MARATHA VIDYA PRASARAK SAMAJ'S
KARMAVEER ADV. BABURAO GANPATRAO THAKARE
COLLEGE OF ENGINEERING
KBTCOE
www.kbtcoe.org
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 Engineering Science

Innovative Teaching Method - Report

Academic Year –2020-21	Class – FE (Div A)
Semester–II	Date: 30/7/2021
CO:CO1,CO2,CO3,CO4,CO5,CO6	PO: PO9, PO10 & PO12

Title of Innovation method/activity: **Screen-cast** by using Google Classroom

1. **Name of Faculty: Mr. P. V. Joshi**
2. **Subject : Basic Electrical Engineering**
3. **Objective of Method**
   a. It helps students to clear the concept.
   b. It helps to improve communication skills, self learning & confidence.
   c. To improve the team work.

4. Topic Covered through Activity

Topic related to Basic Electrical Engineering subject.

5. **Description of method with Benefit**

Description of method

In this method students are asked to make video on given topic and upload it on YouTube channel.

Benefits of method

- It helps students to improve subject knowledge.
- It helps students to improve communication skills , self-learning and confidence.
- It helps students to understand the concepts and revised the topic.

6. Roles and Responsibilities

Teacher

- Encourage students to prepare a video on a given topic and upload it on Google Classroom.
- Provide the study material on Topic .
- Remain available during the completion of the task.
- Prepare assessment methodology.

Student

- Go through the concept of the topic.
- Once a topic is assigned, understand and discuss individually within the group.
- Actively participate in groups and contribute by means of discussion.

Group

- Form the group of members as per the guidelines by teachers.
- Understand and discuss to finalize the best solution for the assigned task.
- Assign the work within the group to achieve the task within stipulated time period.

7. Assessment Tools : Maximum Marks 30

Understanding	10	6	3
	Excellent	Good	poor
	Clarity of concepts, Confidence, Appropriateness	Clarity of concepts, Confidence,	Clarity of concepts
Visual & audio Quality (Presentation)	10	6	3
	Excellent	Good	poor
	Good visual quality, Well-rehearsed, smooth delivery in a conversational style, Voice is clear, expressive and enthusiastic	Good visual quality, Well-rehearsed, smooth delivery in a conversational style,	Good visual quality,
Use of Technology	10	6	3
	Excellent	Good	poor
	Screencast length keeps the audience interested & engaged	Screencast length is adequate	Screencast length is inadequate

8.Evaluation sheet of attendee:

A - Understanding (10)

B - Visual & Audio quality (10)

C - Use of Technology (10)

Name of Student	A	B	C	Total
Ekta Bhavsar	7	7	7	21
Sudhanshu Deshmukh	7	9	9	25
Abhishek Bankar	8	8	8	24
Shravani Aher	9	9	7	25
Arpita Aher	7	7	7	21
Manasi Ahire	8	8	7	23
Harshali Ahirrao	7	8	8	23
Rupali Avhad	7	8	8	23
Aditya Bagul	8	8	7	23
Avantika Benke	7	6	6	19
Yash Bhadane	7	7	7	21
Samruddhi Bhandare	9	8	7	24
Abin Biju	7	7	8	22
Raina Borsa	7	7	7	21
Rohan Dash	10	8	8	26
Siddhi Duseja	9	7	8	24
Tejas Gandhalikar	7	7	7	21
Shruti Golesar	7	7	7	21
Sakshi Jadhav	7	6	6	19
Aaditya Joshi	7	7	7	21
Sohan Rajkule	7	7	7	21
Vaibhav Deshmukh	7	7	7	21
Yogita Bhamare	6	6	7	19

