



Department of Instrumentation and Control

Innovative teaching method: Laboratory visit

Class:	TE
Subject :	Unit Operations and Power Plant Instrumentation
Learning Objective: Students will get the exposure of actual application of fluidization (dryer and instrumentation in it).	
Outcomes: On completion of 1. Students will be able to explain the complete application of fluidization with required instrumentation. 2. Students will be able to elaborate the different applications of fluidization.	
Description: Visit of the students were arranged to the laboratory where the model of complete application of fluidization was shown to the students and explained. Instrumentation used in the fluidized bed dryer was shown and discussed with students. Different applications of the fluidization were discussed with the students. Use of cyclone separator was elaborated.	
Impact of Innovative Method : This activity help students to explore with the real application of fluidization and students will be able elaborate different applications of fluidization.	

Assessment conducted on:

Que.1: Comment on the efficiency of and time response of drying in Fluidized bed dryer.

Que 2: How does the cyclone separator used for flue gas filtration?

Que 3: Discuss any other application of fluidization.

Roll No.	Name	Marks (10)
1	AHER PRATIKSHA DINKAR	Ab
2	AHIRE PRANAV VIKRAM	7
3	BHAGWAT RUSHIKESH ARVIND	7
4	GADHAVE SUYASH DIGAMBAR	6
5	JADHAV DAMINI SURESH	3
6	JOSHI NISHANT NANDKUMAR	Ab
7	JADHAV RUTUJA BHIKA	5
8	JOSHI NISHANT NANDKUMAR	6
9	JOSHI PRAJWAL PRAMOD	4
10	KHURDAL AKANKSHA RAMNATH	Ab
11	MORE SHIRISH VASANTRAO	4
12	NARKHEDE MAYURI ANIL	Ab
13	RAO AISHWARYA NARAYAN	6
14	SHELKE YASH SHARAD	7
15	THAPA URMILA BHIMBAHADUR	6
16	RAI ANKIT SHREEKANT	5
17	BHANDARE SATYAM BHAGWAN	Ab
18	KARANJKAR BHUSHAN MOHAN	Ab

