



**NITTTR
BHOPAL**

MH-13/2026-2027

**Innovative Teaching Pedagogies (Flipped Classroom,
Blended Learning)**

29-06-2026 to 03-07-2026

COEP Technological University, Pune

<https://erp.nitttrbpl.ac.in/poc2026/?id=regMH-13>



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Rationale

In the era of global economies, emerging technologies, and exponential growth in information, our society is being transformed. The new and innovative literacies are becoming part of the educational landscape. There is a growing need for equipping practicing teachers with a set of teaching and assessment skills with ICT skills for effective inculcation of learning. Classroom instructional quality (and its relationship to learning outcomes) can be critical for educational change. As a result, the development of teaching competencies known as teaching pedagogy skills is garnering increasing attention to refine teacher's instructional quality.

Considering the rising demand for equipping practicing teachers with 21st century skills, this programme aims to equip teachers with relevant learner centric pedagogical competencies, including advanced teaching methods, use of ICT tools, in teaching and learning. The purpose is to incorporate creativity and technology into teaching – learning and assessment to create a rich learning experience for students and a rewarding teaching experience for faculty.

Programme Outcomes

After completing the programme, the participants will be able to

- i. Interpret the provisions of NEP 2020 and IR 4.0, and their implications for the Technical Education System.
- ii. Integrate the various aspects of outcome-based education for effective implementation of the pre-determined learning outcomes.
- iii. Select appropriate advanced instructional methods and strategies with their successful implementation for the attainment of the learning outcomes.
- iv. Practice innovative teaching strategies to improve the teaching-learning process;
- v. Formulate T-L strategies to develop higher-order thinking.

Programme Content

• NEP 2020: An Introduction, Vision & Mission, PEO, PSO, Domains of Learning, Learning Theories: (Behaviourist, Cognitivist, Constructivist, Connectivism), Outcome-based Education and NBA Accreditation, Outcome-Based Assessment, Higher Order Thinking Skills, Overview of Advanced Teaching Methods, Group Discussion and Case Study, Project-based and problem-based learning, Flipped classroom and blended learning, Rubric as an assessment tool, Adopting Digital Tools and Techniques in Teaching-Learning & Assessment, Micro-projects, assignments and capstone projects development

Target Group

Faculty of all disciplines

Coordinator & Co-Faculty

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