Thapar Learn

(CAPSL: Centre of Academic Practices and Student Learning)



3rd OPEN SCIENCE FORUM (OSF3)

26th and 27th February 2025

Manmohan Chhibber

Fostering Excellence Through Exchange Programs



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Thapar Institute of Engineering and Technology, Patiala

Contemporization at TIET

Year -2014-2017



OBJECTIVES

To provide a world-class educational experience by incorporating global best practices.

To allow TIET students to transfer credits to TCD to complete degrees.

26th and 27th February 2025 Thapar Institute of Engineering and Technology, Patiala

Contemporization at TIET

Year -2014-2017

- •100 crores earmarked for lab development during the next 3 years
- New Lecture Halls, modern Library, academic blocks and student residences being developed by international architects

Centre for Academic Practice

modules for all faculty as per their needs analysis

and Student learning to be

Continuing education

• Faculty training and re-

training

Physical and Laboratory Infrastructure

ysical and

 Engineering programs curriculum completely harmonized

- Examination Reforms
- Experiential learning introduced
- International Engineering program (Credit Transfer scheme)

Faculty Training and Development

Teaching & Research

Curriculum

Harmonization

- Engineering Design Projects every year
- Research led teaching
- Two Chairs established to lead research in thematic areas
- Research success metrics developed

A Thapar-shaped education

- Paradigm Shift





26th and 27th February 2025 Thapar Institute of Engineering and Technology, Patiala

Contemporization at TIET

Year -2014-2017



- ☐ Student Exchange Program with TCD
- ☐ Trinity Academics Visited to Conduct Workshops for **TIET Faculties**
- **Outcome Based Education**
- Research Inspired Teaching
- **Project Led Learning**
- **Experiential Learning**

Thapar Institute of Engineering and Technology, Patiala



Year -2018-2019



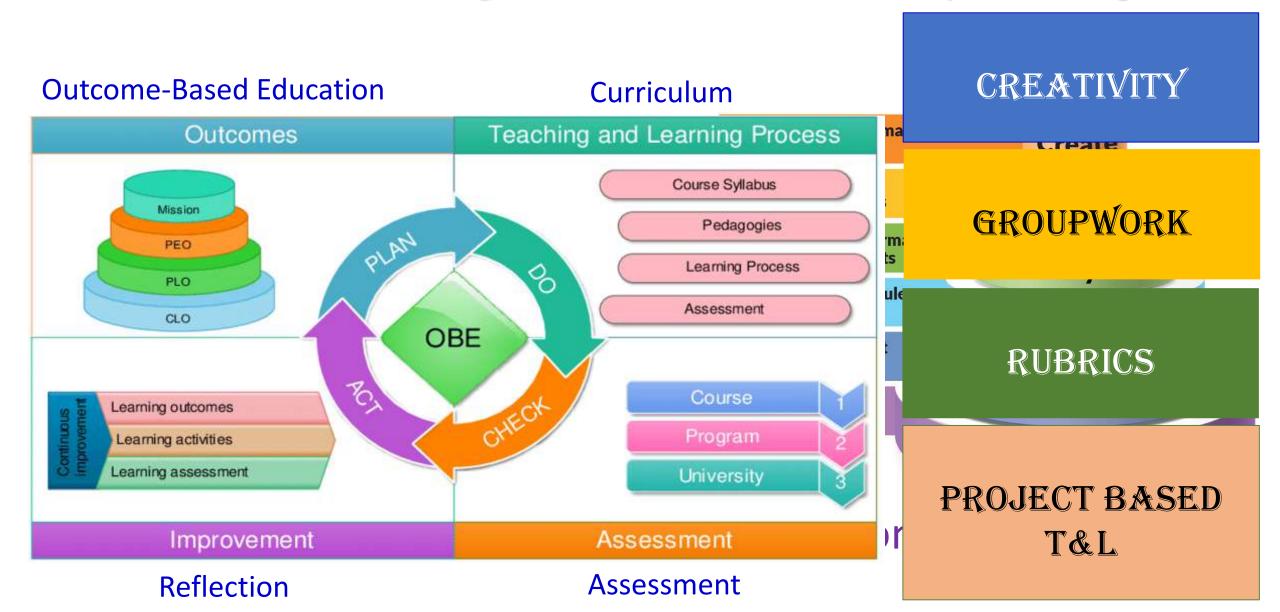




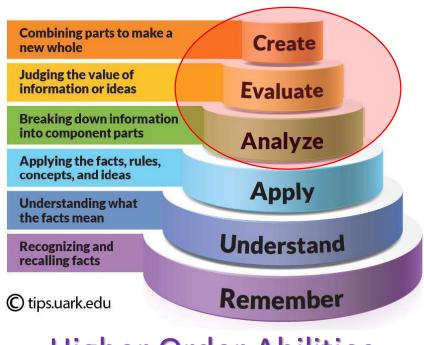
Faculty Development Programs

New Directions Program – For New Faculty Colleagues **Evolved Recapture Sessions**— To Refresh and Update the T&L Methodologies **Communities of Practice** – To Share Class Room, Evaluation and Project Experiences Lunch Time Seminars – Detailed Presentation on Classroom Experience - Discussion

New Directions Program – For New Faculty Colleagues



EVOLVED RECAPTURE SESSIONS—To Refresh and Update the T&L Methodologies



Higher Order Abilities
Bloom's Taxonomy



Teaching Philosophy

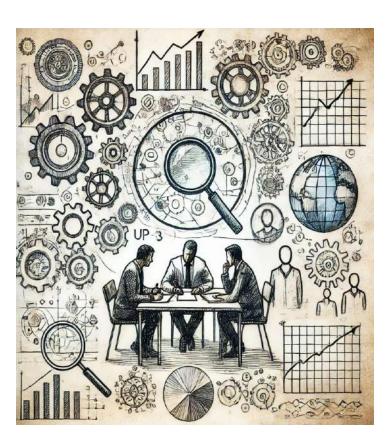


Course Design

EVOLVED RECAPTURE SESSIONS—To Refresh and Update the T&L Methodologies



Soft Skills for T & L



Collaborative Research



Social Media in T & L

OTHER INITIATIVES

- YouTube Channels
- Personal Webpages
- TIET's Learning Management System
- Library Repository

Thank You