



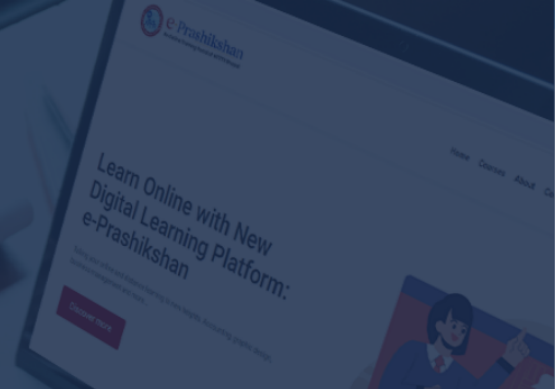
**NITTTR  
BHOPAL**

# PDP-11/2024-2025 TQM and Six Sigma 02-12-2024 to 06-12-2024 NITTTR Bhopal



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## Rationale

The NEP 2020 focuses on reform, revamping, innovation, change and re-engineering of higher education. There are many major changes envisaged in the NEP viz multidisciplinary education, multiple entry and exit, use of ICT, integration of research, autonomy of institutions, incubation and entrepreneurship, credit-based education and the like. The NEP stated the vision for higher education i. e. quality universities and colleges. The institutions are implementing the philosophy of total quality management and change to achieve the quality vision. This programme is designed to equip the faculty members with TQM and change management tools and techniques.

## Programme Outcomes

1. Describe the provisions of NEP 2020  
2. State the concept of Quality & TQM in Education  
3. Describe the Elements of TQM  
4. Explain the process of visioning and preparing an institute development plan  
5. Apply tools and Techniques of TQM.  
6. Describe the concept & Models of Quality Circles.  
7. Describe the Academic Audit System.   
8. State the concept, need and importance of Six Sigma   
9. Design approaches to achieve improve and innovate quality in technical institutions.

## Programme Content

Concept, need and importance of Quality and TQM, Models of TQM, Models of Quality Circles and Student clubs, process of visioning, NBA accreditation, Need, Importance, indices and criteria of accreditation, Tools and Techniques of TQM, Academic Audit - Concept, Need and approaches, Models of six sigma.

## Target Group

Faculty of all disciplines

## Coordinator & Co-Faculty

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