 2007-2011.

10. K.Sindhu has undergone a training on assistive technology organized by Shri Vishnu Engineering College for Women From 28th july 2013 to 3rd December and secured A grade.

ISTE Student Chapter Engineers Day Celebrations

8. HOTCHPOTCH was is conducted under IETEfor the second year students on 10-12-2013. The event is basically "Collage Making". The students were made into groups of six and were asked to choose a theme for their collage. 15 minutes of time was given to make the collage and 6 minutes of time was allotted to present their theme using the collage. The winners were declared based on the Teamwork, Beauty of the collage and their Presentation skills

Gold medals winner ch jaisree with dept. HOD

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11. Fifty one III B.Tech students completed their internship in the BSNL Hyderabad.

12. Four students from III B.tech completed their internship in ISRO Nagpur.

13. V. Vijaya Lakshmi, K.Aruna, M.Niranjani, B.Rajani,M.Divya, G.Mydhili & D.Lakshmi Sravya of III B.Tech have undergone training at Visakapatnam Steel Plant in Tele Communications from 6.5.2013 to 1.6.2013.

14. K.Swetha, G.Yamini Devi, K.Navya, A.S.Revathi & K.V.N.Anjana of III B.Tech have done the project in Data Logger in Effectronics.

15. M.U.N.V.Vyshnavi & E.Mounica have done their project in PA division of Bharat Electronics Ltd from 7.5.2013 to 7.6.2013.

16. P.Sirisha, J.Kranitja & Y.Vandana of III B.Tech completed their Internship in Infotech.

17. G.V.N.Sudha has successfully completed Idea Carnival Summer Internship on "Product Ideation and Prototyping" from 28th May to 6th July 2013 at BITS PILANI Hyderabad Campus.

18. J.Mounika and G.Hemasri has participated in the workshop on Assistive technology Solutions in minutes organized by Shri Vishnu Engineering College for Women during 15th December 2013 to 28th December 2013

Mr. S Hanumanta Rao
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.

VISION

" To become leading centre of learning that incorporates the academic excellence and latest trends in research to make a significant contribution to the society in the field of Electronics and Communication

MISSION

☞ To educate and empower the students with state of art knowledge and latest trends in electronics and communication engineering to meet the growing real world challenges

☞ To provide training to the students that bridges the gap between industry and academia

☞ To inculcate professional ethics and morals among the students

☞ To inspire the students to use technology for societal issues