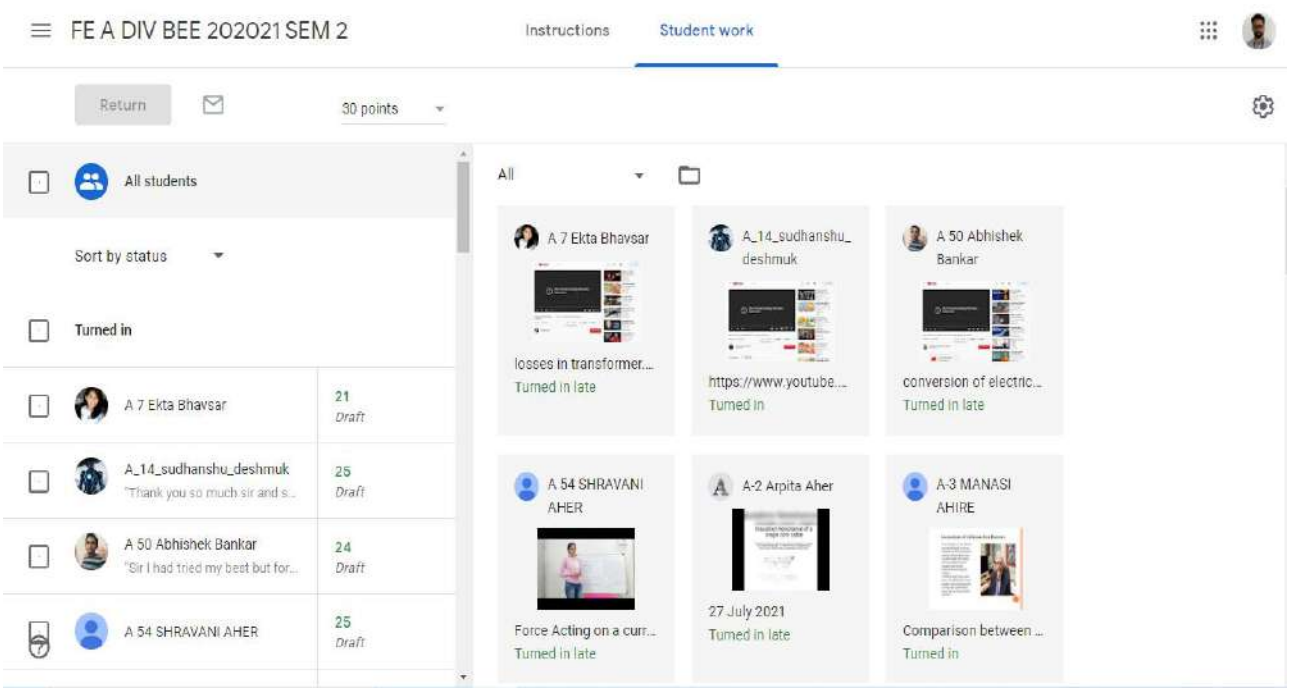
9. Impact Analysis

Sr. No.	3- High/Excellent	2-Moderate /Average	1- Slight/Poor
1. Did you understand and cover the objective of the activity?	83.33%	16.67%	-
2. Do you find that methodology is helpful to cover the content from the syllabus?	80.55%	19.44%	-
3. Does this help you increase your knowledge of the topic?	86.11%	13.88%	-
4. Did you want us to conduct such activity again?	80.55%	19.44%	-
5. Do you feel PO9 is achieved?	75.00%	25.00%	-
6. Do you feel PO10 is achieved?	80.55%	19.44%	-
7. Do you feel PO12 is achieved?	86.11%	13.88%	-

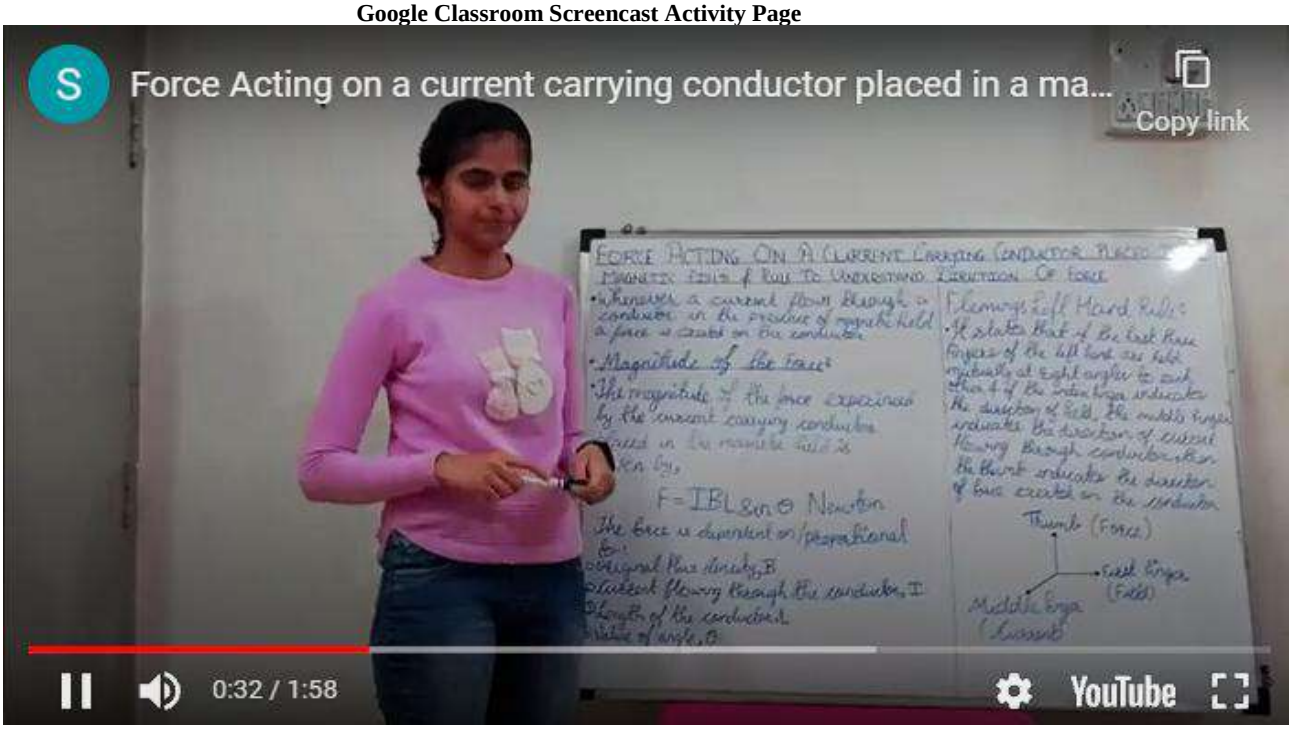
10. Activity Video Links: (samples)

https://youtu.be/qU9rUuKBiEA - MMF, Flux & Reluctance
https://youtu.be/zrlOlDk2HR4 – RLC AC Circuit
https://youtu.be/6xvDA1KtLnU - Direct Loading Test of Single Phase Transformer
https://youtu.be/fUGYaSS4VUk - Superposition Theorem

11. Activity Video Screenshots:



Google Classroom Screencast Activity Page



Submission by Ms. Shravani Aher (Topic: Force Acting on Current Carrying Conductor Placed in Magnetic Field)

Submission by Mr. Rohan Dash (Topic:What is MMF, Flux & Reluctance)

12.For review and critique contact: e-mail address of faculty and HOD

joshi.prasad@kbtcoe.org , hod.enggsci@kbtcoe.org

Mr. P. V. Joshi	Mr. P. V. Joshi	Ms. J. J. Nerkar
Subject Incharge	Module Coordinator	HOD