



**NITTTR  
BHOPAL**

**GUJ-16/2026-2027**

# Integration of OBE, NCrF and NHEQF for Higher Education

**15-06-2026 to 19-06-2026**

**Gujarat Technical University**

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## Rationale

NEP 2020 mandates a fundamental transformation of higher education through outcome-oriented, competency-based curriculum frameworks. The National Credit Framework (NCrF) establishes a unified credit architecture across academic and vocational streams, requiring faculty to redesign courses accordingly. NHEQF provides qualifications-based level descriptors that must be embedded in programme design, yet remain largely unfamiliar to practicing faculty. Outcome-Based Education (OBE) is now a regulatory expectation by UGC, AICTE, NBA, and NAAC, yet its consistent implementation across HEIs remains uneven. Effective integration of OBE, NCrF, and NHEQF requires structured capacity building of faculty to enable coherent, credit-referenced, outcome-aligned curriculum. This FDP equips teachers with conceptual clarity, practical tools, and hands-on experience to implement an integrated framework in their respective institutions.

## Programme Outcomes

- Explain the interrelationship among OBE, NCrF, and NHEQF within the NEP 2020 ecosystem.
- Design programme outcomes and course outcomes aligned to NHEQF level descriptors.
- Construct CO-PO matrices and compute attainment using direct and indirect methods.
- Develop OBE-compliant course files, rubrics, and assessment blueprints.
- Analyse institutional readiness for OBE adoption and prepare an improvement roadmap.
- Formulate an action plan to integrate OBE, NCrF, and NHEQF into home institutions.

## Programme Content

- NEP 2020 — Vision & Implications — Policy evolution, five pillars, FYUGP, HECI, faculty roles
- Foundations of OBE — Spady model, Bloom's Taxonomy (all 3 domains), writing POs & COs
- CO-PO Mapping & Attainment — Correlation matrix, direct/indirect attainment, PDCA cycle (Task 1)
- National Credit Framework (NCrF) — 8 levels, credit = 30 NLH, L-T-P formula, multi-entry-exit, ABC
- NHEQF & Integrated Framework Design — KSA descriptors, qualification types, 5-step design workflow (Task 2)
- Field Visit — Institutions & Industry — NAAC/NBA institution observation + industry competency mapping (Task 3)

## Target Group

BOS Members and Associate Deans of GTU

## Coordinator & Co-Faculty

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