

Electronics &
Communication
BUZZ.....

Department of Electronics & Communication Engg.,

Special points of interest:

- ☞ International day of people with disabilities
- ☞ A six day workshop on “VLSI DESIGN ”
- ☞ A FDP on “Recent Trends in Embedded Systems and IoT”



FDP on “Recent Trends in Embedded Systems and IoT”

Internet of Things, simply termed as ‘IoT’ is an advanced technology which the industries are starting to adapt into their operation. IoT is simply an UI that a user can integrate into almost all the electrical/ electronic devices to transform them into a smarter one. This technology is also preferred by many industries for the variety of applications it offers for a user like real-time analytics, analysis of collected data, cloud data storage, trigger an action based on a value an user sets, remote notification etc. Until then I only read about IOT and its impact in news but now I am seeing a guy sitting right next to me got a great opportunity in this emerging field.



This FDP is aimed to update with recent trends in embedded systems and IoT, this program will be useful for all the faculty members who are likely to teach and do the projects in Embedded Systems using IoT. On 6th November, the proceedings began with inauguration ceremony, with the esteemed presence of honorable Principal Dr. G. Srinivasa Rao, Convener & HOD of ECE Department Dr. G.R.L.V.N Srinivas Raju, along with coordinators Mr. K. Murthy Raju& Mr .M.V.Ganeswara Rao.

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Faculty Training & Publications

- [1] Dr. T.Sudheerkumar and Dr. G.S.N. Raju, "Synthesis of sector beams from array antennas using real coded genetic algorithm", published in Data engineering & intelligent computing advances in intelligent systems and computing (Springer), Vol. 542, June, 2017, ISBN: 978-981-10-3223-3.
- [2]. Dr. K.Padmavasavi, "A wireless sound alert and person identity notification system for people with hearing disabilities", published in A Book series in advances in intelligent systems and computing (ASIC Springer), Vol. 468, pp 359-367.
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- [14]. T.Sairam Vamsi, Ramya P, Dr.G.R.L.V.N.S Raju "A Survey on Underground Distributed Wireless Sensor Networks:Design & Research Challenges" in International Journal of Computer Networks and Wireless Communications (IJCNWC), ISSN:2250-3501, Volume-07, Issue-06, pp.05-08.
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. Students Activities & Achievements

IETE Activities

Seek the Krets

IETE STUDENTS' FORUM conducted an event named 'Seek the Krets'on 03.07.17 at 4:30pm. It's a technical event conducted for 1st year students. In this event the participant have to find the technical word from the given pictures. This event improves the student observation skills and technical skills. We had conducted this event on inaugural. The total no. of participants in this event is 500 members.



Hobby Project Expo

IETE STUDENTS' FORUM conducted 'Hobby Project Expo' on 14.07.17 from 3pm onwards. It's a technical event conducted by II year and III year student coordinators. All the III years participated in it. They exhibited their projects which included core concepts relating to gadgets, circuits, etc. Students were divided into batches containing 4 members each. All the faculty members and students visited the expo and it was a successful event. The winners were declared based on voting system. Total no. of participants are 216.

ISTE Activities

ISTE students forum of SVECW conducted ICE BREAKING GRAND EVENT on 31-08-2017. around 500 students are participated in this event.



International Day of People with Disabilities

The International Day of People with Disabilities was observed on 3-12-2017. In this event we did distribution of ATL projects to the beneficiaries and ATL project exhibition for the students of SVES Bhimavaram. We have distributed 17 items to the clients and have displayed 12 projects in the exhibition. The superintendent of police, West Godavari and Dr. U V Ramana Raju invited as chief guest.



A Six Day Workshop On VLSI DESIGN

The main purpose of this workshop is to provide an opportunity for engineering faculty from Academic Institutions, engineers from Industries and Post Graduate Students to get the exposure and interaction with the field experts, who are involved in the research and development activities in VLSI Design. Eminent persons from industry will be invited to deliver special lectures and demonstrations. In addition to giving exposure to



recent topics of designing VLSI circuits for Mixed Signal Circuits using EDA tool like Mentor Graphics and ADS (Advance Design System).



The Workshop provided the inputs to participants to do their research and development activities in the area of VLSI Design and related applications. Therefore solutions for the many real world problems will be attempted in an efficient way using the EDA tools.



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, Delhi)**.

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, 20% lateral entry students join the department at II B.Tech. level.

The B.Tech. (ECE) program is duly approved by the AICTE and Government of Andhra Pradesh and affiliated to Jawaharlal Nehru Technological University (JNTUK), Kakinada. The department has a number of State of the art & well-equipped laboratories and provides excellent fa-



Editorial Board:

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