

A
Workshop Report

On

'Introduction to Aspen Plus'

Organized by



Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University Lonere
Academic Year – 2021- 2022


Date: 17th June 2022

Venue: LH 001

Target Audience: Second, Third and Final Year Petrochemical Students.

Speaker: Prof. Lubna Yunus Rawoot

Workshop Co-Ordinator: Dr. S.S. Metkar, Prof. Harshada Jadhav.


Dr. S.S. Metkar

Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere-Raiqad

With the permission of Registrar, Petrochemical Engineering Students Association of Department of Petrochemical Engineering was organized successfully the 'Introduction to Aspen Plus' on Friday 17th June, 2022.

AGENDA:

- 1) Welcome Speech
- 2) Felicitation of Guest, Departmental Faculty, Staff.
- 3) Guest Presentation.
- 4) Practical Session.
- 5) Interaction with Students.
- 6) Any other point with permission of Chair.
- 7) Collected Feedback form.

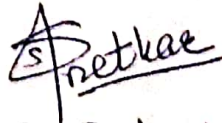
Course Content:

Part 1: Theory

- What is ASPEN PLUS?
- File types & extensions
- Data banks in ASPEN PLUS
- Unit sets
- Component types
- ASPEN PLUS modelling & simulation procedure
- Model library
- Using ASPEN PLUS to find Properties of pure components

Part 2: Hands on

1. Problems on pure component analysis (Density, specific heat & Gibbs free energy & PT envelope of pure components)
2. Problems on Binary analysis (Gibbs free energy)
3. Simulation of a mixer
4. Simulation of heat exchanger


Dr. S. S. Metkare

Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere-Rajgad

LIST OF STUDENTS PARTICIPATED:

Workshop on "Introduction to Aspen Plus

Date: 17/06/2022

Department of petrochemical Engineering,
is organized "Workshop on" introduction to Aspen
plus" for petrochemical (second, third, final)
Engg. Students.

Speakers: prof. L. Y. Rawat
Department of petrochemical Engg.
Dr. BATU Lonere

Venue: LHool Time: 11:00 am

following students & faculty members were
present for workshop.

Name	Sign
1) Ms. S. S. Metkar	
2) -	-
3) Dr. S. M. Mhatre	
4) Prof. Jadhav H. R.	
5) Prof. Vidyabal K. Pawar	
6) Dr. D. M. Pawar	
7) Sri. K. P. Smitale	
8) Sri. G. B. Pathe	
9) Prof. L. Y. Rawat	
10) Mrs. R. R. Thale	

Dr. S. S. Metkar

Department of petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere-Rajgad

Sl No	Name of Student	PRN NO	class/ Branch	Signature
1	Pranvati Lade	2030331507028	Chemical	Pranvati
2	Shubham Waghmare	2030331507037	Chemical	Shubham
3	Varun P. Charnikan	2030331507042	Chemical	Varun
4	Amit D. Katoale	1930331507034	Chem	Amit
5	Pratap P. Takarkhede	19363315027054	Petro	Pratap
6	Rahul Maswale	1930331527002	Petro	Rahul
7	Yash Chaudhari	1930331527058	Petro	Yash
8	Abhishek Y. Patale	1930331507035	Chemical	Abhishek
9	Amar Vishwanath Nilgave	1930331527009	Petro	Amar
10	Abhishek Arun Kudale	2130231527515	Petro	Abhishek
11	Rashant Sambhaji Kheave	2030331527014	Petro	Rashant
12	Pratimab S. Mawale	2030331527003	Petro	Pratimab
13	Kundan D. Somewad	1930331527046	Petro	Kundan
14	Sagar S. Deytre	2030331527008	Petro	Sagar
15	Patil Graunav	1930331527010	Petro	Patil
16	deva Suryawarshi	1930331527018	Petro	deva
17	Gite Shaikant D	2130332527517	Petro	Gite
18	Ajash Kale	2130331527518	Petro	Ajash
19	Karan Bhausaheb Rahane	2030331527007	Petro	Karan
20	pranit Mohan patil	2130331527521	Petro	pranit
21	omkar Tukaram Karmekar	2030331527002	Petro	omkar
22	Kiran Bhiva Jaybhaye	1930331607007	Chem	Kiran
23	Digvijay Ashok Gortale	1930331507061	Chem	Digvijay
24	Priya Bhadvalkar	2030331527008	Petro	Priya
25	Chetan Chopal Patil	1930331507006	Chem	Chetan
26	Aniket Arvind Bhangre	1930331507032	Chem	Aniket
27	Jadhav. Ajit. Dadasaheb	2030331527013	Petro	Jadhav
28	Dhanawade. Pranit. Govind	2030331527015	Petro	Dhanawade
29	Bhandawale. Dinkar. Navkash	2030331527017	Petro	Bhandawale
30	Ashay Waghmare	2030331527016	Petro	Ashay
31	Ritik R. Bhogstakar	2030331527009	Petro	Ritik

