



**FDP on NEP 2020, Outcome-Based Education,
AI in Academia and Faculty Development**

Date: 28th, 29th and 30th January 2026

Duration: 3 Days

Venue: ASM's NextGen Campus, Talegaon

Introduction:

In the rapidly transforming landscape of higher education, continuous professional development of faculty members has become essential. To equip educators with updated knowledge, innovative teaching methodologies, research skills, and digital competencies, ASM's NextGen Technical Campus, Talegaon organized a Three-Day Faculty Development Program (FDP) from 28th to 30th January 2026.

The FDP was thoughtfully designed to address contemporary academic reforms such as the implementation of NEP 2020, the adoption of Outcome-Based Education (OBE), integration of Artificial Intelligence (AI) in teaching and research, and enhancement of faculty professional visibility in the digital era. The program aimed at bridging the gap between policy frameworks and practical classroom implementation.

The program commenced with Saraswati Vandana, symbolizing respect for knowledge and wisdom. The dignitaries were felicitated, and the welcome address was delivered by Ms. Manimala Puri, Director, who emphasized the importance of faculty empowerment in achieving institutional excellence. Dr. Sandip

Pachpande, Chairman, inspired the participants by highlighting the significance of quality education, innovation, and adaptability in today's academic ecosystem.

The FDP witnessed active participation from approximately 35 faculty members from various departments, ensuring interdisciplinary learning and knowledge sharing.

Objective:

- To provide a clear understanding of the vision, structure, and implementation strategy of NEP 2020.
- To enable faculty members to effectively design and implement Outcome-Based Education in their courses.
- To guide participants in CO-PO-PSO mapping and attainment analysis for academic improvement.
- To enhance research orientation and publication quality among faculty members.
- To familiarize participants with authentic databases and journal indexing systems.
- To promote ethical and responsible usage of Artificial Intelligence in academia.
- To introduce practical AI tools for literature review, plagiarism reduction, paraphrasing, and research productivity.
- To develop digital branding and networking skills among faculty members.
- To strengthen academic documentation and compliance processes for accreditation and audits.

Speaker:

- 1) Dr. M. B. Mali
- 2) Dr. R. B. Ghongade
- 3) Dr. Smita Khairnar

Report:

Day 1 – 28th January 2026

The first day laid a strong foundation by focusing on policy understanding and academic framework alignment.

Session 1: Understanding NEP 2020 – Vision to Implementation

Dr. M. B. Mali delivered a comprehensive session explaining the paradigm shift from traditional teacher-centric education to a student-centric, multidisciplinary, and flexible education system as envisioned in NEP 2020. He elaborated on academic flexibility, credit systems, skill integration, and holistic development.

A key highlight of the session was the practical linkage of NEP 2020 with existing academic documents such as syllabus design, curriculum framework, and course files. Faculty members were guided on how to critically analyze a syllabus, identify gaps with respect to industry needs, and revise course delivery accordingly.

Dr. Mali also explained the importance of Continuous Comprehensive Evaluation (CCE), attainment measurement, and corrective action planning. Real examples demonstrated how attainment data helps identify weak learners and improve teaching strategies. The session successfully connected theoretical policy concepts with practical classroom implementation.

Session 2: Outcome-Based Education – Practical Implementation

Dr. R. B. Ghongade conducted a highly interactive session focused on the technical and analytical aspects of OBE. He discussed the interrelationship between Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs).

The session provided clarity on:

- CO-PO mapping techniques
- Setting target attainment levels
- Direct and indirect assessment tools
- Attainment calculation methods
- Interpretation of attainment results

He addressed common misconceptions in OBE implementation and highlighted frequent errors made during calculations. Practical examples and case studies helped participants understand how OBE contributes to continuous improvement at both course and program levels.

The first day concluded with enhanced clarity on academic planning and outcome alignment.

Day 2 – 29th January 2026

The second day focused on research development and technological integration.

Session 3: Research Methodology and Ethical Publishing

Dr. Smita Khairnar delivered an in-depth session on research fundamentals. She explained the importance of selecting relevant research problems, identifying keywords, and defining inclusion and exclusion criteria.

Participants were introduced to different types of research papers, including:

- Review papers
- Experimental research papers
- Conceptual papers
- Systematic reviews
- Meta-analysis
- Bibliometric studies

She demonstrated how to evaluate journal quality using SCImago Journal Rank (SJR) and how to use databases like Google Scholar, Scopus, and Web of Science effectively. Special emphasis was placed on avoiding predatory journals and adhering to ethical publication practices.

