

**FIVE-DAY NATIONAL WORKSHOP
ON**

**DIGITALIZATION IN
PROCESS INDUSTRIES
TOWARDS SUSTAINABILITY**

Workshop Dates: April 4, 7, 12, 19 & 26, 2025

REGISTRATION FORM

Name: _____

College: _____

Year of Study: _____

Mobile No. _____

E-mail ID. _____

Amount Paid: Yes/No

Transaction ID Details: _____

Participants must pay ₹200 (CBIT students) or ₹400 (non-CBIT students) via the QR code below and register using the link provided.

Registration form:

<https://forms.gle/1K18Th2RypysbJEu5>



CHIEF PATRON

Sri N. Subash
President, CBIT

PATRON

Prof. C. V. Narasimhulu
Principal, CBIT

CONVENER

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HoD, Chemical Engineering

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Dr. BVS Praveen, Asst. Professor

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Organized by
**Department of Chemical Engineering and
Indian Institute of Chemical Engineers,
Hyderabad Regional Centre**

**Chaitanya Bharathi Institute of Technology(A),
Hyderabad 500075, Telangana**

www.cbit.ac.in

ABOUT CBIT

Established in 1979, Chaitanya Bharathi Institute of Technology (CBIT) is the premier engineering institute in Telangana and Andhra Pradesh. Founded by visionaries from diverse fields, including engineering, medical, legal, and management, CBIT aims to provide top-quality engineering and management education, addressing the nation's need for skilled engineers and management professionals.

Over four decades, CBIT has become a coveted destination for students aspiring to excel in engineering and management, educators seeking fulfilling careers, and corporations searching for well-rounded engineers. The institute's rigorous academic standards, industry-aligned teaching methods, research projects, and consultancy practices have solidified its identity in technical education, earning it the top rank among private engineering colleges in the Telugu-speaking states. CBIT's commitment to holistic education is evident through its diverse academic, practical, co-curricular, and extra-curricular programs, fostering multi-skilled personalities and future leaders. With state-of-the-art facilities, including labs, libraries, sports amenities, and a serene 50-acre campus, CBIT continues its relentless pursuit of academic excellence nationally and internationally, making it a leader and innovator in engineering higher education.

ABOUT DEPARTMENT

Established in 1995, our institute's Department of Chemical Engineering has become a prestigious choice for aspiring chemical engineers. Initially enrolling 40 students, the program expanded to accommodate 60 students by 1997. Accredited by the NBA since 2004 and consistently reaccredited in 2008, 2012, and 2017, the department achieved Tier I accreditation in 2025. Our graduates pursue diverse

career paths, including placements in multinational companies, academia, research, higher studies in India and abroad, and entrepreneurship. The department ensures holistic development through co-curricular activities, seminars, industrial visits, and workshops. Collaborations with the Biotechnology, Chemistry, Mathematics, and Physics departments under the 'Centre of Life Sciences Research umbrella promote interdisciplinary research. Additionally, our energetic staff actively engage in institute-level initiatives, fostering a vibrant academic environment.

ABOUT THE WORKSHOP

Enhance your process engineering skills with AVEVA Process Simulation, a powerful tool widely used in industries such as chemicals, oil & gas, and energy. This training program is designed to provide students with hands-on experience in process modelling, optimization, and real-world industrial applications, making them industry-ready.

Participants will gain expertise in simulating steady-state and dynamic processes, performing rigorous thermodynamic modelling, and optimizing heat and material balance calculations. The software's intuitive interface and extensive component library make it accessible to both beginners and advanced learners. Additionally, AVEVA's cloud-based capabilities and digital twin integration offer a modern approach to process engineering, preparing students for industry 4.0 applications.

This training will also cover real-world case studies and practical exercises, ensuring students learn to apply their knowledge effectively. By mastering this tool, participants will be well-equipped for process design, plant operations, and optimization roles in leading industries. The knowledge gained from this training will be particularly beneficial for those looking to work in energy management, sustainability, and industrial operations. Moreover, AVEVA Process Simulation is widely used for operator training,

control strategy development, and troubleshooting, helping engineers improve plant efficiency and safety. By participating in this program, students will gain a competitive edge in the job market with skills that align with modern industry needs.

RESOURCE PERSONS

Dr. Pavan Kumar Veldandi
Manager & Consultant, AVEVA

Mrs P. Sreevani
Vertical product owner, AVEVA

Mr. Rajender Mangalarapu
Principal Technical Consultant (Simulation), AVEVA

TARGETED PARTICIPANTS: This course is for students from any engineering branch.

MODE OF CONDUCT: Offline mode

CERTIFICATION: E-Certificate will be issued to those participants who attend all the program sessions and clear the online exam as per the norms.

GENERAL INFORMATION: Participants will have access to the on-campus canteen facility during the workshop.

CONTACT US

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