



Internship

Airports Authority of India Apartmentadda Ascend Telecom Bharti Airtel BHEL BSNL Caterpillar Electronics Technologies Hindustan Aeronautics Petrofac Engineering Reliance Communications	Renault Nissan Automotive Salcomp Manufacturing Samsung R & D Samsung Semiconductors TCS Voicetek Business System Wipro TVS Electronics Vi Microsystems
--	---

Personality & Character Development

NSS / NCC / NSO / YRC

Club Activities

Robotics Club
Entrepreneurship Development
CEG Tech Forum
Siruthuligal charity club
Aakriti - CEG GIRLS FORUM

Student Symposium

Vision

Magazine

Pulse

Major Research Areas

- 5G Wireless Communication
- Antennas
- Bio Medical Instrumentation
- Bio Signal and Medical Image
- Digital Image Processing
- Digital Signal Processing
- Embedded Systems & Microcontroller Prototyping
- EMI and EMC Studies
- FPGA Based Systems Design
- GPS Satellite Signal Acquisition and Tracking
- IOT
- Low Power VLSI Design
- Medical Informatics
- Optical Fiber Communication and Networks
- RF System Design
- Stability Testing & High Speed VLSI Architectures
- Wireless Body Area Networks
- Wireless Communication Networks

Industrial Consortium



Placements

- | | |
|--|---|
| <p>Accenture
Accord
Air Watch
Alcatel (Nokia)
Amadeus
Aricent
Aspire Systems
Bet Medical
Bharti Airtel
Caterpillar
Cavincare
ChainSys
Cisco
Citi Corp
CoreEI Technologies
CSC India
CTS
Cypress
DELL
EmbedUR
Ericsson India
Ford
Fractal Analytics
Frontline Technologies
Gigamon
Goldman Sachs
HCL
Hewlett Packard
IBM
iNautix Technologies
India Metamation
Infosys
Infotrellis
Infrasoft Technologies
Intellect Design
IVTL Infoview
JRA Pvt. Ltd.
L&T Infotech
Latent View</p> | <p>Logitech
MBit Wireless
Microchip
Mindtree
MuSigma
Ninjacart
NMS Works
Nokia
Open Silicon
Path Partner
Polaris
Qualcomm
Quess Corp
Renault Nissan
Rotork
Royal Bank of Scotland
Samsung
Siemens Technology
Sonata Software
Sony
Systhink Technologies
Tantiv4 Technologies
Tata Elxsi
TCS
Tech Mahindra
Tejas Networks
TEKsystems
Temenos
Tesco
Texas Instruments
Thorogood
Tringapps
Urjanet
Uurmi
Verizon
Visa
Visteon
Wipro
Zoho</p> |
|--|---|

For Contact:

Head of the Department
 Dr. M. Meenakshi, Professor & Head
 Department of Electronics and Communication Engineering
 CEG, Anna university, Chennai-600 025
 Phone no:044-22358880/81/82
 E-mail: hodece@annauniv.edu
 Website: <https://www.annauniv.edu/ece/index.php>



B.E Electronics and Communication Engineering

Professor-in-charge: Prof.Dr.M.A.Bhagyaveni



Department of Electronics and Communication Engineering
College of Engineering Guindy
Anna university
Chennai-600 025

About Anna University

Anna University was established in September 1978 as a unitary type of technical university amalgamating four institutions: College of Engineering Guindy, A C College of Technology, Madras Institute of Technology and School of Architecture and Planning. All these four institutions each with a long history and distinct characteristics of own, provided a fertile reservoir of resources from which the nascent university has been formed and grown to its present stature.



College of Engineering Guindy, the main campus of the University is one of the oldest technical institutions in India. Its origin dates back to 1794, which was established as Survey School by East India Company. The Survey School was first expanded into a Civil Engineering School in 1858 and then upgraded into a college in 1859. The University offers 45 Under Graduate and 108 Post Graduate Programmes along with M.Phil, M.S.(By Research) and Ph.D. Programmes.

The University receives grants from the state and central governments, national and international agencies, and industrial houses. It has an extensive link with Indian industries, national research laboratories and international universities. This enables the university to keep with new development and emerging technologies.

About Department of ECE

The Department of Electronics and Communication Engineering is one of the University Departments in the College of Engineering Guindy, Anna University, Chennai with highly qualified faculty and the state of the art laboratories. The Department aims at creating quality engineers with sound technical knowledge and awareness of the latest advancement in existing and emerging technologies.

The Department has the distinction of being the first in India to start under graduate programme in Telecommunication System Engineering in the year 1945. The first Post Graduate programme in Communication Systems was introduced in 1963 and subsequently PG programmes in Applied Electronics, Bio-Medical Engineering, Optical Communication, Medical Electronics and VLSI Design were introduced.

The Department of Electronics and Communication Engineering has respectable status among the major recruiters in India. The excellent performance of its students across the industry has enabled the department to maintain its strong and brand image. The extremely well qualified and highly knowledgeable faculty adds value to the department and its students.

The Department of ECE is the leading department for University with Potential for Excellence in Biomedical Engineering and Instrumentation.

Vision

To be recognized as a benchmark and trend setter in Electronics and Communication Engineering domain keeping in pace with rapidly changing technologies through effective partnership with reputed academic institutions, research organizations, industries and community.

Mission

- Create highly motivated, technologically competent human resource by imparting high quality technical education through flexible student centric updated curricula suited to students with diverse backgrounds.
- Adopt best teaching and learning practices and establish state-of-the-art facilities to provide quality academic ambience for innovativeness, research and developmental activities.
- Enhance collaborative activities with academic institutions and industries for evolving indigenous technological solutions to meet societal needs and nurture leadership and entrepreneurship qualities with ethical means.
- Facilitate adequate exposure to the students, faculty and staff through training in the state-of-the art technologies, efficient administration, global outreach and benchmarking against referential institutions

Laboratory Facilities

Applied Electronics Laboratory
Communication System Laboratory
Computing and Simulation Laboratory
Digital Signal Processing Laboratory
Digital Systems Laboratory
Electronic Devices and Circuits Laboratory
Integrated Electronics Laboratory
Microprocessor and Microcontroller Laboratory
Optical Communication Laboratory
RF and Microwave Laboratory
VLSI Design Laboratory
Wireless Communication & Networking Laboratory

Thrust Areas



State-of-the-art Facilities

20GHz Vector Network Analyzer
7 Series FPGA development kits
Cadence (Analog & Digital)
CST Microwave Studio
Digital Signal Processors
EMI & EMC testing facilities
IDL Software
Mentor Graphics
Microwave test bench components
Mixed Signal Oscilloscope
OSA, OTDR and Fusion Splicer
NI Lab view
PCB Fabrication & Components Assembly
RF Vector Signal Generator
SDR Boards
USRP N210 & B210 Kit with antenna
VPI - Transmission Maker Software
WDM Setup with EDFA