(Signature)

Dr. S. S. Metkarn

Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Loner-Rajgad

sr No.	Name of student.	PRN NO.	class/ Branch	sgn.
32	Rachha Katore	2030331527007	3 rd Petro	<u>P</u>
33	Pankhoni R. Kumbhakar	2030331527019	---	<u>Pankhoni</u>
34	Poonam Giradkar	2030331527019	---	<u>P</u>
35	Lumbee Banode	1990331527059	---	<u>Lumbee</u>
36	Prajakta Patil	19903315270149	---	<u>Patil</u>
37	Anusha Jureau	1990331527003	---	<u>Jureau</u>
38	Atanksha Sangale	1990331527047	---	<u>Sangale</u>
39	Monika Landge	1990331527042	---	<u>Landge</u>
40	Anushree Adgulkar	1930331527008	3rd Petro	<u>Anushree</u>
41	Mansi J. Ambaji	2130331527501	2nd Petro	<u>Mansi</u>
42	Ajinkya D. Pawar	2130331527504	2nd Petro	<u>Ajinkya</u>
43	Omkar R. Salunke	2130331527507	2nd Petro	<u>Omkar</u>
44	Sachin M. Kolekar	2130331527523	2nd Petro	<u>Sachin</u>
45	Mansi R. Patil	2130331527506	2nd Petro	<u>Mansi</u>
46	Gunesh U. Mule	2130331527576	2nd Petro	<u>Gunesh</u>
48	Irresh H. Adkine	105033201815270098	4th	<u>Irresh</u>
49	OM. A. ZAVAR	103033152711001	4th Petro	<u>OM. A.</u>
50	Anis H. Kaultekar	2030331527007	2nd Petro	<u>Anis</u>
51	Ashay Vinod. Koli	2030331527005	2nd Petro	<u>Ashay</u>
52	Taha Siddiqui	2130331527502	7th Petro	<u>Taha</u>
53	Siddhant P. Bhaware	2030331527021	2nd Petro	<u>Siddhant</u>
54	Naves S. Bawani	2030331527001	2nd Petro	<u>Naves</u>
55	Aniket. Anand mame	2030331527006	2nd Petro	<u>Aniket</u>

Total no. of students present for workshop = 55

Pradip
 Pr. Jadhav M.R.
 Faculty coordinator

Dr. S. S. Metkar
 Department of Mechanical Engineering
 Dr. Babasaheb Ambedkar Technological University
 Lonere-Raigad

About Workshop:

Our today's workshop is regarding of an approach to remind our students that don't be safety blinded but be safety minded. Safety first, Safety always...! As someone said safety is a state of mind and accidents are results of absence of mind.

so let us discuss some important safety things which are very helpful in order to reduce the risk of injury to all of us.

Welcome Speech:

On behalf of Petrochemical Engineering Department students co-ordinator of Petrochemical Engineering Students Association (PESA) Ms. Shreya started the program with kind words regarding program and Welcome all Guest, Faculty members and participants for the same. They gave briefly introduction about guest Prof. Lubna Rawoot is working as assistant professor in Petrochemical Engineering Department at Dr. Babasaheb Ambedkar Technological University, Lonere.

