



Workshop on ‘Process Simulation using Aspen HYSYS’ June 2-3, 2023

Organized by
Department of Chemical Engineering
BITS Pilani, Hyderabad Campus

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An institution deemed to be a University estd. vide Sec.3 of the UGC Act,1956 under notification # F.12-23/63.U-2 of Jun 18, 1964

BITS PILANI-HYDERABAD Campus

Birla Institute of Technology and Science, Pilani - Hyderabad campus is one of the premier technical and science institutes of higher learning in India. It was established by Birla Institute of Technology and Science, Pilani (Rajasthan) as the fourth campus in the year 2008 with the first batch graduating in the year 2012. BITS Pilani is one of India's top technical and science universities established under Sec. 3 of the UGC act. The campus is fully residential with over 5500 students and 500 faculty and staff members. The picturesque campus is housed in 200 acres of rugged, rocky terrain characteristic of the region. It is equipped with state of the art infrastructure required for instruction, research, and extra-curricular activities.

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Chemical Engineering Department

Chemical Engineering department comprises of highly experienced and qualified faculty who have received PhDs/Postdocs from IIT's or universities abroad. The Department offers robust programs in three tiers of Chemical Engineering i.e., Bachelors (B.E Honors), Masters (M.E) and Ph.D. We have well-equipped state of the art laboratories for students to gain extensive practical knowledge. Currently, we have 15 faculties working on diverse research areas that encompasses process systems engineering, material science, polymer, catalysis, biomaterials, etc. Our department has received several funded projects from DST, DBT, CSIR, ABSTC Mumbai, DRDO, HBL, etc. Our faculty are also involved in teaching courses for Industry Professionals under the Work Integrated Learning Program (WILP). The Department of Chemical Engineering has been sanctioned an amount of Rs. 135 lacs from DST under the Fund for Improvement of Science & Technology (FIST-Level-1).

<https://www.bits-pilani.ac.in/hyderabad/chemicalengineering/chemicalengineering>

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Workshop Content:

- Importance of process simulations in Chemical Engineering
- Basics of process simulation using Aspen HYSYS
- Hands-on sessions of different unit operations using Aspen HYSYS
- Process economic analysis
- Process integration and control
- Sensitivity analysis



Chief Guest
Dr. P. G. Rao
Advisor, NIPER Guwahati



Resource Person
Prof. Kishalay Mitra
IIT Hyderabad



Resource Person
Prof. M. S. Khan
Dhofar University, Oman



Resource Person
Prof. Sarath Babu Anne
NIT Warangal



Resource Person
Prof. Sujit Jogwar
IIT Bombay



Resource Person
Dr. Arnab Dutta
BITS Pilani, Hyderabad

Venue: [BITS Pilani Hyderabad Campus](#) (Offline)
Certificates will be given to all registered participants who attend both days of the workshop.

Last date to Register: 20th May, 2023

Registration Fee:

Industry & R&D Institutes	: Rs. 5000
Faculty	: Rs. 3000
PhD Scholars	: Rs. 2000
Students	: Rs. 1000

How to pay:

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Prof. S P Regella, Dean-Practice School, BITS Pilani

Organizing Committee:

Prof. I. Sreedhar
Prof. Vikranth K. Surasani
Dr. Arnab Dutta