



Department of Instrumentation and Control

Innovative Teaching Method

Class:	BE Instrumentation & Control
Name of Method :	Role Play
Name of the Faculty:	Mr. Y. P. Patil
Date and Time:	30/01/2019, 1.00 to 3.00 pm
Learning Objective: <ol style="list-style-type: none"> 1. Students will be able to understand the components of industrial boiler. 2. Students will be able to understand the Instrumentation and Control used in the boiler controls. 	
Outcomes: On completion students were able to <ol style="list-style-type: none"> 1. Explain the block diagram of industrial boiler. 2. Use Instrumentation and Control to Boiler Drum level Control 3. Understands different controls on boiler 	
Description : This role play is based on theme of “Role of Boiler” and “Controls in Boiler”. Based on this theme topic is discussed with students. Then two groups are formed and from each group, one member is selected as a team leader. His responsibility is to discuss block diagram of boiler to the team members and as per blocks assign role and explain how to present that in-front of other students. One by one the complete flow is decided. Then step-wise student’s practices their role and finally it is presented in front of course teacher and other students. Assessment of team and individual role character is observed by course faculty and as per rubrics assessment is done.	
Impact of Innovative Method: This activity helps students to enhance team work spirit, individual responsibility, interpersonal skills, self-learning, and analytical skills.	

Rubrics used:

Skills/Criterion/C ategory	4 Points	3 Points	2 Points	1 Points
Objective of the Role-play	Objective of the role-play was very clearly understood.	Objective of the role-play was clearly understood.	Objective of the role-play was understood.	Objective of the role-play was not clearly understood.
Content delivery by each participant.	Participant delivered all the contents as per role.	Participant delivered most of the contents as per role.	Participant delivered some of the contents as per role.	Participant delivered none of the contents as per role.
Props	Participant used several props that accurately fit	Participant used 1-2 props that	Participant used 1-2 props which	Participant used No props OR the props

(creativity while playing role)	the period, shown considerable work/creativity and made the role-play best.	accurately fit the period, and made the role-play better.	made the role-play good.	chosen distracted from the role-play.
Overall of the Impact	All information appeared to be accurate and in chronological order.	Almost all information appeared to be accurate and in chronological order.	Most of the information was accurate and in chronological order.	Very little of the information was accurate and/or in chronological order.

Roll no.	Name of student	Objective of the Role-play	Content delivery by each participant.	Props (creativity while playing role)	Overall of the Impact	Total
1	Badhan Pranjali Hiralal	2	2	2	2	08
2	Bodke Aditya Devidas	4	3	4	3	14
3	Bodhai Mohan Ramesh	2	2	2	2	08
4	Chaudhari Ghoshan Umakant	3	3	3	3	12
5	Chavan Charudatta Nanasahab	3	4	3	3	13
6	Dalvi Anuja Sunil	4	3	4	4	14
7	Dhamane Kshitija Jayant	4	4	3	4	15
8	Dhongade Sagar Sampat	4	3	3	3	13
9	Ganesh Ghuge	3	3	4	3	13
10	Gore Akshay Pandurang	3	4	3	3	14
11	Jangid Ameet Parmeshwar	3	3	3	3	12
12	Kottalkkal Sisira	-				AB
13	Likhar Aniket	-				AB
14	Mahajan Jayesh Shirang	3	3	3	3	12
15	Patil Pawan Yuvraj					AB
16	Samruddhi Vilas Patil					AB
17	Mayuri Pingle	3	3	4	3	13
18	Plapuzha Jijo Joji					AB
19	Savakar Rupali Ukha	3	4	4	3	14
20	Savant Puja Daulat	3	2	3	3	11
21	Harsh Shah	4	3	4	3	14
22	Shreeya Shriniwas Shinde	2	2	2	2	08
23	Somase Abhijeet P.	3	3	3	3	11
24	Sonar Parag Sunil					AB
25	Tawade	NA	NA	NA	NA	NA
26	Thakare Akshaykumar Kadu	3	3	3	3	11
27	Thakur Mithilesh Umesh					AB
28	Ugale Vikas Devidas	3	3	4	3	13
29	Uphade Madhuri Vishwas	3	2	3	3	11
30	Vinchurkar Vaishnavi Ravindra	4	3	4	3	14
31	Aditi Vilas Wagh	4	3	4	3	14
32	Vaishnavi Deekshit	2	2	2	2	08
33	Patil Sayali shashikant	2	2	2	2	08

Quality Photo:



Sr.No_1: BE students performed role play on “Boiler operation and Process Instrumentation” organized by Mr. Y. P. Patil faculty of Instrumentation & Control Engg. On 30/01/2019 at Electronics Lab (C-304).

Subject Incharge
Mr. Y. P. Patil

HOD
Dr. A. R. Kulkarni