Felicitatation of Guest, Departmental Faculty, Staff:

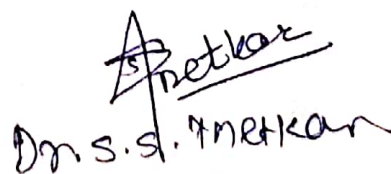
Head of Department Dr. S. S. Metkar mam felicitated to Guest Prof. Lubna Rawoot mam with memento.

Guest Presentation:

Our Chief guest Prof. Lubna Rawoot gave Power Point Presentation about Introduction to Aspen Plus. They gave information about introduction of Aspen Plus Software, File types & extensions, Data banks in ASPEN PLUS, Unit sets, Component types, ASPEN PLUS modelling & simulation procedure, Model library, Using ASPEN PLUS to find Properties of pure components.

At the end program was concluded with vote of thanks and collect the feedback form from all participants.

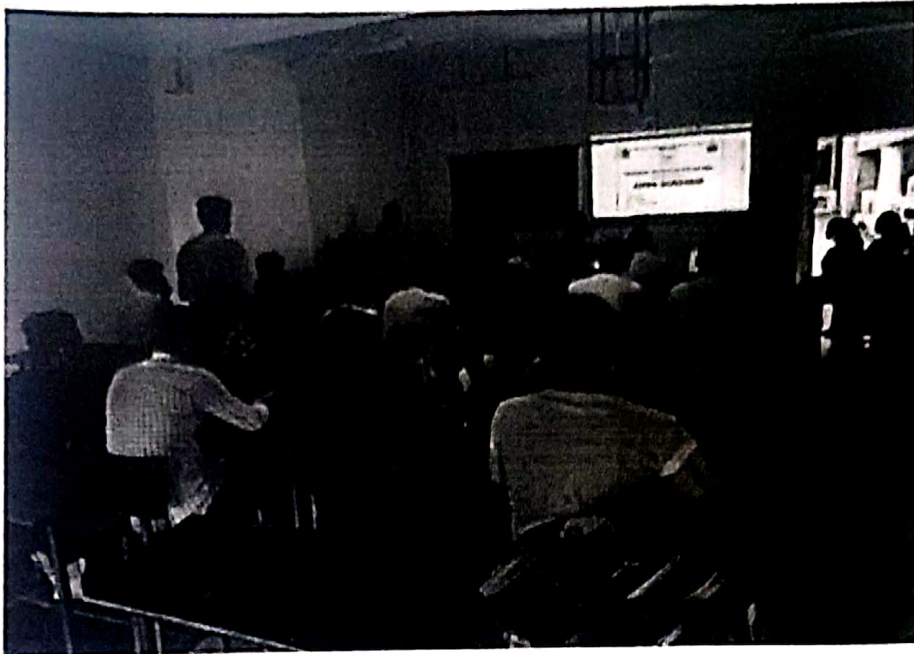
Department wants to thanks university administration and Registrar as well as academic Dean for permitting financial support.


