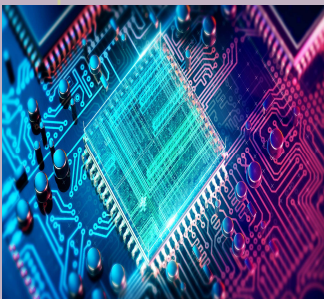


Department of Electronics & Communication Engg.,

Electronics &
Communication
BUZZ.....

Special points of interest:

- ☞ International day of Differently able People
- ☞ Visit of “Dr. William Oakes - Director EPICS, Purdue University”
- ☞ A Three Day student Workshop Under “EPICS”



International Day of persons with Disabilities

The 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 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.



Dignitaries on the Dais

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Distribution of Projects to Clients

Dr. G Srinivasa Rao principal ,Dr. Padamavasavi , Dean ATL , HODs and staff of deferent departments are attended to this event.

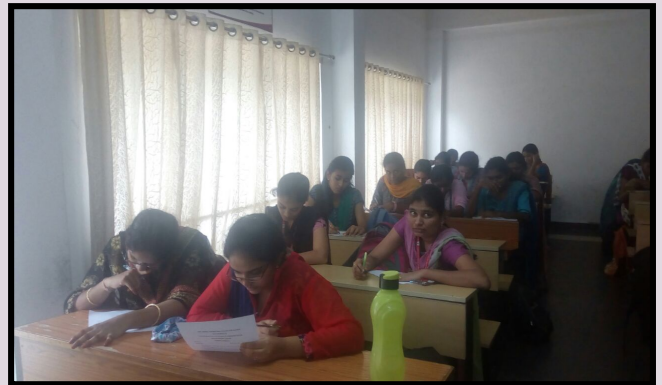
Faculty Training & Publications

1. K.Bala Sindhuri,K.Padma Vasavi,I .Santi Prabha "Realization of a Low Power and Area-Efficient VLSI Architecture for FIR Filter using modified MAC",Next Generation Computing Technologies-2018,Dehradun,21st-22nd November,2018.
2. K.Bala Sindhuri,K.Padma Vasavi,I .Santi Prabha "Reconfigurable FIR Filters-A survey", Accepted for International conference on Smart Systems and Inventive Technology [ICSSIT 2018],Coimbatore, December 13- 14, 2018.
3. B.R Sanjeeva reddy, S.Hanumantha rao, " Parametric analysis of Modified Modulation technique for AWGN and raleigh channel" International conference on recent trends in Engineering, Applied Science & Management (ICRTESSM-2018), organized by Osmania University campus on 5th august 2018.
4. S.Harshini, S.Hanumantha rao, "A New methodology for the design of multipliers for efficient area-power saving" International conference on recent trends in Engineering, Science & Management (ICRTESSM-2018), organized by Osmania University campus on 20th October 2018.
5. M Pradeep , Y Srinivasa Rao "Enhancing The Underwater Image Using Stationary Wavelet Transform" International Journal Of Multimedia, Image Processing And Pattern Recognition Vol. 1, Issue 1- 2018.
6. V Radha Haneesha & Vemu. Srinivasa Rao, "Abit-Plane Decomposition Row-Based Pipelined Vlsi Architecture For Hvc" International Journal Of Research, Volume 05 Issue 20 September 2018.
7. B.R Sanjeeva Reddy, S.Hanumantha rao, " Parametric analysis of Modified Modulation technique for AWGN and raleigh channel" in Journal of Engineering technology and Innovation Research (JETIR), ISSN: 2349-5162.
8. S.Harshini, S.Hanumantha rao, "A New methodology for the design of multipliers for efficient area-power saving" International journal of management technology & Innovation, Volume-08, Issue-10, October-2018, PP 1520-1531.

Students Activities & Achievements

IETE Activities

IETE STUDENTS' FORUM conducted an a grand technical event named 'Kaun Banegi Hoshiyar' on 22-07-2018 for II and III year students. IFS conducted another two more events named Jumble Quest and Techno craft fo the II year students only. 108 students are actively participated in these events..



