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 NBA | Grade A++ in NAAC | All India Ranking 151-200 Band nirf

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

46 years

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Sri. N. Subash, President, CBIT

Patron
Prof. C.V. Narasimhulu, Principal, CBIT

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Dr. P. Ramesh Babu, Assoc. Prof., IT Dept.

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Prof. D. Krishna Reddy, Director - R & D
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Sri T. N Aditya, Asst. Prof. Mechanical Engg. Dept.
Sri V. Jaipal Reddy, Asst. Prof. Mechanical Engg. Dept.
Dr. B. Swathi Sowmya, Asst. Professor, IT Dept.
Sri V. Santosh, Asst. Professor, IT Dept.
Sri G. Srikanth, Asst. Professor, IT Dept.

Eligibility criteria to Register
- **All UG and PG Students**
- **Registration is free**

Contact:
Sri A. Chandrakanth
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Dr. B. Swathi Sowmya
Asst. Professor, IT Dept.
Phone number: 9494568008

A Five day Boot camp on
"Hands on training in Drone Technology"
November 04th - 08th, 2024

Organized by

Department of Mechanical Engineering
&
Department of Information Technology

In
Association with

National Institute of Electronics & InformationTechnology (NIELIT), Aurangabad

NIELIT

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 five times 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 50.32acres. 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 28 PhD Holders. Faculty members have published 32 patents out of which 12 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 IT DEPARTMENT
The Department of Information Technology started with BE (IT) Programme in the academic year 2000-01. The department has also been offering a PG Programme, M.Tech with specialization in Artificial Intelligence and Robotics w.e.f. 2024-25. Apart from the curriculum, opportunities are provided to students by means of internships to obtain hands on experience in industrial working environment. Interactive sessions are conducted with industry experts to provide the professional guidance for our students. Department faculty are actively involved in research and publishing in international and national journals, presenting papers at international and national conferences.

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

OBJECTIVES
- Understand Fundamentals of Drone Technology
- Develop Knowledge of Drone Aerodynamics and Flight Mechanics
- Gain Proficiency in Drone Assembly, Maintenance, and Troubleshooting
- Master Mission Planning & Flight Control Technique
- Explore Autonomous Flight Systems and Real-World Applications

TOPICS
- Introduction to Drones
- Drone components
- Assembling the drone
- Mission Planning
- Autonomous Flight & Application

RESOURCE PERSONS
All sessions are conducted by experts from NIELIT.

Certificates are provided to participants in Drone Technology 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.

Click or Scan for Registration
https://forms.gle/7nNRc77Sy2DvHKjV7