



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

Approved by



Affiliated to



UGC Autonomous



10 Programs Accredited by



Grade A++ in



All India Ranking 151-200 Band



COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

46 years

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ABOUT THE INSTITUTE

Chaitanya Bharathi Institute of Technology, established in the Year 1979, esteemed as the Premier Engineering Institute in Telangana, It was promoted with an Objective to facilitate the Best Engineering Education to the Students and contribute towards meeting the need of Skilled and Technically conversant Engineers, for the Country that embarked on an Economic Growth Plan. Various programs of the college were accredited by NBA (AICTE) and the institute is also accredited with A++ grade by NAAC. UGC has granted autonomous status to this institute from the academic year 2013-2014 and renewed in 2019-2020. The total constructed area is about 6.257 lakhs sq. ft, spread over 50.32 acres. The grants received from AICTE/UGC/DST are worth about Rs.75 Crores. The college offers 12 UG and 10 PG courses. CBIT is ranked in the rank band 150-200 in Engineering Category by NIRF.

ABOUT MECHANICAL DEPARTMENT

Established in the year of 1979, the Department of Mechanical Engineering has grown its expertise and competence in the core engineering research. The department is recognized as a research center by the Osmania University and it has an excellent record in both teaching and research with Rs.63 Crores worth research projects and consultancy of worth Rs.15 lakhs. Department has highly motivated faculty with good academic credentials with 30 PhD Holders. Faculty members have published 37 patents out of which 15 have been granted. Several faculty members serve on the editorial boards of Journals, and organize International Conferences. The students work with various clubs/chapters like ASME, SAE, Robotics, ISTE, etc.

ABOUT NIELIT

NIELIT Aurangabad stands as a leader in electronics and IT education, known for its dedication to academic excellence and innovative practices. The institute fosters a supportive environment that nurtures technical skills and knowledge advancement. It plays a pivotal role in shaping future-ready professionals equipped with cutting-edge expertise. Renowned for its impactful educational approach, NIELIT Aurangabad inspires growth and success in the field of technology.

Contact:

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OBJECTIVES

- To provide participants with a comprehensive understanding of the specific emerging technology.
- To enable participants to develop practical skills through hands-on learning activities.
- To foster a collaborative learning environment where participants can engage with instructors and peers.
- To empower participants to apply their knowledge to real world scenarios and projects.
- To empower participants to identify opportunities for implementation of skills within their organizations, self-driven activities etc.

TOPICS

- Introduction to interface of Modelling Software.
- Basic 2D & 3D shapes modelling.
- CAD Data Exchange, Conversion to .stl file.
- Basic 3D part creation (intermediate level) creation, .stl file generation.
- Discussion on open-Source software available for Part modelling and 3D printing (Blender, tinker cad etc.).
- Design of 3D part/model in open-source software environment .stl file Generation.
- 3D Printing, in house practical/ Hands-on training.

RESOURCE PERSONS

All sessions are conducted by experts from NIELIT.

Certificates are provided to participants with credentials from MEITY and NIELIT upon successful completion and assessment.

Live MCQ-based assessment exam will be conducted to evaluate theoretical and practical knowledge gained during the boot camp.

Eligibility criteria to Register

Registration is free
All UG and PG Students

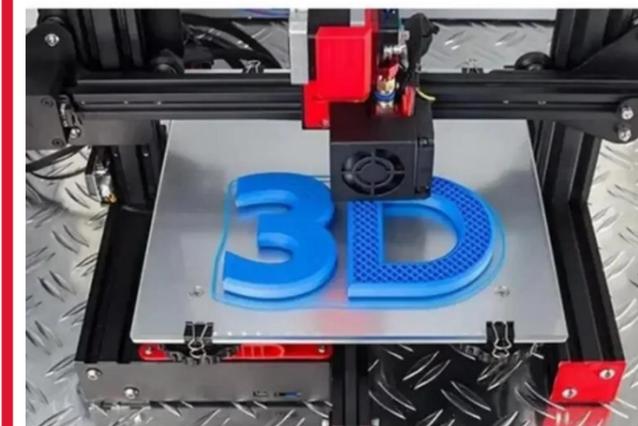
Click or Scan for Registration

<https://forms.gle/bjdxhJmtvm37vWrw9>



A Five day Boot camp on
“CAD Design to 3D printing-Foundation Details”

February 17th -21st, 2025



Organized by
Department of Mechanical Engineering

In
Association with
National Institute of Electronics & Information Technology (NIELIT), Aurangabad

