

Short-Term Training Programme Objectives

- ❖ To strengthen core EEE domain knowledge.
- ❖ To develop analytical and problem-solving skills
- ❖ To build hands-on familiarity with simulation tools
- ❖ To ensure placement-readiness in core technical roles

Short-Term Training Programme Outcomes

Upon successful completion of this programme, participants will be able to:

- ❖ Placement-ready candidates with a strong technical foundation.
- ❖ Strong Conceptual Clarity in Core Subjects and Enhanced Problem-Solving Abilities
- ❖ Interview confidence in both core and project-based discussions
- ❖ Hands-on exposure to industry-used tools and simulations

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Department of Electrical and Electronics Engineering

A One Week Short-Term Training Programme

On
CoreCrack: Unlock Your Core Job Dream

09th – 14th July 2025
(Online)



Chaitanya Bharathi Institute of Technology

(Autonomous under UGC)
Affiliated to Osmania University
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Chaitanya Bharathi Institute of Technology (CBIT)

CBIT is one of the premier Engineering Institutes in India, a pioneer in Telangana State, which is at the idyllic surroundings of Gandipet Lake, Hyderabad. The college offers 12 UG and 10 PG programs. It has been standing as a temple of knowledge for the past 45 years by producing more than 25,000 Eminent and skillful Graduate Engineers, who are successful in their Careers, serving all over the world. CBIT Students are prepared and perfected to secure Placements in reputed MNCs. The Institute has been accredited by NAAC – UGC with 'A++' Grade and several programs are accredited by NBA – AICTE. The UGC has granted Autonomous Status from the Academic Year 2013-14 onwards. Stringent Academic Standards, Industry Compliant Teaching Methodology, Research Projects from Private and Public Sector organizations Industries in Engineering and Management and Consultancy Practice, enabled the Institute to establish its Identity in Technical Education and is ranked as one of the best amongst Private Engineering Colleges in both the Telugu Speaking States.

About Department

CBIT started the Electrical & Electronics Engineering UG program in 1994 and has been accredited 5 times since 2004 by NBA. The recent accreditation in 2021 is for 6 years. The intake was increased from 60 to 120 in the Academic Year 2013-14. The Department started offering a PG course in Power Systems and power Electronics in 2006 with an intake of 18 and was accredited by the NBA in the year 2016. The department has received grants worth around ₹90 lakhs from AICTE under RPS, SPARC, MODROBS, FDP, STTP, etc. The Department is offering consultancy services worth ₹21 lakhs in collaboration with Foreign Universities in Renewable Energy Systems. The Department is also certified by ISO 9001:2015. The Department is recognized as a Research Centre in 2017 by Osmania University to carry out research for the award of Ph.D. degrees.

About Short-Term Training Programme

The **Short-Term Training Programme (STTP)** on “**CoreCrack: Unlock Your Core Job Dream**” is a focused, high-impact initiative designed to equip Electrical and Electronics Engineering (EEE) students with the technical expertise and confidence required to crack core job interviews and placement tests. This training program is meticulously structured to bridge the gap between academic learning and industry expectations, with an emphasis on problem-solving, conceptual clarity, and practical applications in core EEE domains.

The Training includes:

- ❖ Power Electronics – (Single & Three-phase Rectifiers, Single & Three-phase Inverters, DC-DC Choppers).
- ❖ Networks – (Standard Theorems, RLC circuits).
- ❖ Machines – (Working principles, phasor diagrams of AC machines, DC machines and their characteristic curves).
- ❖ Basic Electronics – (Transistor configurations, Operational amplifiers – Inverting, Non-Inverting, Differential etc.).
- ❖ Control Systems – (Transfer function, RH criteria, Root Locus, Bode plots, Nyquist Criteria, PID Controllers)
- ❖ Power Systems – (Transmission lines and their protections, Types of faults e.g. LG, LL, LLL).

Resource Persons

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3. Dr.P.Kowsthubha
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Registration Form Link

<https://forms.gle/p9guN5frZ2Uht3Qy5>



Registration Fee: Free