
	Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering & Research Ravet, Pune IQAC PCCOER	
Academic Year: 2023 - 24	Records of Innovative, Creative Teaching-Learning methodology/ Pedagogy adopted	Term: I

Innovations by The Faculty in Teaching and Learning

Event Title	Flipped Classroom activity
Participants	Third Year Student
Venue / Location	Classroom 518
Organizing Team	-
Faculty	Dr. Archana.K
Academic Year / Sem.	2023-24 (TE Semester-I)
Date	28.8.2022

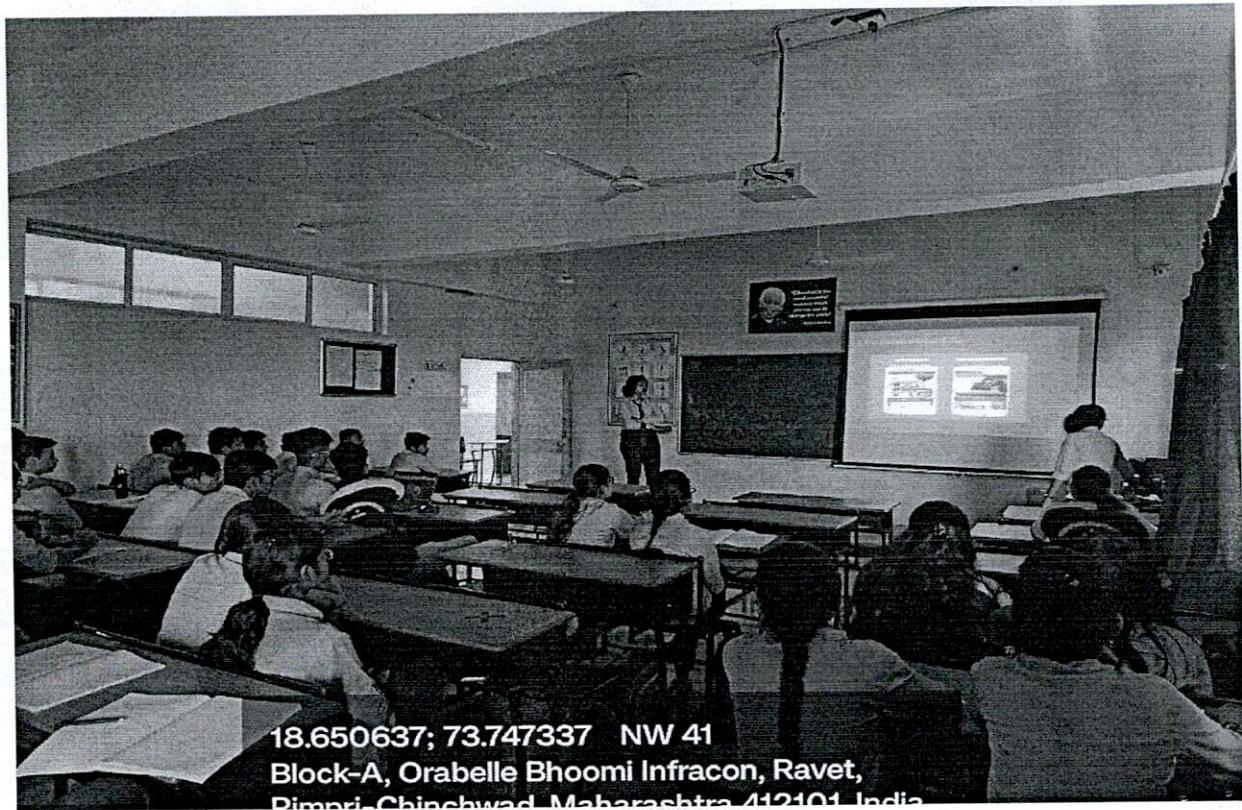
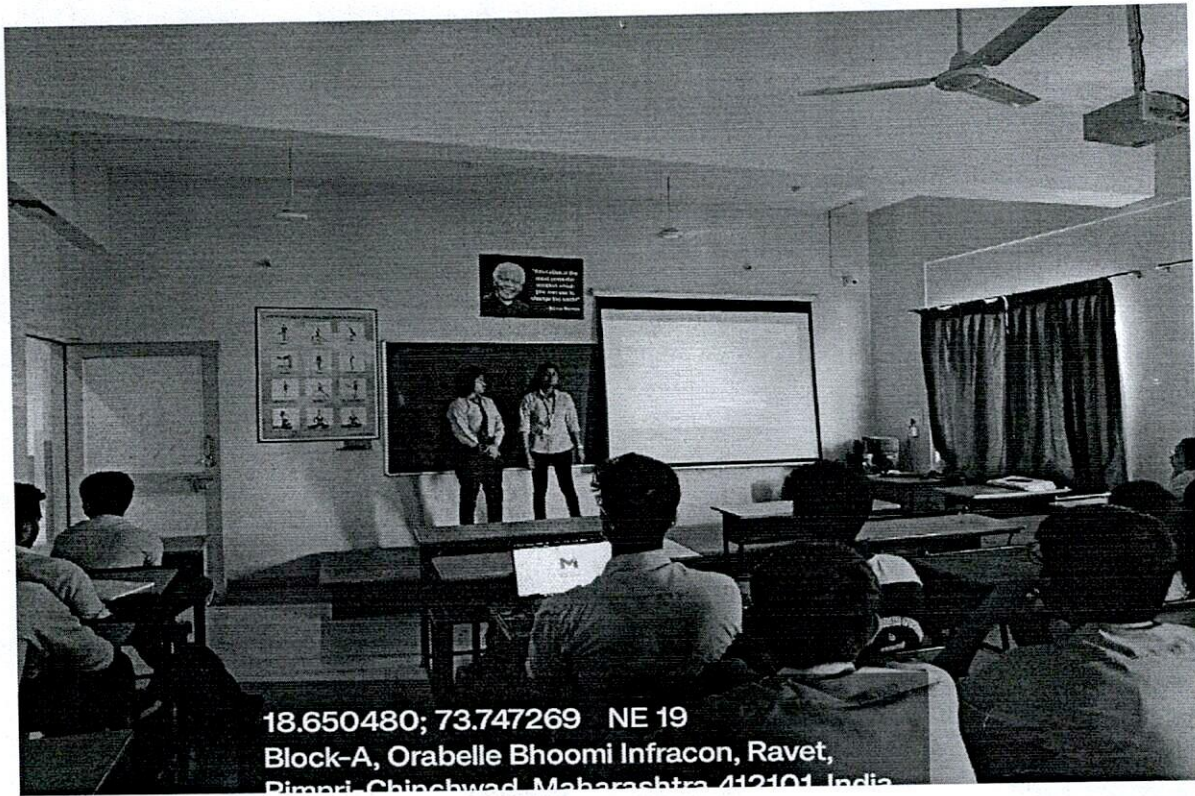
Objective of the Event/Activity Conducted:

