



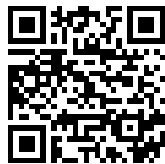
**NITTTR
BHOPAL**

MH-1/2024-2025

Use of ICT to Build Capacity of Technical Teachers

24-06-2024 to 28-06-2024

EC Pune



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Rationale

ICT can facilitate the access, creation, and dissemination of knowledge, as well as the development of professional skills and competencies of technical teachers. Therefore, the proficiency in Information and Communication Technologies (ICTs) skills is nowadays an inherent characteristic for the all those involved in education which create an opportunity to refine their practices through development of a more reflective approach to educational activities. The Capacity building of technical teachers in the use of ICT for education aims at improving literacy and teacher trainings with regard to ICT services.

In order to ensure the best use of ICT tools, teachers must understand the relevance, usefulness and usability of ICT tools so that the faculty members can enhance their own development and also enrich the learning experience of their students. However, many technical teachers lack the necessary ICT skills and expertise to effectively integrate ICT into their pedagogy and curriculum. By harnessing the power of ICT, educators can enhance engagement, facilitate personalized

Programme Outcomes

1. Develop technical teachers' ICT skills and competencies for creating, accessing, and using digital resources and tools for teaching and learning.
2. Demonstrate the basic ICT skills and knowledge for integrating ICT into their teaching and learning processes.
3. Use digital resources and tools to enhance teaching and learning practices and outcomes.
4. Implement ICT-based instructional strategies and activities to engage and motivate their students and improve their learning outcomes.
5. Use ICT for their professional development and networking with other technical teachers, experts and students.
6. Plan the lessons incorporating ICT tools to boost creativity, collaboration, and effective learning

Programme Content

Overview of ICT in Technical Education, Effective Use of Learning Management Systems (LMS), Implementing Interactive Digital Content, Online Assessment Strategies and Tools, Virtual Labs and Simulations in Technical Education, Collaborative Tools for Knowledge Sharing, Emerging Technologies in Technical Education, Case Studies and Best Practices

Target Group

Faculty of all disciplines

Coordinator & Co-Faculty

Dr. Bashirulla Shaik
Asstt. Professor
Department of Applied Science Education
bshaik@nitttrbpl.ac.in

Dr. V.D. Patil
Professor
Department of Civil and Environmental Engineering Education
vdpatil@nitttr.ac.in



e Prashikshan
An Online Training Portal of NITTTR Bhopal
www.eprashikshan.com

National Institute of Technical Teachers' Training and Research (NITTTR)
(Deemed to be university under distinct category), Ministry of Education, Government of India,
Shamla Hills, Shanti Marg, Bhopal-462002 (M.P.)

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