



# TECHNO DIGEST

---Newsletter from Department of ECE

**GEETHANJALI**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Chairman: Sri G. R. Ravinder Reddy**

**Principal: Dr. S. Udaya Kumar**

**Prof. B.Hari Kumar**  
**Head of the Department**

## **EDITORIAL COMMITTEE**

**Prof. K. Soma Sekhara Rao**  
**Dean (Student Affairs)**

**Ms. D Sony**  
**Assistant Professor**

## **STUDENT COORDINATORS**

**Y Sai Vishwanath**  
**IV Yr ECE B-Sec**  
**(14R11A04B6)**

**A Pranav Raju**  
**IV Yr ECE D-Sec**  
**(14R11A04M6)**

**B.L.N.A. Karthik**  
**III Yr ECE B-Sec**  
**(15R11A0466)**

### ***HoD's Message***

It gives me immense pleasure to pen a few words of prologue on the occasion of publishing the **Tenth Volume** of **Techno Digest**, the Newsletter from our Department of ECE. It mirrors the scholastic abilities exhibited by our students and the continuous progress made by the department in various aspects. This edition of the newsletter depicts all the important activities carried out during **July to December 2017**.



The department presents a right blend of traditional and modern education to the students by not only limiting itself to imparting of technical knowledge through a structured curriculum but also by bringing in the much sought after training concepts such as CRT, FINISHING SCHOOL, Aptitude and Vocabulary to the students for enhancing their employability skills. It is good to observe that there is a drastic improvement in areas of industrial visits, internships, student peer learning activities, value added courses and workshops.

I am confident that the department along with the college grows further and scales to new heights in translating the dreams of students into reality by transforming them into technically competent engineering graduates and responsible citizens of India

For better propagation of these activities to the student community, from now onwards softcopy of newsletter will be sent to the student group mails. A few printouts will be kept in the department library as well.

Prof. B. Hari Kumar

### Research Publications from the Department:

- ◆ **Dr.C.V.Narshimulu**, Professor, ECE presented a paper on “**A Roboust Hybrid Video Marking Algorithm Using NSCT & SVD**” in IEEE International Conference on Power,Control,Signals and Instrumentation Engineering , 21st-22nd Sept, 2017.
- ◆ **Mr. P.Sudhakar**, Associate Professor, ECE presented a paper on “**Noise & S/N Ratio Improvements of Mie**” in 38th Asian Conference on Remote Sensing 23rd-27th Oct, 2017.
- ◆ **Mr. P.Sudhakar**, Associate Professor, ECE presented a paper on “**Lidar Studies on Atmospheric Aerosols at a Semi-urban Station Cheeryal**” in 38th Asian Conference on Remote Sensing 23rd-27th Oct, 2017.

### FDPs attended by the Department Staff :

- ◆ **Ms. A. Sowjanya**, Assistant Professor, ECE attended an FDP on “Advanced Electromagnetic Engineering” during 2nd-8th Nov ,2017 at Osmania University.

### FDPs conducted:

- ◆ In – house MPMC lab Training was conducted for the Faculty during 25th-30th Nov, 2017 where 12 Faculty members participated.

### NSS Activities:

- ◆ Distribution of Stationary to Primary school students of Cheeryal Village on 08th Aug , 2017.
- ◆ Distribution of Stationary to Primary school students of Yadgarpally, Thimmaipally, Anthaipally Vilages on 11th Aug , 2017.
- ◆ Faculty & Students attended “Swachh Bharath Hackthon” program conducted by Govt. of Telangana in Hyderabad.

### Department of ECE got enriched with the inclusion of:

- ◆ Mr.Anjaneyulu, Lab Assistant.
- ◆ Mr.Srinivasulu, Lab Assistant.
- ◆ Mr.Venkateshwarulu, Lab Assistant.
- ◆ Ms. Rani Department, Office Assistant.

### Workshops/Guest Lectures Organised:

1. A Guest lecture was conducted on “Recent Trends in Antennas” by “**Dr. S. Sathees Kumaran**” to III Year ECE Students on 8th December , 2017.
2. A Guest lecture was conducted on “Evolution of 5G” by “**Mr. Vara Prasad Karamchedu**” Director of Technical Solutions & Business Development, Award Solutions Inc., UK to III Year ECE Students on 31st October , 2017.
3. A Guest lecture was conducted on “Motivational Lecture to join Defense” by “**Col.V M Swamy**”, Retd., Karimnagar Div. to III Year ECE Students on 20th October, 2017.

