

Conferences / Workshops / Seminars

2023-2024

The Chemical Engineering Department conducted a series of workshops aimed at enhancing the skills and knowledge of students in various critical areas. The workshop on “Data Science for Chemical Engineers”, a eight week online training program held during 7th October 2023 to 2nd December 2023., introduced participants to the essential concepts of data science, including data analysis, machine learning, and data visualization, with a focus on applications relevant to chemical engineering. This workshop equipped students with the skills necessary to leverage data-driven decision-making in their future careers. At the end of the workshop the participants were able to develop models to predict and optimize outcomes in chemical engineering scenarios, interpret and communicate data analysis results effectively to support decision-making in their professional roles and integrate data science techniques into their day-to-day engineering practice to improve efficiency and innovation.

The image displays two side-by-side panels. The left panel is a registration form for the 'EIGHT-WEEK ONLINE TRAINING PROGRAM ON DATA SCIENCE FOR ENGINEERS' (7 OCT 2023 – 2 DEC 2023). It includes fields for Name, College, Year of Study, Mobile No., E-mail ID, and Amount Paid. It also lists the Chief Patron (Sri N. Subhash), Patron (Prof. C. V. Narasimhulu), Convener (Prof. M. Mukunda Vani), and Organizing Committee members. The right panel shows a presentation slide titled 'Examples in Chemical Manufacturing Industries' with five categories: 01 Process Monitoring, 02 Prescriptive Analytics, 03 Cognitive Analytics, 04 Predictive Analytics, and 05 Conversational Analytics. Each category includes a brief description and a list of key applications.

Prof & Head M. Mukunda Vani

Dept. of Chemical Engineering
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad-75.