



# KONGU ENGINEERING COLLEGE (AUTONOMOUS)

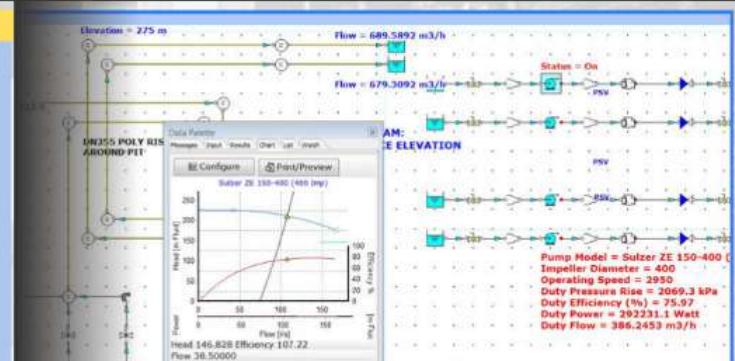
## PERUNDURAI, ERODE - 638060



### DEPARTMENT OF CHEMICAL ENGINEERING Centre of Excellence in Chemical Simulation Studies

## Two Days IIPC Workshop on “Fluid Flow Fundamentals: A Practical Workshop on Hydraulic Simulation”

25.09.2025 & 26.09.2025



 FluidFlow



#### ABOUT THE PROGRAM

- FluidFlow is designed to simulate fluid behavior in complex piping systems, offering precise performance predictions based on defined boundary conditions. It uses established models and correlations for effective system analysis.
- As a modular product, FluidFlow lets you choose relevant calculation modules, allowing the modeling of any fluid type or phase within a single platform. This eliminates the need for multiple software programs and streamlines design analysis by avoiding separate models in different applications.



#### COURSE OUTCOMES

- CO1: Demonstrate proficiency in using software tools with auto-sizing capabilities for fluid flow systems, including selecting appropriate fluids, pumps, valves, and pipes from a comprehensive database.
- CO2: Apply simulation techniques to model non-standard pipe fittings and create accurate representations of complex piping systems.
- CO3: Develop and manage custom fluid and component databases within the software, enabling efficient reuse in future projects.
- CO4: Analyze and optimize piping systems using advanced simulation features, ensuring effective design and performance in real-world applications.



#### ABOUT THE COURSE

- The Courses will be handled by experts from industry and in-house faculties.
- Registration is limited to 50 participants and selected on first-come-first serve basis.
- The Course fee includes Course Kit & Materials, Lunch & Refreshment.
- Registration for the course can be made by sending the duly filled registration form and paying the registration amount well in advance using the PhonePe code provided below.



#### IMPORTANT DATES

- Last date for application : 22.09.2025
- Intimation of selection : 23.09.2025
- Confirmation of Participation : 23.09.2025



Registration Fee : Rs. 1,150/-  
(for industrial personals, researchers, faculty, and students)

Accommodation Fee : Rs. 350/-



#### ABOUT THE DEPARTMENT



The Department of Chemical Engineering, established in 1994-1995, offers a B.Tech. in Chemical Engineering and is recognized as a Research Center by Anna University, Chennai. The department is equipped with state-of-the-art laboratories and advanced software tools such as **ASPEN PLUS**, **MATLAB**, and **ProSIM (Center of Excellence)**, enabling students to gain hands-on experience in process simulation and analysis.

With a strong focus on industry and research-ready technical skills, the department has successfully organized **SCHEMCON 2023**, **CHEMATHON 2025**, seminars, workshops, and training programs for students and professionals. It has also been recognized at the national level with prestigious honors such as the Ambuja and Pidilite Industries Best Student Chapter Awards.

Further strengthening its legacy of excellence, the department received the **Best Department Award for the year 2023-2024** and the **Best Industry-Institute Partnership Award for the year 2024-2025**, reflecting its commitment to academic quality, innovation, and strong industry collaboration.



Scan to Register for the IIPC workshop



#### FACULTY COORDINATORS

**Dr. G.Mugaishudeen, AP (Sl.G),**  
 9842040470  
 mugais.chem@kongu.ac.in

**Dr.S.Mothil, AP (Sl.G),**  
 9750383957  
 mothil.chem@kongu.ac.in

**Mr.R.Sathish Raam, AP (Sr.G),**  
 9789535777  
 sathishraam.chem@kongu.ac.in

Department of Chemical Engineering,  
Kongu Engineering College,  
Perundurai, Erode 638 060.

#### FOR PAYMENT SCAN

or use g.mugaishudeen-2@oksbi

