



**NITTTR  
BHOPAL**

**CDAE-4/2024-2025**

# Embedding Innovations in Engineering Education Curriculum, Assessment and Pedagogy

**21-10-2024 to 25-10-2024**

**NITTTR Bhopal**

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## Rationale

National Education Policy (NEP) 2020 envisions many innovations and reforms in the engineering & technology education. Major reforms mentioned are overhauling of curriculum, assessment and pedagogy.

All Universities and Institutions have started transforming the curriculum of engineering/ technology / social sciences etc. programmes to align with national policy directives and industry needs in the changed context and era of industry 4.0 and skills demands. Many challenges and issues are envisaged in curriculum design and implementation, pedagogy and assessment in the context of NEP 2020.

This programme aims to deliberate on capability and capacity building of policy makers, teachers/trainers on different reforms and innovations in curriculum design and development, pedagogy and assessment.

## Programme Outcomes

- Comprehend the different dimensions of NEP-2020 in context of Curriculum, Assessment and Pedagogy.
- Apply the philosophy of Outcome-Based Education in the innovative design of Curriculum and Assessment system of Engineering Programmes.
- Use the innovative pedagogical approaches/methods in teaching and learning.
- Apply the assessment reforms in curriculum design and implementation, specifically using rubric as assessment tool.

## Programme Content

- Dimensions of NEP 2020 in the context of Curriculum, Assessment and Pedagogy.
- Philosophy of Outcome Based Education and Curriculum reforms.
- Formation of Course Outcomes.
- Innovations and Challenges in Pedagogy.
- Assessment Reforms and Challenges.

## Target Group

Faculty of all disciplines

## Coordinator & Co-Faculty

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