

Electronics & Telecommunication Engineering

Academic Year – 2020-21	Class: BE
Semester – I	Date : 08 & 09/12/2020
CO6: Present documentation for development of electronic product.	PO: 8,9,10,12

Innovative Teaching Methods

Title of Innovation method/activity: Flip classroom

1. Name of Faculty: Ms. D.V.Patil

2. Subject: Electronics Product Design

3. Objective of Method:

I] To study importance of documentation for electronic products development.

II] To present different types of documents used for development of electronic product.

4. **Topic Covered through Activity:**

- 1] Need and types of documentation.
- 2] Records, Accountability, and Liability.
- 3] Audience.
- 4] Preparation, Presentation, and Preservation of documents.
- 5] Methods of documentation,
- 6] Visual techniques,
- 7] Layout of documentation,
- 8] Bill of material.

5. **Description of method with Benefits (8 – 10 lines):**

Flipped classroom is a pedagogical approach in which direct instruction moves from the group learning space to the individual learning space, and the resulting group space is transformed into a dynamic, interactive learning environment where the educator guides students as they apply concepts and engage creatively in the subject matter.

Roles and Responsibilities

- **Teacher**

- Provide the introduction to topic.
- Provide the Study Material and appropriate guide lines at every stage.
- Remain available all the time during entire process.
- Prepare assessment methodology.

- **Student**

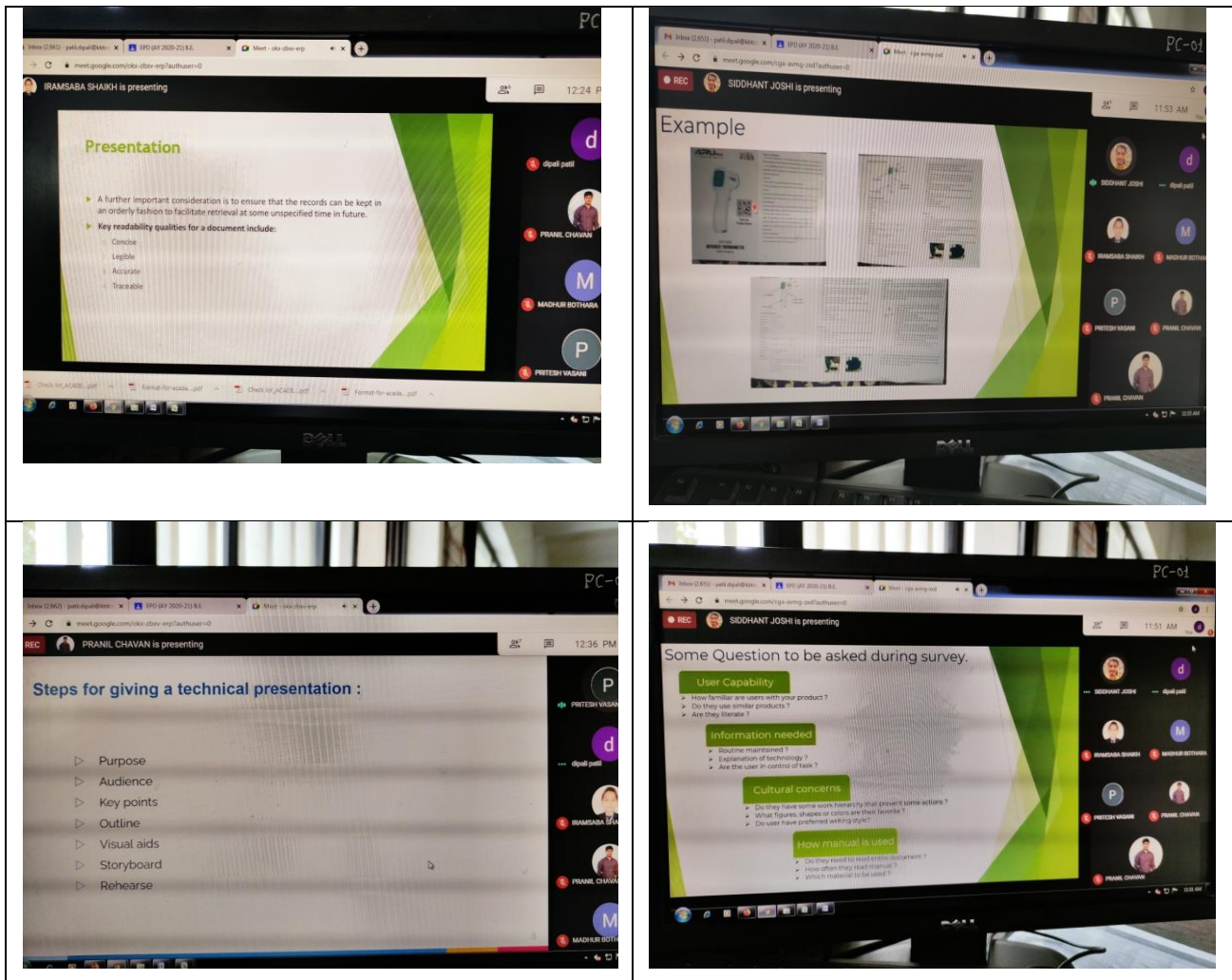
- Go through all the material provided on particular topic

SN	Result Analysis	
1	Total Student	09
	Present Student	08
2	Number of Student Scoring above 60%	08
3	Percentage of student Scoring above 60%	100 %

8. Impact Analysis:

SN	4- Excellent	3- Good	2- Average	1- Poor
Did you find methodology helpful? (PO12)	06	01	00	00
Does the content covered are relevant?(CO6)	05	02	00	00
Are you able to present document from available data? (PO9, PO 10)	YES- 07	No- 00		
Would you like to participate in this methodology again?	YES - 07	No-00		

9. Activity Picture



Recorded Video Links:

https://drive.google.com/file/d/1JIP39bNvMPjzovYWh46CjVVQy0_TlzTG/view?usp=sharing

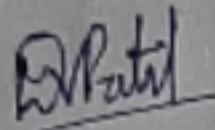
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<https://drive.google.com/file/d/1bE4PoC1pNaoFeqwEMxF6aw6NLyXCLKS7/view?usp=sharing>

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

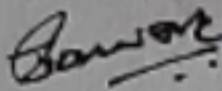
patil.dipali@kbtcoe.org

hod.etc@kbtcoe.org



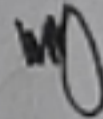
Ms. D.V. Patil

Subject In charge



Mr. B.J. Pawar

Module Coordinator



Dr. V. M. Birari

HoD