



ECE HERALD

NEWSLETTER...



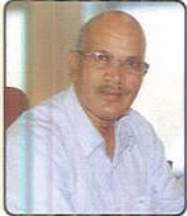
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

January - March 2018

Volume : 4

Issue : 1

Message by Academic Director



It has been a pleasure to welcome the new issue of the newsletter to the world. Truly it reflects the enthusiasm and energy of the department in bringing out the potential onto the front through a variety of academic, technical and extra-curricular activities. Hearty Congrats to the editorial team!

Prof. A. Sesa Rao

Message by Principal

I am very much enthused with the comprehensive growth trends of the department which have been mirrored in this newsletter. A newsletter shall showcase the achievements which shall act as a source of inspiration to others. With best wishes!



Dr. J. Sudhakar

Message by Head of the Department



It is my pleasure to share that the department is spreading its antenna in the form of extended exposure to its students and faculty on the frontiers of Electronics and Communication Engineering apart from regular engineering curriculum to prepare them to face the challenges of today's corporate world. This newsletter brought all those vibrations in print. With best wishes.

Mr. Ch. Ramesh Babu

Vission

To emerge as a center of excellence in the field of Electronics & Communication Engineering to produce competent women engineers with ethical values

Mission

- M1** : To train the globally employable engineers through effective teaching learning process, industry ready skills and value added courses.
- M2** : To promote highr education and research initiatives through continuous industry interaction and special skill development programs.
- M2** : To promote ethical values, personality and leadership skills through extra and co-curricular activities.

Editorial Board

Chief Editor :

Prof. J. Sudhakar

Principal

Editor :

Mr. Ch Ramesh Babu

Assoc. Prof & HoD-ECE

Members

Prof. T. Radha Krishna Murty BS&H

Dr. B. Prasad, Assoc. Prof.

Mrs. S. Gayathri, (IV ECE)

Mrs. K. Chandra Sravani (III ECE)

Guest Lecture on Core of Electronics and Electromagnetic Interfacing on 17th Feb 2018.



Mr. B.Subba Rao, Programme Director of SAMEER (Society for Applied Microwave Electronics Engineering and Research), Visakhapatnam lectured on **Core of Electronics and Electromagnetic Interfacing**. The lecture was attended



1. Details of Publications in Scopus and UGC Journals

Published Papers by Faculty:

- ❖ **Mr. Ch. Ramesh Babu** Assoc. Prof., published a paper on “Automated ECG Signal Quality Assessment based on Wavelet Decomposition for Baseline Wander Noise Removal” in **IJRECE** of Vol.6, Issue 2, ISSN: 2393-9028., Apr.-June 2018.
- ❖ **Mr.K.V.Ramana rao** Assoc. Prof., published a paper on “Backscattering Coefficient Measurement Land Use Land Cover Classification Using ENVISATASAR data” in **Scopus (IJET)** of Vol.7, Issue 2, ISSN: 2319-8613., Apr 2018.
- ❖ **Mr. Ch. Ramesh Babu** Assoc. Prof., published a paper on “A Novel architecture for the realization of IoT enabled ECG Signal quality assessment using wavelet decomposition for baseline wander removal” in **Scopus Indexed (Defence S&T Technical Bulletin)** of Vol.11, Issue 1, ISSN: 1985-6571., June 2018.
- ❖ **Mr. Ch. Ramesh Babu** Assoc. Prof., published a paper on “A Novel Architecture for the realization of an Internet of Things-Enabled ECG Signal Quality Aware using Empirical Mode Decomposition for Healthcare System” in **International Journal OF Engineering & Technology** of Vol.7, June 2018.
- ❖ **Mr. Ch. Ramesh Babu** Assoc. Prof., published a paper on “A Novel Architecture for IoT- Enabled ECG Signal quality Assesment Using Hilbert Variation Decomposition based on PSoC System-A Survey in **Journal of Adv Research in Dynamic & Control Systems** of Vol.10, Issue 4, June 2018.
- ❖ **Mrs. T. Sandhya Kumari** Assoc. Prof., published a paper on “Low Contrast Image Enhancement Using Renyi Entropy” in **Scopus Indexed(Defence S&T Technical Bulletin)** of Vol.11, Issue: 1, ISSN:1985-6571 June 2018.
- ❖ **Mrs. Ch. Anitha Bhavani** Asst. Prof., published a paper on “Low Contrast Image Enhancement Using Renyi Entropy” in **Scopus Indexed(Defence S&T Technical Bulletin)** of Vol.11, Issue: 1, ISSN:1985-6571 June 2018.
- ❖ **Mrs. D.Vijaya lakshmi** Asst. Prof., published a paper on “Low Contrast Image Enhancement Using Renyi Entropy” in **Scopus Indexed(Defence S&T Technical Bulletin)** of Vol.11, Issue: 1, ISSN:1985-6571 June 2018.