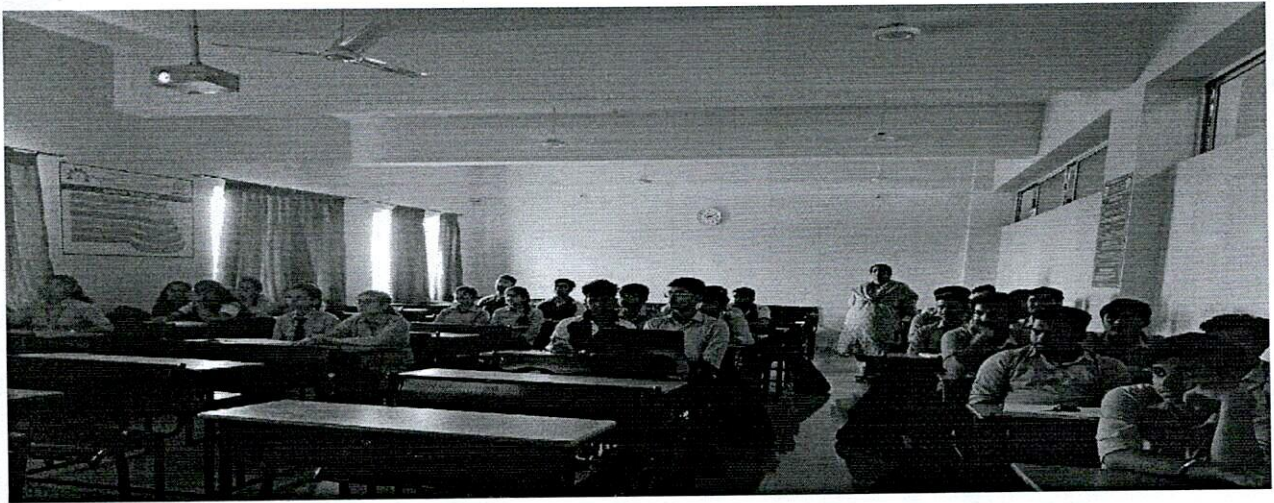
- The objectives of flipped classroom activity are to enhancing the learning experience and improving the effectiveness of class room learning.

