



BEST PRACTICE 1

FLIPPED CLASSROOM APPROACH

This approach flips the traditional classroom model by having students learn the material outside of class and then discuss it in class. This makes learners to take more ownership of their self-learning and encourages deeper understanding of the material.

Inverting the traditional classroom model, the Flipped Classroom Approach empowers learners to assume greater responsibility for their learning. This innovative strategy encourages deeper comprehension of course material.

The innovative Flipped Classroom Approach redefines traditional learning. Learners engage with the course material outside of class, fostering greater self-directed learning and facilitating in-depth discussions during class time.

The following are the steps involved in Flipped Classroom Approach in the institution.

- ✓ Content Creation: Learning facilitators prepare engaging digital content (videos, readings, quizzes) for pre-class learning.
- ✓ Guided Pre-Learning: Learners are assigned pre-class work, ensuring readiness for in-class discussions.
- ✓ In-Class Engagement: Class time is dedicated to active discussions, problem-solving, and clarification of concepts.
- ✓ Technology Integration: Leverage learning management systems and technology for content delivery and assessment.
- ✓ Feedback Round: Regularly collect student feedback to refine the approach for continuous improvement.

The members of faculty of all the departments adopted the Flipped Classroom approaches during the year 2022-2023.



Objective of the Practice:

- To invert the traditional classroom model with prior-preparation for discussions

The Context:

- To foster deeper understanding of the courses

The Practice:

- Preparing Resources: To cover the topics for discussion
- Pre-Class Learning: To understand before attending the class
- In-Class Activities: To have interactive discussions and group activities
- Periodic Assessment: To evaluate students' understanding

Evidence of Success:

- Improved Student Performance was resulted
- Increased Attendance was found
- Positive Feedback about the learning process

Problems Encountered and Resources Required:

- Technological Challenges were observed and encountered
- Faculty Training was needed and arranged
- Time-consuming initially and reduced subsequently



BEST PRACTICE 2

UNDERGRADUATE RESEARCH OPPORTUNITIES

The students are provided the opportunity to conduct research under the guidance of a faculty member from very beginning itself. This helps students to develop research skills and gain valuable experience in lucid intervals. This practice offers students with ample opportunities to undertake research projects with interests under faculty-guidance.

For ensuring self-driven learning, critical thinking, research, and innovation, all the members of faculty are nurturing the skill set essential for the students. Through this practice, the students actively engage in research projects under faculty mentorship, developing essential research skills and practical knowledge.

The following are the footsteps of Undergraduate Research Opportunities offered in the institution.

- ✓ Research Guidance: Faculty-mentors guide the students in selecting research topics and developing research proposals in first year itself right after their admission to a varied programmes.
- ✓ Resource Access: Ensure access to research facilities, libraries, and online databases.
- ✓ Project Oversight: Faculty-guide provides ongoing supervision and support throughout the research process.
- ✓ Collaboration: Encourage interdisciplinary collaboration and peer-to-peer learning.
- ✓ Presentation and Publication: Facilitate opportunities for the students to present their research findings and consider publications.
- ✓ Recognition: Recognize outstanding research projects through awards or showcases.

The members of faculty of all the departments ensured the Research engagements of Undergraduate students during the year 2022-2023.



Objective of the Practice:

- To foster research culture among UG students

The Context:

- To instill research and analytical skills

The Practice:

- Identifying Research Areas: To align with the relevance
- Student Participation: To propose their own research ideas
- Research Workshops: To equip students with the necessary skills
- Regular Guidance: To mend throughout the research process
- Research findings: To take policy decisions

Evidence of Success:

- Research Publications were made in reputed journals
- Presentations at conferences
- Amplified student enthusiasm

Problems Encountered and Resources Required:

- Initial time constraint was managed
- Funds for materials, travel& conference managed
- Inadequate research-infrastructure was provided