

ABOUT THE COLLEGE

Alpha College of Engineering (ACE) is approved by All India Council of Technical Education (AICTE), affiliated to Anna University, Chennai excepting first year programs which are affiliated to Anna University of Technology, Chennai. ACE was started in the year 2006-2007 with four UG programmes viz BME, CSE, ECE and IT, with an intake of 240 students and in two years the intake was increased to 360, additionally with PG program, MBA. ACE is one of the new colleges with progressive and initiative outlook with traditional roots.

ACE is located at 4 kms on Bangalore highway from Poonamalle, Chennai. It is situated in an elegantly landscaped 65-acre campus with one lakh and sixty thousands sq.ft of built up area. ACE promises its students the best environment to acquire knowledge and improve skills.

The college has qualified and dedicated faculty members and the faculty team motivates the students scientifically and creates the eagerness to all round growth. ACE visualizes a modern center of excellence for research and development in the field of Engineering and Technology. Therefore academic quality and spirit of excellence are its cherished objectives. ACE is committed to the development of cutting edge technologies and has a vision to emerge as beacon light for the Engineering and Technological needs.



ABOUT THE DEPARTMENTS

Electronics and Communication Engineering

The Department of ECE has 5 years of excellent service. It has spacious and well-equipped laboratories and classrooms. The department has well experienced, highly qualified faculty members. It has successfully imparted knowledge to numerous students. The department association organizes national level symposiums with various academic activities like Seminars, Guest Lectures, Industrial Visits and Personality Development Classes, Placement Training etc which helps to improve the students caliber. The department has shown exponential growth in terms of modernization of the existing laboratories and establishment of new laboratories equipped with state-of-the-art facilities, curriculum development in consonance with the industrial needs, placement of the students, and research papers publication of the faculty members. Some of the major research areas which the faculty members and students are working on Networks, Signal & Image Processing, Microwave & Optical engineering, Wireless Communication, Embedded Systems and VLSI design.

Biomedical Engineering

Biomedical Engineering is a rapidly changing interdisciplinary domain, to yield a fundamental understanding of health maintenance processes and improved diagnosis, optimal interventional (surgical, therapeutic & rehabilitative) procedure, prosthesis and system, health-care systems performance and econometrics. The department is blessed with young and energetic team of faculty members. The state of art of infrastructure is available in the department that includes well-equipped laboratories and research facilities. The department continues to evolve to match the accelerated pace of biomedical engineering developments. The major research areas are Biosensors/Biochips, Medical image processing, Bio-signal processing, Bio-medical applications using virtual instrumentation LabVIEW software and Micro-Electro Mechanical System (MEMS).

CONFERENCE THEME

The aim of the conference is to bring together researchers, scientists, engineers, industry experts and academicians to exchange their innovative ideas and research findings on different technical dimensions of electronic systems. This creates awareness and provides a perfect platform for the participants to upgrade their knowledge and experience of the latest developments and innovations in electronics engineering. Also this conference will reduce the communication gap between industrialists and academicians.

CALL FOR PAPERS

Topics of interest include more in these specializations but not restricted to the following

- Signal Processing
- Industrial Instruments & Automation
- Biomedical Instrumentation
- Pattern Recognition and Machine Intelligence
- Embedded Systems
- Neural Networks
- Bio-Informatics
- Mobile Communications
- VLSI
- Applications of Microwaves and Optics
- RFID

SUBMISSION GUIDELINES

All full papers submitted will be subjected to a review process through review panel. Comments of the reviewers will be directed to the authors prior to the camera-ready paper submission deadline, so that they can be accommodated in the camera ready papers. The Full paper should not be more than 6 pages (maximum) and paper should follow the common template for inclusion in the conference proceedings. The common template guidelines are available at http://www.ieee.org/publications_standards/publications/authors/authors_journals.html.

All submissions (PDF or DOC format) can be submitted through E-mail to nciee11@alphagroup.edu.

IMPORTANT DATES

Submission of full paper	: 10 th Dec 2010
Paper acceptance notification	: 6 th Jan 2011
Submission of camera-ready paper	: 20 th Jan 2011
Last Date for Registration	: 20 th Jan 2011

REGISTRATION FEE

Industry delegates	: Rs. 1000/-
Academicians, Research scholars and Students	: Rs. 750/-

· Certificates will be issued only to the authors who present papers.

· Mail your queries to nciee11@alphagroup.edu