Details of Activity:

- Flipped Classroom activity
- Topic: Good design and bad design interface
- E-Resources:
<https://h2o-digital.com/user-interface-good-design-vs-bad-design/>
<https://www.interaction-design.org/literature/article/bad-design-vs-good-design-5-examples-we-can-learn-from-bad-design-vs-good-design-5-examples-we-can-learn-from-130706>
- Student presentation by:
 TECOB73 Sawant Dipali Balaso
 TECOB75 Janjire Arya Deepak
- Quiz Link:
<https://forms.gle/NpG36YQTdrH8KYFNA>

Event / Activity Photos:





Outcome of the Event/Activity Conducted:

Through this activity, students were able to

- **Improved Understanding:** Students often have a better understanding of the course material since they engage with it before coming to class. This pre-exposure makes it easier for them to grasp complex concepts during in-class activities.
- **Increased Engagement:** Students are more engaged in the learning process because they are actively participating in discussions, problem-solving, and hands-on activities during class time.
- **Enhanced Critical Thinking:** Flipped classrooms emphasize higher-order thinking skills, encouraging students to analyze, synthesize, and evaluate information rather than just memorizing facts.
- **Active Participation:** In-class activities require students to actively participate and apply what they've learned, which can lead to a deeper understanding and retention of the material.
- **Peer Collaboration:** Collaborative activities in a flipped classroom encourage students to work together, share ideas, and learn from each other's perspectives.
- **Individualized Learning:** Students have the flexibility to review materials at their own pace, catering to their individual learning preferences and needs.
- **Effective Use of Class Time:** With lectures moved outside of class, instructors can use valuable class time for interactive discussions, problem-solving exercises, and addressing specific student queries.
- **Improved Teacher-Student Interaction:** Instructors have more opportunities to engage with students individually or in small groups, providing personalized guidance and addressing misconceptions.
- **Ownership of Learning:** Flipped classrooms encourage students to take ownership of their learning process, making them more responsible for their education.
- **Adaptability and Lifelong Learning Skills:** Students develop skills that are valuable beyond the classroom, such as self-directed learning, time management, and the ability to seek out resources independently.
- **Increased Access to Resources:** Flipped classrooms often utilize a variety of multimedia resources, expanding students' access to different types of learning materials.
- **Reduced Passive Learning:** Traditional lectures can sometimes result in passive learning, where students are more likely to tune out. Flipped classrooms minimize passive learning by promoting active participation.

Evaluation Method Used: Topic specific quiz for evaluating understanding of the students was conducted after the session.

