

A REPORT ON
Webinar on “Application of Aspen Plus Simulation Software for Chemical Engineering Students”
Dated 22.08.2022 to 26.08.2022

by
Department of Chemical Engineering & IE (I) Activity Committee, School of Studies (Engineering & Technology)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)

Dates:- 22.08.2022 to 26.08.2022	Timing-05:00 PM to 06:00 PM	
Venue:-Online Session (Through Google Meet)	Department of Chemical Engineering, School of Studies of Engineering and Technology	For:- Third Year and Final Year Students, Faculties and Research Scholars of Chemical Engineering Department
Administrator and convener:- Prof. T.V.Arjunan, <i>Dean, School of Studies Engineering & Technology Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G)</i>		
Co-convener:- Dr. Anil Kumar Chandrakar , Head, Department of Chemical Engineering		
Coordinator, IE(I) Activity Committee: Dr. Raghwendra Singh Thakur HoD (I/c) (Assistant Professor, Dept. of Chemical Engineering)		
Coordinator, Dept. of Chem. Engg: Dr. Saurabh Meshram (Assistant Professor, Dept. of Chemical Engineering)		
Co-coordinators: Dr. Sandeep Dharmadhikari (Dept. of Chem. Engg.), Mr. Pradeep Patanwar (Dept. of Mech. Engg.), Mr. Satish Negi (Dept. of CSE), Mr. Kawal Lal Kurrey (Dept.of I&P Engg.), Mr. Deepak Kant Netam (Dept. of IT), Dr. Ashish Kumar Parashar (Dept. of Civil Engg) and Mrs. Pragati Patharia (Dept. of ECE).		

Objective: -

The objective of one week workshop is to explain and explore the application of Aspen Plus Simulation Software for Chemical Engineering Students.

Event Description:

A one-week workshop on "Application of Aspen Plus Simulation Software for Chemical Engineering Students" that did take place from August 22 to August 26, 2022 at 5:00 PM to 6:00 PM was planned and carried by the Department of Chemical Engineering at the School of Studies of Engineering and Technology. Dr. Raghwendra Singh Thakur, Dr. Saurabh Meshram, and Dr. Sandeep Dharmadhikari, the coordinator and co-coordinator, managed all the activities related to the workshop with devotion, organization, and cooperation. The Department of Chemical Engineering's academic members, Research Scholars, and more than 50 pre-final and final year students actively participated in the discussion. All attendees were welcomed by Dr. Sandeep Dharmadhikari, Assistant Professor of Chemical Engineering at Guru Ghasidas Vishwavidyalaya. In the inaugural Dr. Raghwendra Singh Thakur gave a concise statement explaining the goal of the one-week course. In this technical session, Dr. Rakesh Kumar discussed the current relevance of using Aspen Plus Simulation Software for Chemical Engineering Students. The inaugural session came to a close with a vote of gratitude from Dr. Anil Kumar Chandrakar, who served as the event's co-convenor.

Dr. Rakesh Kumar, Associate Professor, Chemical Engineering Department, Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, began the regular one-week sessions with his presentation. He used the mass transfer operations as an example to very effectively describe different simulations in Aspen Plus. He talked about how crucial the distillation process is to chemical engineering. He differentiated the percentage of yield gained and which procedure is superior when compared to outcomes while describing the various separation processes using Aspen Plus simulation software. At the conclusion of the presentation, Dr. Raghwendra Singh Thakur summed up the discussion with participant feedback. Dr. Saurabh Meshram proposed the vote of thanks to every individual who were directly or indirectly associated with this program to make it a grand success.

