



MARATHA VIDYA PRASARAK SAMAJ'S

**Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering, Nashik**



Permanently Affiliated to Savitribai Phule Pune University Vide Letter No. : CA/1542 & Approved by AICTE New Delhi - Vide Letter No. : 740-89-32 (E) ET/98 AISHE Code - C-41622

Department of Instrumentation and Control

Innovative Teaching Method: Role Play 25.09.2023

Class:	TE (Instrumentation & Control Engineering)
Name of Method :	Role Play
Learning Objective :	
<ol style="list-style-type: none">1. Students will understand the Importance of Team Work, Stage Daring, express themself2. Students Will be able to perform on stage without fear, respecting each other's opinion	
Outcomes: On completion students were able to	
<ol style="list-style-type: none">1. Demonstrate the Concept through performance on stage2. Identify oneself strength, weakness during stage performance.3. Able to work in team.	
Description:	
<p>Role play, including acting out scenarios to problem solve, story making through dramatic play and practice in coping with real life situations will support student's social-emotional growth and development. Role play helps to develop the skills to handle problematic social interactions. In the role play, each student was assigned the application (with role of each component) was discussed with the students. Each student was assigned particular role of the act. Students presented their role with its function, structure, role and its importance. Total Four groups were formed</p> <p>Group A (Total 09 Students) was assigned the Role Play on "Demonstration of Electroencephalogram" – (EEG).</p> <p>Team Leader was Mr. Pranav Sanjay Patil. Students were assigned below Roles:</p> <p>Revati- Doctor, Akash- Patient, Pranav- Brother, Amol- Saver, Gayatri – Common People, Akshata- EEG Specialist, Disha- Narrator, Neha-Narrator, Shivani- Nurse.</p> <p>Group B (Total 09 Students) were assigned the Role Play on "Demonstration of Electrocardiogram". – ECG.</p> <p>Team Leader was Ms..Sae Palekar. Students were assigned below Roles:</p> <p>Sae – Doctor (Trainy), Divya- Nurse, Rajashree- Doctor, Nachiket- Display, Parth- Narrator, Neha – Patient (sports person), Abhishek- Character Explanation, Harsh- Friend of Patient, Komal – B. P Measurement Expert</p> <p>Group C (Total 08 Students) were assigned the Role Play on "Demonstration of Cardiovascular System". – Heart Structure.</p> <p>Team Leader was Ms..Tejasvi Kshirsagar. Students were assigned below Roles:</p>	

Tejasvi – Narrator, Kasturi- Blood, Sanket- Left Ventricle, Dipali- Heart Layers, Kishore- Right Ventricle, Harsh – Lungs, Bhavana- Right Atrium, Sudiksha- Left Atrium. Character Explanation, Harsh- Friend of Patient, Komal – B. P Measurement Expert.

All the three groups executed very well the Role Play. This is how every student plays his/her role.

Student’s interaction and coordination was seen very nicely. Confidently all the students performed their role and participated with team work

Impact of Innovative Method: This activity helps students to enhance communication skills, interpersonal skills, understanding the concept, self-confidence, team work, self-learning, analytical skills & participating in front of audience.

Rubrics used:

Skills/Criterion/Category	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 (creativity while playing role)	Participant used several props that accurately fit the period, shown considerable work/creativity and made the role-play best.	Participant used 1-2 props that accurately fit the period, and made the role-play better.	Participant used 1-2 props which made the role-play good.	Participant used No props OR the props 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	Overall of the Impact	Total (20)
1	Pranav S. Patil	4	4	4	5	17
2	Revati Patil	4	4	4	4	16
3	Amol Shinde	4	4	4	4	16
4	Gayatri Sonawane	4	4	4	4	16
5	Rajeshree Surawanshi	4	4	4	4	16
6	Akshata Thankar	4	4	4	5	17
7	Disha Ahire	4	4	4	4	16
8	Neha Adhav	4	4	4	4	16
9	Shivani Salunkhe	4	4	3	4	15
10	Sae Palekar	4	4	4	5	17
11	Divya Dalal	4	4	4	5	17
12	Rajashree Suryawanshi	4	4	4	4	16
13	Nachiket Sonawane	4	4	4	4	16
14	Parth Muley	4	4	4	5	17
15	Abishek Kalamkar	4	4	4	4	16
16	Harsh Chaudhari	4	4	4	4	16
17	Komal Pingle	4	4	4	4	16
18	Tejasvi Kshirsagar	4	4	4	5	17
19	Kasturi Desmukh	4	4	4	5	17
20	Sanket Jori	4	4	4	5	17
21	Dipali Shingane	4	4	4	4	16
22	Kishor Rao	4	4	3	4	15
23	Harsh Jagota	4	4	4	4	16
24	Bhavana More	4	4	4	5	17
25	Sudiksha Chavan	4	4	4	5	17



Group A: Demonstration of Electroencephalogram” – (EEG).



Group B: "Demonstration of Electrocardiogram". – ECG.



Group C: “Demonstration of Cardiovascular System”. – Heart Structure.

Mr. S. R. Pandit
Event Coordinator

Dr. B. J. Parvat
H. O. D.