The session enhanced participants' confidence in preparing quality research papers suitable for indexed journals

Session 4: AI Tools for Research and Academic Productivity

In the post-lunch session, Dr. Khairnar conducted hands-on demonstrations of AI-based tools. Participants learned how ChatGPT can assist in literature review drafting, idea generation, and content structuring.

Demonstrations of tools like QuillBot and Grammarly helped faculty understand plagiarism reduction and paraphrasing techniques. A detailed hands-on activity using SciSpace enabled participants to extract research gaps, summaries, abstracts, and findings from selected research papers.

Ethical concerns regarding AI usage were discussed thoroughly, ensuring responsible and balanced adoption of technology.

The second day significantly improved research skills and digital efficiency among faculty members.

Day 3 – 30th January 2026

Session 5: Personal Branding in the Digital Age

Dr. Ketan Desale conducted an engaging hands-on session emphasizing the importance of digital presence for faculty members. He demonstrated how to create professional academic webpages and optimize LinkedIn profiles for better visibility.

The session covered:

- Building a professional academic identity
- Showcasing research and achievements online
- Networking with industry and academic professionals
- Avoiding common profile mistakes

Faculty members actively participated by creating and refining their online profiles during the session.

Session 6: Academic Documentation and Compliance

Dr. Upasane conducted the concluding session focusing on documentation standards, reporting formats, and best practices essential for accreditation processes such as NAAC and NBA.

He discussed:

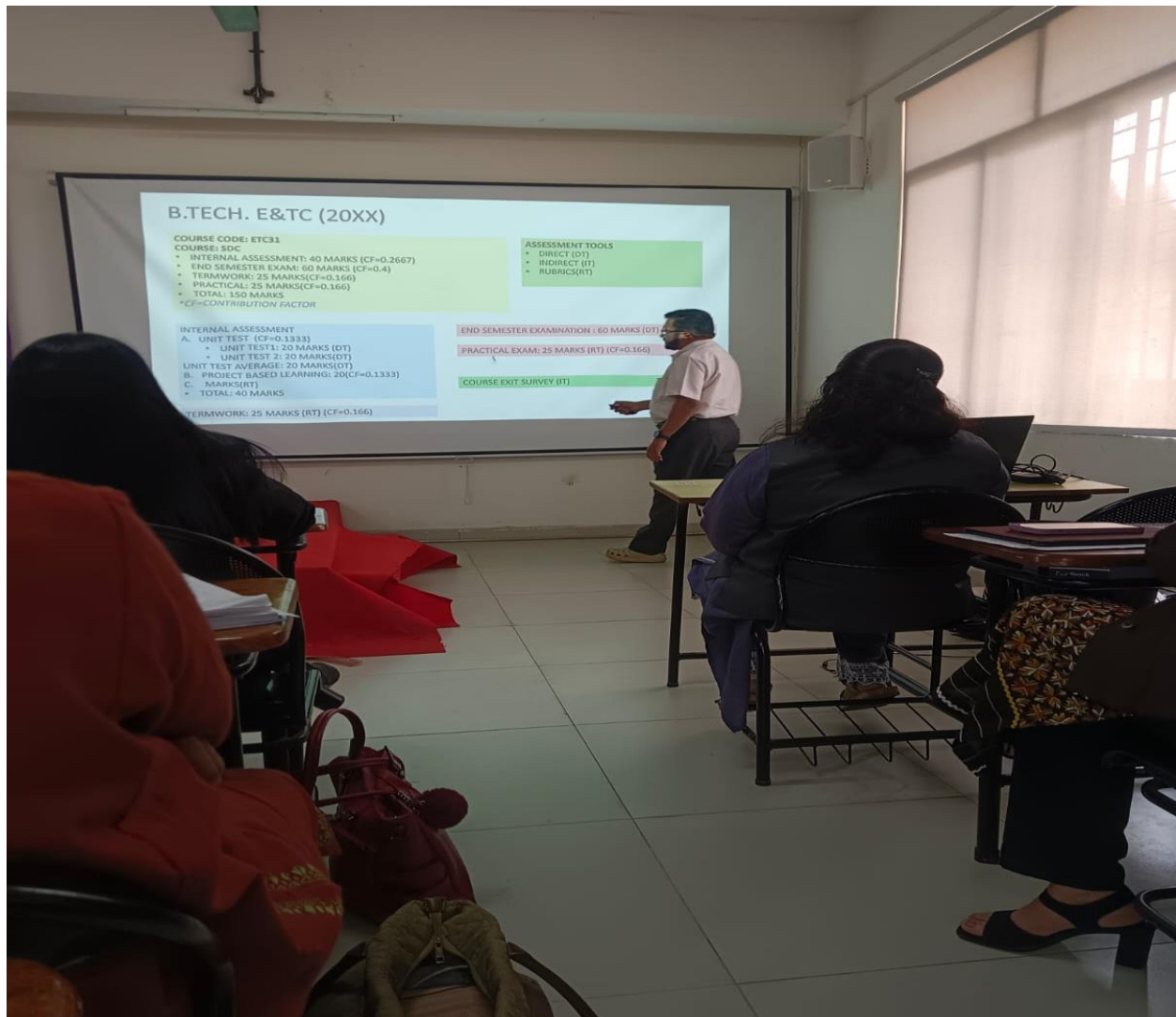
- Maintaining course files
- Record keeping practices
- Audit readiness

