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Head, Dept. of Mechanical Engineering

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Dept. of Mechanical Engineering

P. ANJANI DEVI
Dept. of Mechanical Engineering

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Mr. N. Venkateshwara Rao	Mrs. KNV. Sreedevi
Ms. V. Sandhya	Mr. Yasoda Sreeram
Dr. S. Narasimha Kumar	Mr. Ch. Sharath Reddy

ELIGIBILITY

The Faculty Members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats / Technicians/Participants from Industry etc.) and staff of host institutions

GUIDELINES

- No participant fees will be collected
- Eligible participants will be selected based on first come first serve basis and will be intimated by e- mail only.
- A Digital Certificate by the ATAL Academy will be issued to the participants, who have an attendance of minimum 80 % and score more than 60% in the test.
- On the last day of the program an assessment test will be conducted for all participants.

REGISTRATION DETAILS

No Registration Fee

Link for the registration: Participants are requested to register compulsorily in the following link.

<https://www.aicte-india.org/atal> OR
<https://atalacademy.aicte-india.org/signup>

After registration in the above link submit the scanned copy of the registration form to nvsrinivasulu_mech@cbit.ac.in by 15-10-2020.



A One Week Online



AICTE Training and Learning (ATAL)
Academy Faculty Development
Program (FDP)

on

MOLECULAR MANUFACTURING

19th – 23rd October, 2020

Organized by

**DEPARTMENT OF MECHANICAL
ENGINEERING**

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

CBIT is one of the premier Engineering Institute in INDIA, pioneer in Telangana State, which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 41 years by producing about 25,000 Eminent and skillful Graduate Engineers, who are successful in their Careers, serving all over the world. The Institute has been Accredited by NBA--AICTE and NAAC--UGC. UGC has granted Autonomous Status from the Academic Year 2013-14 onwards. The Grants received from AICTE/UGC are worth about Rs. 2.5 Crores. Brilliant and Meritorious Candidates with good EAMCET Rank are seeking admissions at CBIT. CBIT Students are prepared and perfected to secure Placements in MNCs through College Career Development Center.



ABOUT THE DEPARTMENT

The Department of Mechanical Engineering, CBIT is offering two undergraduate courses; B.E in Mechanical Engineering and B.E- Production Engineering with an intake of 120 and 60 respectively and two PG programmes; M.E in CAD/CAM and M.E in Thermal Engineering. The department has 42 faculty members out of which 20 are PhDs. In the last 3 years seven R&D sponsored projects worth Rs. 98 lakhs were sanctioned to the department, 4 patents were published, and 2 patents were filed, 22 workshops and 2 FDPs were organized. In the last 3 years 16 PhDs were awarded and two were submitted under the guidance of departmental faculty. The Department is well equipped with all state-of-the-art equipment, Laboratories & workshops providing all necessary facilities to the students. The Hexagon Capability Centre, India has opened Innovation laboratory in the premises of the CBIT. The lab has been equipped with hardware and software worth Rs.6.50 crore. B.E Mechanical Engineering, B.E Production Engineering and M.E CAD/CAM Programmes were accredited by NBA

ABOUT THE FDP

The objective of ATAL scheme is “To plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training in various emerging fields”

The current FDP is highly interdisciplinary by nature, encompassing aspects of different engineering fields like Materials science

Bioengineering, Mechanical Engineering etc. This topic has also considerable overlap with Nanotechnology, in that both are concerned with the behavior of materials on the scale of nanometers or smaller

Topics to be covered in FDP

- ✚ Nanoscience Engineering
- ✚ Nanodevices: Design and Manufacture
- ✚ Science and Technology of Nanostructures
- ✚ Surface Analysis of Nano Particles
- ✚ Sensor and smart materials
- ✚ 3D printing and Design
- ✚ Finite element analysis of nano particles
- ✚ Digital manufacturing
- ✚ Nano Composites
- ✚ Surface Engineering

RESOURCE PERSONS

Resource Persons are scientists from Defense labs, IIT, Hyderabad, Osmania University and CBIT.

FOR ANY DETAILS PLEASE CONTACT

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Professor.

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