

About the College

Geethanjali College of Engineering and Technology (GCET) was established in the year 2005 with the sole objective of providing quality technical education accessible and affordable to youth of our nation. The college has excellent infrastructural facilities and modern laboratories. It also has highly competent and dedicated faculty. College has been recognized as an R&D centre by Scientific and Industrial Research Organization (SIRO). The college offers Undergraduate programs in engineering branches, namely, CSE, ECE, EEE, ME and CE with a total intake of 840 students. Three of its undergraduate programs, namely, CSE, ECE and EEE have been accredited by NBA in July 2015. The college was conferred “**Autonomous**” status by UGC with effect from Academic Year 2016-17 for a period of six years. GCET is accredited with ‘A’ grade by NAAC in 2017 with a score of **3.36 on the scale of 4** which is **the highest** in the state of Telangana. College also got ISO 9001:2008 certification in 2011. College also offers postgraduate program in MBA with an intake of 60 students and M.Tech programs such as Embedded Systems and VLSI System Design as specializations in department of ECE, Power Electronics specialization in department of EEE and Computer Science specialization in department of CSE.

About ECE Department

The Department of Electronics and Communication Engineering (ECE) was started in the year 2005 with an initial intake of 60 students. Right from its inception it is continuously striving to impart quality education and promoting competitive spirit among students for academic excellence. The intake is enhanced to 240 w.e.f 2013-14 academic year. The department has well equipped laboratories with good infrastructure. The department has highly qualified and experienced faculty. A good number of technical

papers are published by the faculty in National/International conferences proceedings/Journals. The Department has signed MOUs with various organizations to provide real time training to the students in the field of advanced communications, VLSI, Networking and Embedded Systems. The department has been sanctioned a DST project titled “Design and Development of Multi wavelength Laser Radar(LIDAR) with overall budget of 34.58 lakhs in the academic year 2010-11 and successfully completed in 2014-15. One more project titled “Investigation of Linear Combinations of GNSS Measurements to Mitigate the Effect of Ionosphere and Multipath”, is also sanctioned by DST with grant of Rs. 21.5 Lakhs and is being carried out. The department was sanctioned by DRDO a major research project entitled “development of novel carbon Nano tube/polymer Nano composite materials for EMI applications”, in April 2018 with and overall budget of Rs: 45.81 Lakhs. Two more projects are in queue for sanction.

Aim of the programme

This FDP is intended to provide opportunity for young faculty members working in engineering colleges and research scholars to enrich their depth and breadth of knowledge in the area of Electronic Circuit Analysis and Design. The hands-on sessions are designed to simulate the designed circuits and verify the response whether meeting the specification. The software package used for hands-on sessions is MultiSim. Electronic Circuit Analysis is a fundamental course for various undergraduate programs namely ECE, EIE, ECM, ETM and EEE in their 2nd year 1st or 2nd Semester of any university or autonomous curriculums. This course is a pre-requisite for PDC, Analog Electronics, Analog Communications, Linear and Digital IC applications, VLSI design, etc.

Topics to be covered:

- Classifications of Electronic circuits
- Types of Analyses.
- Concept of two port networks

- Analysis and Design aspects of Single-stage and Multi-stage amplifiers and simulations using MultiSim.
- Analysis of Feedback amplifiers
- Analysis of Tuned Amplifiers
- Noise considerations in amplifiers

Resource Persons:

Eminent personalities with expertise in related fields from reputed institutions like NIT, CBIT, SNIST, CVR and other Engineering colleges.

Eligibility:

Faculty of technical institutions with Electronics & Communications Engineering, Electrical & Electronics Engineering, Electronics & Instrumentation Engineering, Electronics & Computer Engineering departments and research scholar.

Registration and Fee Particulars:

Registration Fee: Rs 1000/-

Participants are requested to register by filling in the registration form and send the same to the Coordinator along with the DD in favor of “**The Principal, Geethanjali College of Engineering and Technology**”, payable at **Hyderabad,**. Registrations can also be done on the day of workshop, if there are any seats left over. Max. No. of participants is being restricted to 50 (First come first served basis)

Important Dates:

Last date for receipt of registration form: 20/06/2018

Note: Registration form along with scanned copy of DD may be submitted through E-mail (ssn68@rediffmail.com or analogfdp2018@gmail.com) followed by hard copy.

**A
ONE WEEK
Faculty Development Program
On**

**“Aspects on Design and Analysis of
Analog Electronic Circuits with Hands-on
sessions using MultiSim”**

25th - 30th June, 2018

Registration Form

Name:

Designation:

Organization:

Professional Experience (years):

Address for Communication:

.....

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Mobile:.....

E-mail:.....

Payment Details:

DD No: Date:.....

Bank: Branch:.....

Declaration

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDP.

Place:

Date: Signature of the Applicant

Sponsorship

Mr./Mrs./Dr..... is an employee of our institution and is here by sponsored for attending the above FDP.

Place:

Date: Signature of the Principal

ORGANIZING COMMITTEE

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Sri.G..Ravinder Reddy
Secretary

Patron

Dr.S.Udaya Kumar
Principal

Convener

Prof. B. Hari Kumar
HoD-ECE

Coordinator

Dr. S.Suryanarayana,
Professor.

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Mr. P Chandra Prakash Reddy, Asst. Prof.

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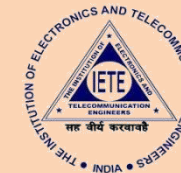
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**Organized by
Department of**

Electronics & Communication Engineering



GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)

(Accredited by NBA and Accredited by NAAC with 'A' Grade)

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