Details of the Evaluation: Quiz score

Username	Total score	Roll No	Full name
kunal.jadhav_comp21@pccoer.in	10.00 / 10	B 39	kunal Jadhav
tejas.varpe_comp21@pccoer.in	9.00 / 10	TecompB17	Tejas Varpe
ayan.shaikh_comp21@pccoer.in	8.00 / 10	55	Ayan Shaikh
kajal.shingavi_comp21@pccoer.in	10.00 / 10	27	Kajal Rahul shingavi
krutika.patil_comp21@pccoer.in	10.00 / 10	12	Krutika kishor Patil
renuka.nikumbh_comp21@pccoer.in	10.00 / 10	34	Renuka Sanjay Nikumbh
samruddhi.jadhav_comp21@pccoer.in	10.00 / 10	35	Samruddhi Vijay Jadhav
kashish.mahajan_comp21@pccoer.in	10.00 / 10	22	Kashish Mahajan
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krishna.sharma_comp21@pccoer.in	10.00 / 10	TY COMP B02	Krishna H Sharma
kartikeyan.peshwe_comp21@pccoer.in	8.00 / 10	7	kartikeyan peshwe
shubham.biradar_comp21@pccoer.in	8.00 / 10	19	Shubham Biradar
sahil.kinge_comp21@pccoer.in	9.00 / 10	25	Sahil Sanjay Kinge
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sahil.shinde_comp21@pccoer.in	6.00 / 10	20	Sahil Sanjeev Shinde
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aditya.kobal_comp21@pccoer.in	8.00 / 10	TECompB13	Aditya kobal
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vedant.ghule_comp21@pccoer.in	10.00 / 10	B51	Vedant Rajendra Ghule
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aryan.kadam_comp21@pccoer.in	9.00 / 10	8	Aryan Bapurao Kadam
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sanskar.shinde_comp21@pccoer.in	9.00 / 10	62	Sanskar Shinde
tanay.makhar_comp21@pccoer.in	9.00 / 10	3	Tanay Makhar
aditya.goyal_comp21@pccoer.in	6.00 / 10	61	Aditya Goyal
chetan.phulmante_comp21@pccoer.in	10.00 / 10	B58	Chetan Phulmante
pranjal.more_comp21@pccoer.in	10.00 / 10	49	Pranjal Vikas More
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chaitanya.nerkar_comp21@pccoer.in	7.00 / 10	TECOMPB59	Chaitanya Nerkar
prajwal.thorat_comp21@pccoer.in	6.00 / 10	57	Prajwal thorat
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prajakta.kapadnis_comp22@pccoer.in	10.00 / 10	TECOB71	Prajakta Anil Kapadnis
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Course Coordinator/Course
Faculty

Department Academic
Coordinator

Head of Department

Peer Review Analysis: ✓ **the appropriate option.**

1) This activity helps in effective content delivery?

✓ Yes No Maybe

2) This activity is relevant for topic delivery?

✓ Yes No Maybe

3) This activity can be incorporated for more topics?

✓ Yes No Maybe

4) This activity can be further enhanced from design and execution point of view?

Yes No ✓ Maybe


5) Contents delivered and presented are reproducible?

✓ Yes No Maybe

Any remarkable suggestion/comments by Peers:

Good activity. planned well & executed well.

Name and signature of reviewer:


(Dr. A. D. Jadhav)

Peer Review Analysis: ✓ the appropriate option.

1) This activity helps in effective content delivery?

Yes No Maybe

2) This activity is relevant for topic delivery?

Yes No Maybe

3) This activity can be incorporated for more topics?

Yes No Maybe

4) This activity can be further enhanced from design and execution point of view?

Yes No Maybe

5) Contents delivered and presented are reproducible?

Yes No Maybe

Any remarkable suggestion/comments by Peers:

Good activity for best learning outcome

Name and signature of reviewer:

Dr. A.A. Changule
Changule

Peer Review Analysis: ✓ **the appropriate option.**

1) This activity helps in effective content delivery?

Yes ✓ No Maybe

2) This activity is relevant for topic delivery?

Yes ✓ No Maybe

3) This activity can be incorporated for more topics?

Yes No Maybe ✓

4) This activity can be further enhanced from design and execution point of view?

Yes ✓ No Maybe

5) Contents delivered and presented are reproducible?

Yes ✓ No Maybe

Any remarkable suggestion/comments by Peers:

Improvement in confidence, communication
of students was observed.

Name and signature of reviewer: David