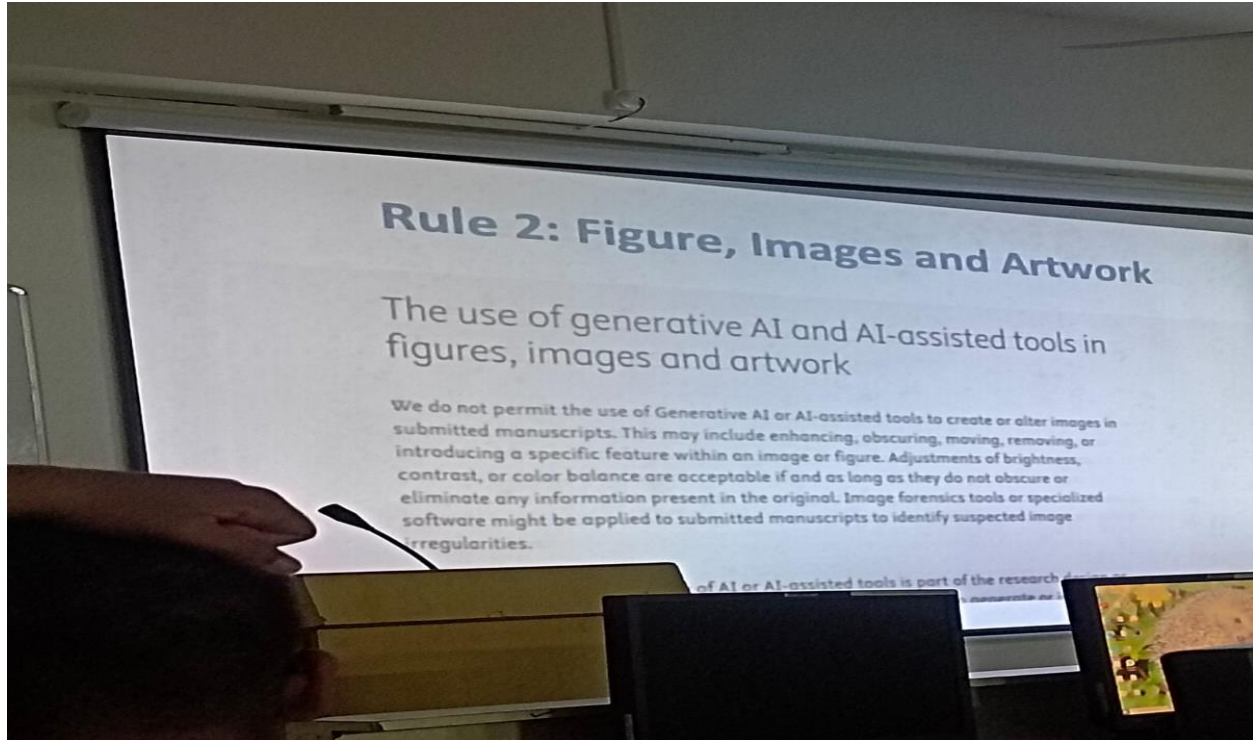
- Compliance with regulatory requirements
- Avoiding documentation errors

