



RESOURCE PERSONS



Dr. K.S. Giridharan
Professor
Rural & Entrepreneurship Development
NITTTR, Chennai



Dr. M. Anil Kumar
Associate Professor
Rural & Entrepreneurship Development
NITTTR, Chennai



Mr. M. Sutaarson
Assistant Professor
Education, NITTTR, Chennai



Er. PERUMAL MANIMEKALAI
COLLEGE OF ENGINEERING
(AUTONOMOUS)



ONE WEEK FACULTY DEVELOPMENT PROGRAMME (FDP)

ON
"PRINCIPLES & PRACTICES OF
OUTCOME BASED
EDUCATION"

In association with
NITTTR, Chennai

Batch I : 04.08.2025 TO 08.08.2025



www.pmctech.org
Contact us: hr@pmctech.org

DEPARTMENT OF PEOPLE & CULTURE

1. Introduction

Outcome-Based Education (OBE) is an educational approach that focuses on clearly defined outcomes, or what students should be able to demonstrate they know and can do, rather than just the content covered in a course. It emphasizes aligning teaching, learning, and assessment to ensure students achieve these specific, measurable outcomes.

The 5 – days Faculty Development program on “**Principles & Practices of Outcome - Based Education**”, planned to be conducted in association with NITTTR, Chennai, is dedicated to equip educators with essential skills and knowledge for implementing Outcome – Based Education (OBE).

2. Rationale

Outcome Based Education and its linkage to teaching-learning outcome have become pertinent in higher education institutes and their growth. All Accreditation bodies require institutes to understand the effective implementation of OBE and its collaboration with the guidelines under NEP 2020. To learn and imbibe the tools and techniques of OBE has become an important area of faculty development as academic administration is a key responsibility undertaken by faculty members across all HEIs.

This FDP aim to impart motivation and nurture faculty members, develop professional competence in the area of outcome-based education system. The objective of the FDP is to undertake fruitful discussions about the processes to be adopted, techniques to be incorporated into the teaching system thus creating unique opportunity for innovative assessment and student engagement. This would help in developing learning driven student engagement tools by the faculty. Also covered under the NEP 2020 guidelines.

This program aims to amalgamate the foundations of OBE and transition from traditional teaching methods to outcome – driven framework for process driven implementation.

3. Course Outcomes:

- ❑ Understand the innovative approaches and assessment of teaching in higher education institutions.
- ❑ Learn and practice techniques and tools to attain the desired outcome for a specific course.
- ❑ Acquire knowledge of applying research and case-based learning in regular classroom delivery.
- ❑ Understand the key concepts of outcome mapping and assessment design.
- ❑ Understand and employ the artificial intelligence-based tools and techniques in regular classroom delivery.

4. Course Objectives:

Participants will be able to

- ❑ Frame course objectives and course outcomes.
- ❑ Analyze gap in curriculum.
- ❑ Identify competency statement and performance indicators in the respective course.
- ❑ Practice CO- PO mapping and define instruction statement for CO-PO mapping.
- ❑ Practice question paper setting to assess attainment of Course outcome.
- ❑ Calculate the attainment level of the course on targeted outcome.
- ❑ Integrate AI tools for CO-PO mapping and calculation.
- ❑ Plan and execute the remedial action for attainment of CO in line with PO.

5. Course Contents

- ❑ Introduction to outcome – Based Education
- ❑ Course Objectives & course outcomes
- ❑ Analyze gap in curriculum
- ❑ Competency statement and performance indicators
- ❑ CO- PO mapping and instruction statement for CO-PO mapping
- ❑ Question paper setting to assessment for OBE
- ❑ . Attainment Calculation
- ❑ AI tools for OBE.