



**BHARATHIDASAN UNIVERSITY**  
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**TAMILNADU, INDIA**

**PROGRAMME: MASTER OF EDUCATION (M.Ed)**

**COURSE TITLE: PEDAGOGY AND INSTRUCTIONAL DESIGN**

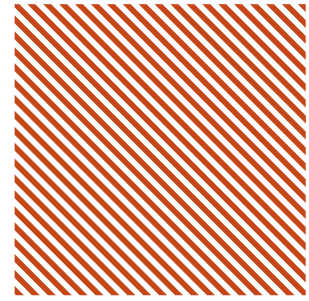
**COURSE CODE : CC13**

**Unit II Recent Trends in Pedagogical Practices**  
**(Flipped Classroom)**

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# Flipped Classroom Teaching

**The flipped classroom reverses the traditional learning environment by delivering instructional content, often online, outside of the classroom. What would traditionally be considered homework (e.g., problem-solving) is now completed in class under the guidance of the instructor, while lectures are viewed at home.**

## **Core Concept:**

Students watch pre-recorded lectures or read assigned materials outside of class. In-class time is used for exercises, projects, or discussions.

## **Benefits:**

Increases active learning during class time.

Offers flexibility to students in how they engage with the material.

Encourages students to take ownership of their learning process.

Teachers can provide personalized guidance during classroom activities.





## Implementation

Prepare video lectures, podcasts, or reading materials that students can engage with before coming to class.

In class, use activities such as problem-solving sessions, group discussions, or case studies to apply the knowledge.

Platforms like YouTube, Moodle, or Google Classroom can be used for sharing pre-class materials.



# Blended learning

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**Blended learning is a hybrid approach that combines face-to-face classroom methods with online educational materials and activities. This model allows for both synchronous and asynchronous learning, where students can interact in real-time or complete activities at their own pace.**



## Core Concept

The integration of online and offline learning experiences allows students to have more control over the time, place, path, and pace of learning.



## Benefits

Enhances flexibility in learning by accommodating different learning styles.

Allows for continuous feedback and assessment through online tools.

Improves engagement by integrating multimedia content and interactive technologies.

Encourages self-paced learning alongside guided instruction.



## Implementation

Use learning management systems (LMS) like Blackboard, Canvas, or Google Classroom to deliver digital content, quizzes, and assignments.

Integrate video conferencing tools (e.g., Zoom, Microsoft Teams) for live sessions.

Plan a mix of in-person sessions focused on discussions, labs, and group work, combined with online learning modules for theoretical concepts.

# Learner-Centred Teaching



Learner-centred teaching places students at the center of the learning process. Rather than passively absorbing information, students actively participate in constructing knowledge through experiences, reflection, and interaction with peers and the instructor.

## **Core Concept:**

The teacher's role transitions from being the sole source of knowledge to a facilitator or guide. The focus is on the development of critical thinking, problem-solving, and independent learning skills.

## **Benefits:**

Empowers students to take charge of their learning.

Promotes deeper understanding by engaging students in active problem-solving.

Supports differentiation, addressing diverse learning needs and styles

## **Implementation:**

Use project-based learning, case studies, and role-playing to encourage active engagement.

Foster a collaborative learning environment where students can interact and work in groups.

Provide opportunities for reflection and self-assessment to help students track their learning progress.

Tailor instruction to individual learner needs using differentiated



# Mobile Learning (m-Learning)



Mobile learning allows students to access educational content and resources through smartphones, tablets, and other portable devices. This mode of learning is flexible, enabling learning to happen anywhere and anytime.

# Core Concept

Learning happens on mobile devices, offering portability, ease of access, and learning on-the-go.

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# Benefits

Provides greater flexibility in when and where learning takes place.  
Facilitates personalized learning experiences.  
Encourages continuous learning outside the traditional classroom setting.

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# Implementation

Use mobile-friendly apps like Kahoot, Quizlet, or Duolingo for interactive learning activities.  
Share podcasts, videos, and other multimedia resources through mobile platforms.  
Implement push notifications and alerts to keep students engaged with deadlines and updates.  
Use social media or mobile forums to foster communication and collaboration among students.



# Problem- Based

# Learning (PBL)

**Problem-Based Learning is an instructional method where students learn by solving complex, real-world problems. Rather than being presented with facts or a predetermined path to learning, students learn concepts as they work through the problem.**



## **Core Concept**

Students develop knowledge and problem-solving skills by tackling real-world issues in a collaborative environment.

## **Benefits**

Enhances critical thinking, creativity, and decision-making.

Encourages interdisciplinary learning and the application of knowledge to real-life situations.

Develops teamwork and communication skills.

## **Implementation**

Present students with an open-ended problem to solve. This could be a case study, scientific problem, or business challenge.

Facilitate group work where students research, discuss, and propose solutions collaboratively.

