The Department of Applied Sciences, Humanities and Management, National Institute of Technology, Delhi Organises

A One-Week Faculty Development Programme on

Implementation of Outcome-Based Education in Technical Institute

📅 July 21 - July 27, 2025

📍 Online

About National Institute of Technology Delhi (NITD):

National Institute of Technology Delhi (NITD) is a Public Technical University located in Delhi, India, established in 2010 by an act of Parliament. It functions as an autonomous institute under the Ministry of Education, India. The institute's academic activities were initially conducted at NIT Warangal and later moved to temporary campuses in Dwarka and Narela before establishing its permanent campus in Bakoli.

NIT Delhi offers B.Tech and M.Tech programs in various engineering departments including Computer Science and Engineering (CSE), Electrical and Electronics Engineering (EEE), and Electronics and Communication Engineering (ECE). Ph.D programs are also offered in disciplines such as Applied Sciences, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering, and Mechanical Engineering. The institute is actively involved in research, consultancy, and development activities. In 2024, NIT Delhi was ranked 45th among engineering colleges by the National Institute Ranking Framework.

About Department of Applied Sciences, Humanities and Management:

The Department of Applied Sciences has been functioning since 2010. It provides advanced study and research facilities in the sciences, humanities, and management, aiming for the holistic development of individuals and collective solutions through research and innovation. The department includes five disciplines: Physics, Chemistry, Mathematics, English, and Management Studies. Currently, it offers Ph.D programs in all these disciplines and M.Tech in Mathematics and Computing. Faculty members provide foundational courses for B.Tech students in engineering disciplines.

About the Faculty Development Programme:

The Faculty Development Programme (FDP) on "Implementation of Outcome-Based Education in Technical Institute" is designed to foster a comprehensive understanding of Outcome-Based Education (OBE) among academicians in technical institutions. The program aims to impart essential knowledge for developing pedagogical prerequisites, skills, and techniques necessary for creating and delivering effective learning experiences. This aligns seamlessly with the National Education Policy (NEP) 2020, which emphasises a transformation towards a more holistic, flexible, and skill-oriented education system. The FDP will cover practical aspects like writing COs using Bloom's Taxonomy, CO-PO mapping, direct and indirect assessment methods, and designing rubrics for attainment. This FDP is primarily geared towards teachers in technical institutes, research scholars, and industry professionals in higher education, reflecting the multifaceted needs of the higher education landscape.

Topics to be Covered

- Introduction to OBE: Philosophy, Need, and Global Trends
- Understanding Vision, Mission, PEOs, POs, COs
- NBA Accreditation: Criteria and Compliance
- Writing COs using Bloom's Taxonomy
- CO-PO Mapping Techniques & Attainment Levels
- Direct and Indirect Assessment Methods

- Designing Rubrics for CO and PO Attainment
- Tools for OBE: Excel, Google Sheets, Software
- Attainment Calculation & NBA Compliance
- CQI (Continuous Quality Improvement) in OBE
- Case Studies from Institutions with NBA Accreditation
- Design Your OBE Course Plan

About the Speakers:

The program will be conducted by faculty members of NIT Delhi. Academicians in the concerned field from NITs, NITTTR Chandigarh, Central Universities, and Technical Universities are invited to deliver lectures in the program.

Eligibility:

Faculty members from various Universities/Institutions, Industry personnel, and PhD scholars are eligible to participate.

Registration Fee:

Participants	In INR
UG/PG Students/Research Scholars	650
Academicians	1250
Industry Professionals	2450

Registration Deadline: Till July 14, 2025

How to Register:

To register for the program, interested participants should use the provided Google Form link or scan the QR code.

Click here to register

E-certificates will be provided to all participants upon completion of the program.

Convener:

Dr. Krishna Kumari, Assistant Professor, Dept of Applied Sciences, Humanities and Management.

Co-Conveners:

Dr. Subin Scaria, Assistant Professor, Dept of Applied Sciences, Humanities and Management

Dr. Mahadeva Swamy N. N., Assistant Professor, Dept of Applied Sciences, Humanities and Management.

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