



Minutes of the First Board of Studies (BoS) Meeting

The Chairperson, Dr. Karishma Raut, extended a warm welcome to all the members and presented the agenda of the meeting for discussion and approval.

Agenda

1. Review and approval of the First-Year Curriculum.
2. Adaptation of University syllabi for Semesters III to VIII.
3. Suggestions for improvement of standards of teaching and research.
4. Implementation of the examination and evaluation system as per autonomy guidelines.
5. Any other matter with the permission of the Chair.

Agenda 1: Review and Approval of the First-Year Curriculum

The Chairperson briefed the members on the proposed First-Year curriculum, highlighting its alignment with the principles of NEP 2020, Outcome-Based Education (OBE), multidisciplinary learning, experiential learning, and multiple entry-exit provisions.

The Board deliberated on the curriculum and made the following recommendation:

- **Dr. Shashikant Patil** suggested ensuring adequate provision and distribution of Skill Enhancement Courses (SEC), Ability Enhancement Courses (AEC), and skill development credits across semesters to support multiple entry-exit pathways.

Resolution: The First-Year curriculum was approved in principle, subject to incorporation of the above recommendation and verification of the credit structure as per applicable regulatory guidelines.

Agenda 2: Adaptation of University Syllabi for Semesters III to VIII

The Board discussed the adaptation of higher-semester syllabi in accordance with autonomous regulations, NEP 2020, and OBE principles.

The members made the following recommendations:

- **Dr. Sujata Kulkarni** recommended aligning the second-year curriculum for next year with the revised First-Year curriculum.



- **Dr. Shashikant Patil and Dr. Sujata Kulkarni** recommended strengthening experiential learning through project-based learning, problem-based learning, hackathons, poster presentations, project competitions, and public speaking opportunities across semesters.
- **Dr. Madhura Tilak** recommended integrating community engagement into mini and major projects by encouraging students to identify and address real-life problem statements. She also suggested revising the existing 80:20 evaluation pattern to a 60:40 model to strengthen continuous assessment and improve student learning outcomes.
- **Dr. Shashikant Patil** recommended reviewing the proposed credit structure to ensure compliance with AICTE and NEP guidelines, with a minimum of 40 credits per academic year and 160 credits for the B.E./B.Tech. programme.
- **Dr. Sanjay Patil** suggested providing flexible internship opportunities during Semester VIII, including extended internships for interested and deserving students.

Resolution: The Board approved the adaptation of higher-semester syllabi with suitable modifications to incorporate experiential learning, innovation activities, and internship opportunities.

Agenda 3: Suggestions for Improvement of Standards of Teaching and Research

The Board discussed measures to enhance the quality of teaching, learning, research, and innovation.

The members made the following recommendations:

- **Dr. Shashikant Patil and Dr. Sanjay Patil** emphasized strengthening project-based and problem-based learning approaches, supported by effective implementation through appropriate use of Bloom's Taxonomy.
- **Dr. Sanjay Patil** recommended identifying high-quality student projects with intellectual property potential and creating awareness regarding copyright registration and protection mechanisms. Faculty mentors should guide students throughout the process.
- **Dr. Sunny Sal** recommended adopting diverse pedagogical approaches to enhance the effectiveness of teaching and learning.

Resolution: The Board recommended the adoption of innovative pedagogical practices and the establishment of mechanisms to promote research, innovation, and intellectual property awareness.

Agenda 4: Implementation of the Examination and Evaluation System as per Autonomy Guidelines

The proposed examination and evaluation framework was discussed in detail.



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The members made the following recommendations:

- **Dr. Sunny Sal and Dr. Sujata Kulkarni** recommended adopting diverse and student-centric assessment methods to reduce examination burden while enhancing learning outcomes. They suggested incorporating open-book examinations, online assessments, project-based evaluations, project demonstrations, hackathons, poster presentations, and project competitions into the evaluation framework.
- **Dr. Madhura Tilak** recommended introducing a mixed-bag question in the question paper, either as a compulsory or optional component, to assess higher-order thinking skills.

Resolution: The examination and evaluation framework was approved in principle, subject to incorporation of the above recommendations in accordance with NEP 2020 and autonomous regulations.

Agenda 5: Any Other Matter with the Permission of the Chair

The Board emphasized the importance of creating awareness among students regarding multiple entry-exit provisions, credit requirements, skill enhancement courses, internships, and experiential learning opportunities.

The Board also recommended making provisions for the incorporation of additional credits for completion of approved MOOC/NPTEL courses, in accordance with applicable UGC, AICTE, and institutional guidelines.

The members appreciated the efforts of the institution and the department towards implementing autonomy and assured their continued support and guidance.

The meeting concluded with a vote of thanks.



Key Recommendations of the Board of Studies

1. Align the curriculum structure, credit requirements, and multiple entry-exit provisions with NEP 2020, AICTE, and UGC guidelines.
2. Ensure adequate distribution of Skill Enhancement Courses (SEC), Ability Enhancement Courses (AEC), and skill development credits across all semesters.
3. Revise the second-year curriculum to align with the approved first-year curriculum.
4. Integrate community engagement and real-life problem-solving components into mini and major projects.
5. Strengthen experiential learning through project-based learning, problem-based learning, hackathons, poster presentations, project competitions, and public speaking opportunities.
6. Revise the existing 80:20 evaluation pattern to a 60:40 model to enhance continuous assessment.
7. Provide flexible internship opportunities, including extended internships during the final year.
8. Promote innovative pedagogical approaches aligned with Bloom's Taxonomy and Outcome-Based Education principles.
9. Encourage identification and protection of intellectual property arising from student projects and create awareness regarding copyright mechanisms.
10. Adopt diverse and student-centric assessment methods, including open-book examinations, online assessments, project demonstrations, and project-based evaluations.
11. Introduce mixed-bag questions in examinations to assess higher-order thinking skills.
12. Create awareness among students regarding multiple entry-exit provisions, credit requirements, internships, and experiential learning opportunities.
13. Make provisions for awarding additional credits for approved MOOCs and NPTEL courses in accordance with applicable regulatory guidelines.