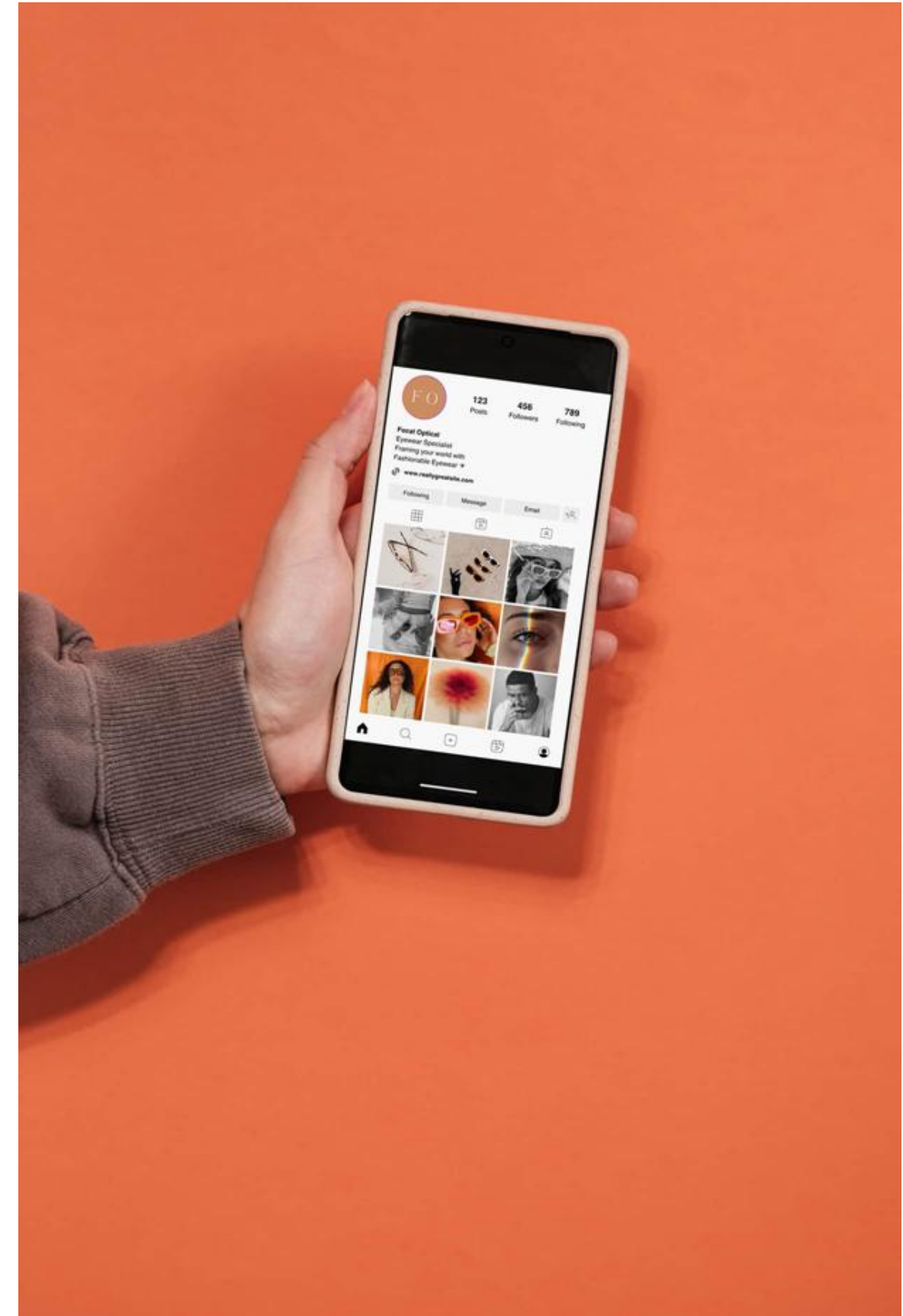
Encourage self-directed learning, where students identify the knowledge they need to address the problem.

Guide students in reflecting on their learning and the solution process.



# Learning through Social Networking

**Tools** Social networking tools like Facebook, Twitter, LinkedIn, and academic platforms such as Academia.edu allow students to connect, share resources, collaborate, and engage in academic discussions.



## Core Concept

Leveraging social media platforms to foster informal and peer-supported learning communities.

## Benefits

Encourages communication and collaboration outside of formal classroom settings.  
Provides a platform for students to share resources and engage in discussions.  
Supports building professional networks and academic communities.

## Implementation

Create course-specific groups on platforms like Facebook or LinkedIn where students can share articles, ask questions, and collaborate on projects.  
Use Twitter for real-time discussions and debates on course-related topics.  
Leverage tools like WhatsApp or Telegram for quick communication and group discussions.  
Encourage students to blog or post videos to demonstrate their learning and receive peer feedback.





# Team Teaching

**Team teaching involves two or more teachers sharing the responsibilities of planning, teaching, and assessing the same group of students. This method allows for collaboration between teachers who may bring different areas of expertise to the classroom**

## Core Concept

Multiple instructors work together to deliver instruction, often offering students a more comprehensive understanding of the subject matter.

## Benefits

Offers diverse perspectives and expertise in subject areas.

Enhances the student learning experience by reducing teacher-student ratios.

Provides opportunities for professional development as teachers learn from each other.

## Implementation

Plan the curriculum collaboratively and ensure both teachers are aligned on lesson objectives and teaching methods.

Divide responsibilities; one teacher might focus on delivering content while the other facilitates group work or provides one-on-one support.

Rotate roles during class to keep the learning experience dynamic and interactive.



# Co-Teaching

**Co-teaching is a more structured form of team teaching where two teachers share the planning, instruction, and assessment of students. It is particularly common in inclusive classrooms where a general education teacher and a special education teacher work together to meet diverse student needs.**



# Core Concept

Two teachers collaborate to ensure that students with diverse needs have access to personalized and effective instruction.

# Benefits

Provides individualized support for students with special needs or those who require additional attention. Facilitates a more inclusive classroom environment. Allows for differentiated instruction, catering to a variety of learning styles.

# Implementation

Utilize co-teaching models such as "One Teach, One Assist," where one teacher leads while the other provides support to individual students.

Another model is "Station Teaching," where teachers divide the class into groups and teach different concepts at each station.

Plan lessons collaboratively to ensure both teachers can contribute effectively to the learning process.

**Thank you**