Dr. S. S. Metkar

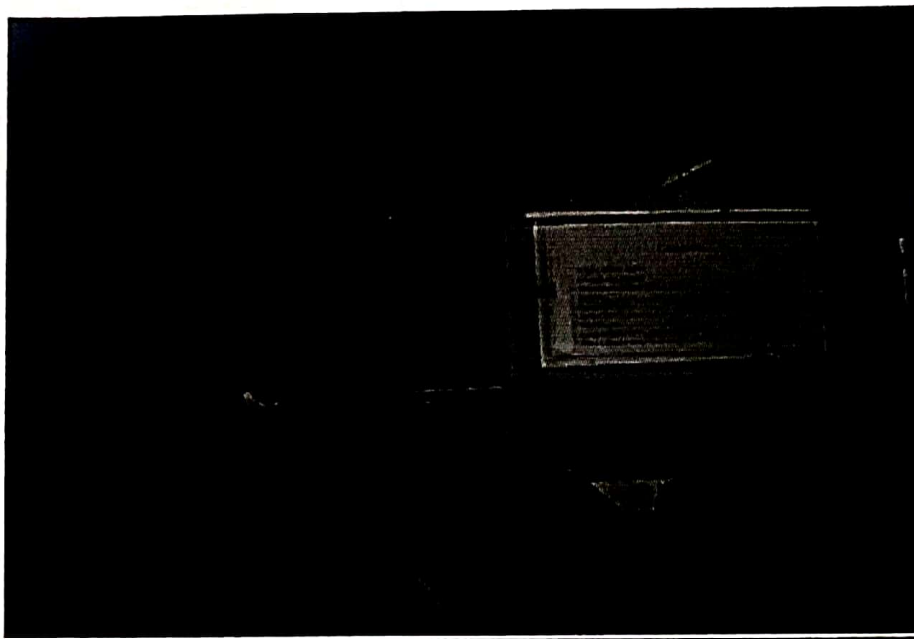
Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere-Raigad

Photographs:

INAUGURAL FUNCTION AND FELICITATION

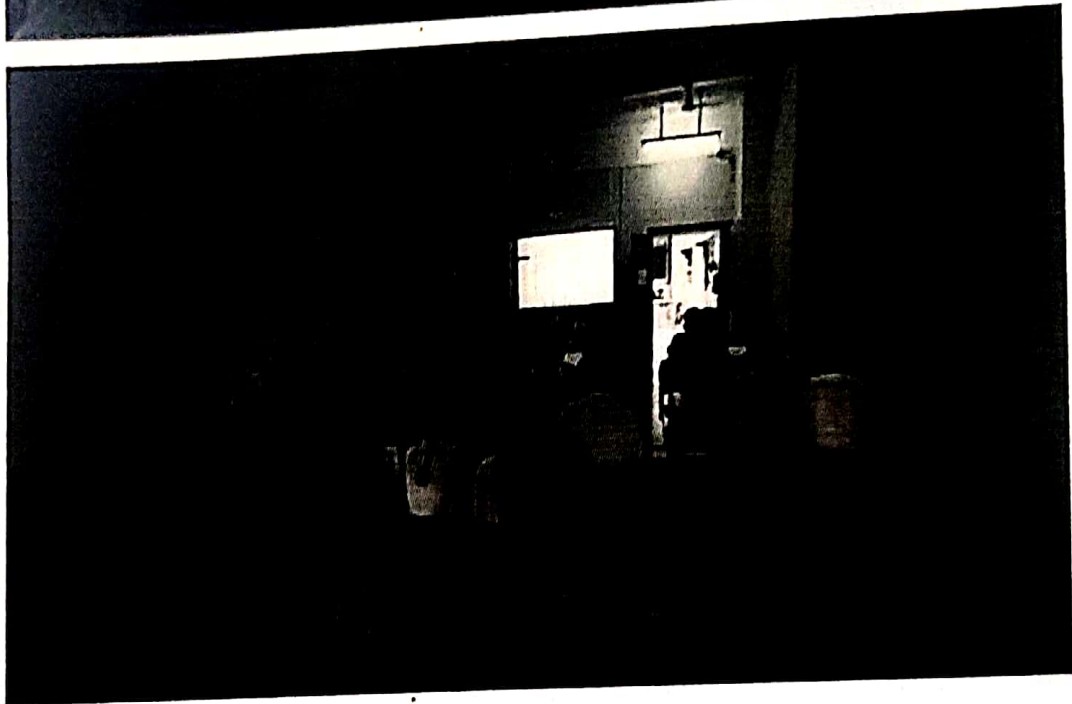


GUEST SPEECH AND PRESENTATION



Dr. S. S. Metkar

Department of Chemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere-Rajgad



Jadhav

Ms. Harshada Jadhav
Faculty Coordinator

S. S. Metkar

Dr. S. S. Metkar
Head, Department of Petrochemical Engineering

S. S. Metkar
Dr. S. S. Metkar

Head,
Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere-Raidad