2. Work Shops Attended:

- ❖ **Mr. Ch. Ramesh Babu** of ECE attended a workshop on “Practical Implementation of Smart City Systems” conducted by NIT Rourkela on 21st to 25th May 2018.
- ❖ **Mr. K.Rajendra prasad** of ECE attended an FDP on “AWS Skill Guru workshop” conducted by Vignan’s Institute of Engineering for Women on 30th -31st May 2018.
- ❖ **Mr. B. Srinivasa rao** of ECE attended an FDP on “AWS Skill Guru workshop” conducted by Vignan’s Institute of Engineering for Women on 30th -31st May 2018

3. FDP/Courses Attended by Faculty

Courses

- ❖ **Mr. B. Sasi kanth** of ECE did a course on “Introduction to the internet of things and Embedded systems” Conducted by University of California, Irvine on 21st May 2018.
- ❖ **Mr. B. Sasi kanth** of ECE did a course on “Interfacing with Arduino” Conducted by University of California, Irvine on 22nd May 2018.
- ❖ **Mr. B. Sasi kanth** of ECE did a course on “The Raspberry Pi platform and Python programming for Raspberry Pi” Conducted by University of California, Irvine on 26th May 2018.
- ❖ **Mr. B. Sasi kanth** of ECE did a course on “Interfacing with the Raspberry Pi” Conducted by University of California, Irvine on 2nd June 2018.

FDP’S

- ❖ **Mrs. Ch. Padma Vani** of ECE did a FDP on “Applications of embedded systems to internet of things (AESIOT)” Conducted by Lendi engineering college, vizianagaram, on 16th–21st Apr 2018.
- ❖ **Ms.P.Kamala** of ECE did a FDP on “Applications of embedded systems to internet of things (AESIOT)” Conducted by Lendi engineering college, vizianagaram, on 16th–21st Apr 2018.
- ❖ **Mrs.D.Vijaya Lakshmi** of ECE did a FDP on “Applications of embedded systems to internet of things (AESIOT)” Conducted by Lendi engineering college, vizianagaram, on 16th–21st Apr 2018.
- ❖ **Dr.P.A.Nageswara Rao** of ECE did a FDP on “Machine Learning and Evolutionary Computing” Conducted by Aditya Engineering College Kakinada, on 4th -6th May 2018.
- ❖ **Mr. B. Sai Bharadwaj** of ECE did a FDP on “Machine Learning and Evolutionary Computing” Conducted by Aditya Engineering College Kakinada, on 4th -6th May 2018.
- ❖ **Mr. D. Tilak Raju** of ECE did a FDP on “Machine Learning and Evolutionary Computing” Conducted by Aditya Engineering College Kakinada, on 4th -6th May 2018.
- ❖ **Mrs. Ch. Anitha Bhavani** of ECE did a FDP on “Machine Learning and Evolutionary Computing” Conducted by Aditya Engineering College Kakinada, on 4th -6th May 2018.
- ❖ **Mr.P.Gopi Krishna** of ECE did a FDP on “Machine Learning and Evolutionary Computing” Conducted by Aditya Engineering College Kakinada on 4th -6th May 2018.

4. Conferences Attended

- ❖ **Mr. Ch. Ramesh Babu** Asst.Prof., of ECE attended a conference on “3rd International Conference on Innovative Trends in Engineering, Applied Science and Management” and published a paper titled “Automated ECG Signal Quality Assessment based on Wavelet Decomposition for Baseline Wander Noise Removal” on June 2018.

MARCH-APRIL (RAY OF HOPE)

- Something that holds the promise of hope and be available is the true meaning of ray of hope. Every year under “NAVITAS” we organize a charity event. For the past 6 years every year we have been to old homes, orphanages and spending good time with them at least once in a year.
- This year students have been to an orphanage where children are suffering from polio and malnutrition. From the funds we have, we tried best to provide them all the essential goods for their living and also conducted recreational activities for all those orphans.



STUDENTS ARTICLE:-

- Its really sad to see the little once left all alone with no care to be called as their family. But at the same time, seeing all of them united as a family brings joy, the experience with them really is unforgettable. Visiting the orphanage is a life changing experience and you start appreciating the little things in life when you see people who don't have them.
- These children are really talented; some of them good at singing and some good at dancing and some just have enough talent to excel in education! Simply observing their talent makes you feel happy and you wish you could spend as much time with them as possible.
- If there is one occasion that gives me a lot of happiness and which I look forward to most, it has to be this activity. I feel I am born to spend at least a quarter of my life with these children.

NAVITA'S QUIZ FOR CRT STUDENTS

Campus recruitment training program is a comprehensive training which runs for 3rd year engineering students, which enhance the skills like quantitative, logical reasoning, group discussion, etc to aid candidates in their preparation for recruitment through campuses or outside campuses. As CRT plays a crucial role in student's life, Navitas had conducted a technical quiz on Reasoning, Aptitude and Programming during the month of March, 2018.

The following are the students who won the Prize :



Sridevi,



Bhavya



Ujwala



VIGNAN'S

INSTITUTE OF ENGINEERING FOR WOMEN

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