**Bhaswara 2K17:** The institute has organised 12<sup>th</sup> National Technical Paper and Project Congress which serves as a perfect platform for the young Generation to excel and sharpen their intellectual skills in General and Technical skills in particular for which participation is invited. The two day National Technical Paper and Project Presentation Congress has thrown immense opportunity for the students to enrich their technical skills by interacting with renowned professors and resource persons who graced the occasion. Bhaswara fest conducted by Geethanjali College encourages many aspirants to actively participate in the events conducted as part of it and even more. The event was held on 13<sup>th</sup> and 14<sup>th</sup> Oct, 2017. As a part of Bhaswara, Department of ECE has conducted a few events. The following table gives details of winners of the events organized by the Department.

Name	Year /Roll No	Institute	Grade
<b>E-JAM</b>			
K.V.Nikhil	III/15R11A04	GCET	I
Charles Finney	MBA - 24	Loyola	II
Loretta	MBA - 19	Loyola	III
<b>CIRCUIT ASSEMBLY</b>			
G.Narasimha	III	GCET	I
M.Naveen	III	GCET	I
P.Sravya	III	GCET	II
V.Gayathri	III	GCET	II
Ch.Soniya	III	GCET	III
C.Gayathri		GCET	III
<b>AMAZING IDEAS</b>			
P. Anil kumar		GCET	I
K. Vinay kumar		GCET	I
Deshmukh Janhavi		GCET	II
V. Prashanth		GCET	II
Aashika		GCET	III
Lakshmi		GCET	III
<b>DOING KNOWN THINGS FAST</b>			
K Amith Narayana	III/15R11A04	GCET	I
S Pooja	IV/14R11A04	GCET	II
T Sahith	III/15R11A04	GCET	III
<b>TECHNICAL QUIZ</b>			
T. Amulya	III/16R15A04	GCET	I
K. Susmitha	III/16R15A04	GCET	I
B. Vidya vaishnavi	III/15001A04	JNTUA	I
P. Uday kumar	III/15R11A04	GCET	II
R. Shiva kumar	III/15R11A04	GCET	II
M. Ravi kumar	III/16R15A04	GCET	III
K. Prashanth	III/15R11A04	GCET	III
R. Upendar	III/16R15A04	GCET	III
<b>TECHNICAL TREASURE HUNT</b>			
Eswar Hemanth	II/16R11A042	GCET	I
M Ravi kumar	III/16R11A04	GCET	I
Prashanth	III/15R11A04	GCET	I
Prathyusha	III/15R11A04	GCET	II
Hari Prem	III/15R11A04	GCET	II
Ch Myna	I/17R11A05K	GCET	III
Ch Gayathri	I/17R11A05K	GCET	III

**Memoirs**

### Faculty Interaction with Outside the World

1. [Dr.V.Satya Srinivas](#), Associate Professor, Dept. of ECE acted as a Resource Person for the Refresher Course held on 7<sup>th</sup> July 2017 at CMR Engineering College, Hyderabad.
2. [Dr.R.Suryanaraya Raju](#), Professor and Dean (R&D) acted as a Resource Person for the Conference during 26<sup>th</sup> to 28<sup>th</sup> July 2017 held at TEC, Mumbai
3. [Prof.B.Harikumar](#), Professor, Dept. of ECE delivered a lecture on “Microwave Oscillators” on 1st September 2017 for IV B.Tech. students in Anurag Group of Institutions, Hyderabad.
4. [Mr.U.Appala Raju](#), Associate Professor, Dept. of ECE acted as the Resource person during the invited talk at AIET, Hyderabad on 21<sup>st</sup> October 2017.
5. [Dr.Vijaya Gunturu](#), Professor, Dept. of ECE acted as the Resource person during the invited talk at Anurag Group of Institutions, Hyderabad on 21<sup>st</sup> December 2017.
6. [Dr.C.V.Narasimhulu](#), Professor, Dept. of ECE acted as a Member for the National Seminar held during 29<sup>th</sup> to 30<sup>th</sup> November 2017 at Institute of Engineers, Hyderabad.
7. [Dr.S.Suryanarayana](#), Professor, Dept. of ECE acted as a Member for the National Seminar held during 29<sup>th</sup> to 30<sup>th</sup> November 2017 at Institute of Engineers, Hyderabad.

**Contact details for Publication:**

Ms.D.SONY, Assistant Prof. ECE.  
mailid:technodigest.ece@gmail.com