Award of Ph.D



Congratulations to Dr. S Hanumanta Rao for being awarded Ph.D for his thesis "Genetic Algorithm based Optimization of Microstrip Patch Antenna Design " from JNTUH Hyderabad.

HANDS ON TRAININGS



Embedded Systems and Verilog Hands on Training for Final year Students is conducted for the support of placements by Mr. M. V. Ganeswara Rao. and Mr. R. Ashok Chaitanya Varma.

Around 80 students got trained in both the domains for the duration of 15 days. The students are trained on 8051 programming using Keil tools and Cadence Tool for VLSI design.

Award of Ph.D



Congratulations to Dr. Pradeep Mullangi On successful completion of his Ph.D from Andhra University. Title of the Thesis: Studies On Classification Of Skin Diseases, Enhancement For Underwater Images And Encoding and Decoding Algorithm for JPEG Images.

ISTE Ice Breaking Session

Ice breaking event is organised with a motto to break the ice between the first year students and their new college surroundings and atmosphere. It is a platform for them to enhance their communicative skills and help them in exploring their hidden talents .



The event consists of five rounds namely Drop By Caption Flash And Drip , Voice The Risible , Catch The Kin , Tid Talk , Binal Facade. Each event is ex-

plained further in detail. All the winners are awarded certificates for their respective events.



Design Thinking Course on Engineering Projects in Community Services (EPICS)

Shri Vishnu Engineering College for Women (A) organized a Three day workshop on Design Thinking Course on Engineering Projects in Community Services (EPICS) during 3 – 5 December 2018. A total of 100 students have participated in the workshop from different branches like ECE, CSE, EEE, IT and Mechanical Engineering. The workshop was inaugurated by Prof. P Venkata Rama Raju, Single Point of Contact, APSSDC from SVECW. He mentioned the importance of EPICS and how to take it forward in future. All the 100 students are grouped in 17 groups with varied disciplines.

Dr. T Sudheer Kumar, Dr. D Dharmaiah, Mr. V Lakshmi Narayana and S Dileep Kumar Varma delivered lectures on EPICS during three days. The Workshop was concluded with a feedback session and valedictory function. Prof. G. Srinivas Rao, Principal, SVECW (A) is the president of the function. Prof. P. Srinivasa Raju, Vice Principal, SVECW(A), Prof. P Venkata Rama Raju, SPoC, APSSDC, SVECW(A) and Dr. T Sudheer Kumar, Coordinator of the Workshop were present.



EPICS Team Visit

Dr. William Oakes - Director EPICS, Purdue University, Mr. Kantha Reddy - Director Operations - IUCEE India and Ms. Alekya Boyapati from APSSDC visited Shri Vishnu Engineering College for Women (A) on 29.10.2018. The team interacted with the Principal, Vice Principal and Heads of the Departments and discussed the importance of EPICS and Action Plan to implement and how take forward in addressing the Community Related problems. After wide discussions, the team reviewed five projects that were undertaken by the EPICS faculty of SCECW (A). Dr. Oakes have appreciated the progress of the Projects and suggested some constructive improvements to take forward the projects.



Industrial Visit

The department of Electronics and Communication Engineering, Shri Vishnu Engineering College for Women (Autonomous) has organized an Industrial Tour for the Pre-Final Year Students during September 2018. About 131 students along with 7 faculty members have participated in the Industrial Tour. The students are visited Indian Telecommunication Industry Limited, DPC Ltd and ISRO-ISTRAC have accepted our request to visit their facilities. In addition, the students have also shown interest to visit Visvesvaraya Industrial and Technological Museum and HAL Heritage Museum.



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**.



Editorial Board:

Dr. G. R. L. V. N. Srinivasa Raju. HOD

Dr. K. Pushpa, Professor

Dr. K. Padmavasavi, Professor