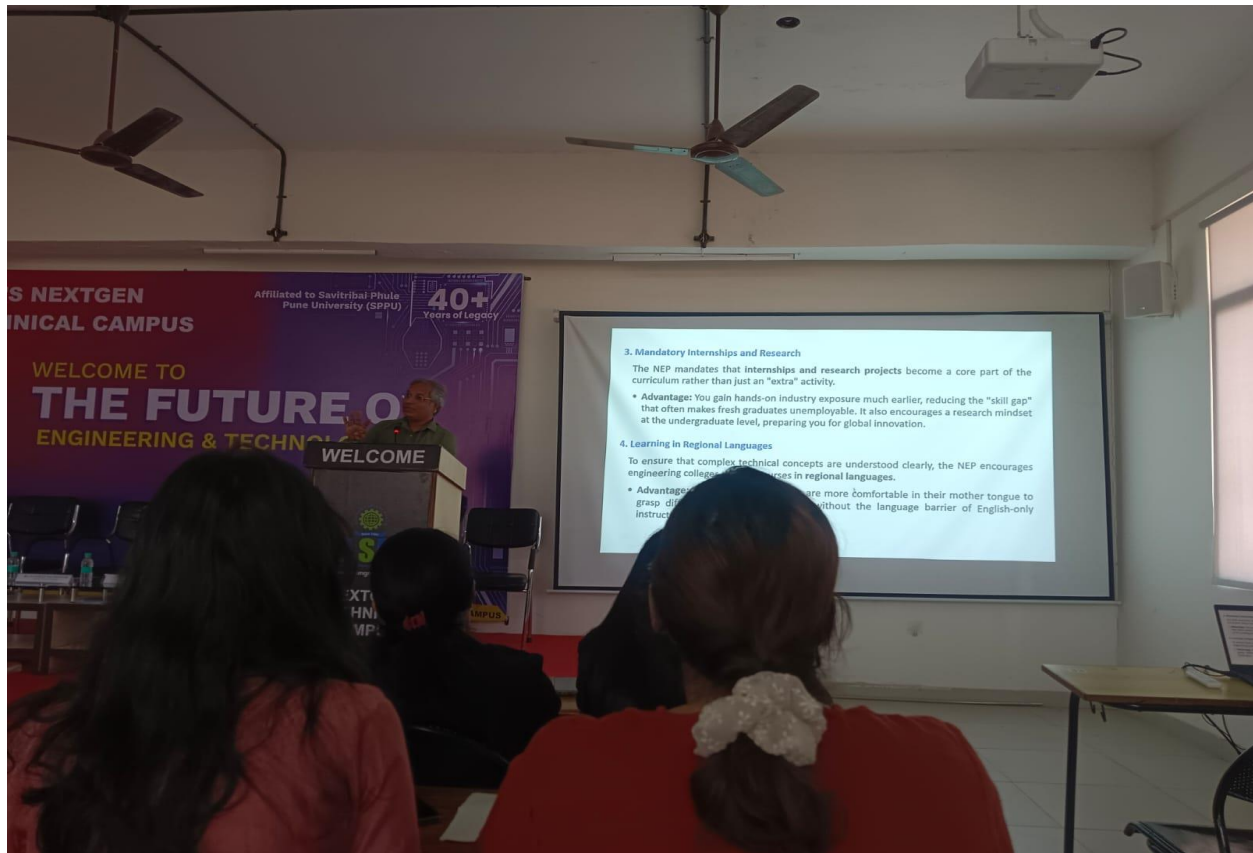
This session strengthened participants' understanding of quality assurance mechanisms in higher education institutions.

The program concluded with a Vote of Thanks, acknowledging the valuable contribution of resource persons and active participation of faculty members.

Photos:







Outcomes:

The Three-Day Faculty Development Program proved to be highly impactful and transformative. The major outcomes included:

- Improved clarity regarding NEP 2020 implementation strategies.
- Stronger understanding of Outcome-Based Education and attainment processes.
- Enhanced research planning and publication capabilities.
- Practical exposure to AI tools for academic enhancement.
- Increased awareness of ethical research and AI practices.
- Improved digital branding and professional networking skills.
- Strengthened documentation practices aligned with accreditation standards.
- Greater motivation among faculty members for continuous learning and professional growth.

Overall, the FDP successfully contributed to faculty capacity building, academic quality enhancement, and institutional excellence.