

Amrutvahini College of Engineering, Sangamner

Policy for Bridge Courses

Effective from: Academic Year 2026–27 onwards

1. Preamble

A Bridge Course is an additional academic requirement designed to address gaps in the knowledge, skills, or competencies required for successful progression under the applicable curriculum. The Institute may offer Bridge Courses or Bridge Modules, wherever necessary, to help students acquire the required prerequisite knowledge and learning outcomes for their academic progression.

2. Objectives

- To identify and help students overcome gaps in the required knowledge and skills.
- To help students move smoothly from one curriculum or academic pathway to another.
- To ensure that students have the basic knowledge needed to continue their studies successfully.
- To provide a clear process for recommending, conducting, and assessing Bridge Courses.
- To maintain academic quality while giving suitable flexibility to students.

3. Definition

A Bridge Course may be a complete course, a specified module, a prerequisite course, an additional laboratory/practical component or another structured learning requirement prescribed to bridge identified academic gaps.

4. Circumstances in which a Bridge Course may be Prescribed

Course equivalence may be required in the following main cases:

1. Detention:

When a student is detained in a semester/year under an earlier curriculum and subsequently continues under the applicable AVCOE autonomous curriculum.

2. Break of Study:

When a student takes an approved break during the programme and rejoins under a revised or autonomous curriculum.

3. Readmission:

When a student is readmitted after discontinuation and has already completed some courses under an earlier curriculum.

4. Change in Curriculum:

When the curriculum is revised and a student is required to move from the earlier curriculum to the new curriculum.


Autonomy Coordinator
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608


Chairman
Academic Council
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608



5. Academic Gap:

When a course completed under the earlier curriculum is not fully equivalent to the corresponding course in the applicable curriculum, requiring a Bridge Course or other academic requirement

4.1 Students Requiring Course Equivalence (First year)

Course equivalence and, wherever required, a Bridge Course may be considered in the following cases:

- FE (2019 Pattern – SPPU) students who are detained in Semester II and subsequently rejoin under the FY B.Tech (2025 Pattern – AVCOE Autonomous) curriculum.
- FE (2019 Pattern – SPPU) students who take an approved break of study during Semester II and subsequently rejoin under the FY B.Tech (2025 Pattern – AVCOE Autonomous) curriculum.
- FE (2024 Pattern – SPPU) students who are detained in Semester II and subsequently rejoin under the FY B.Tech (2025 Pattern – AVCOE Autonomous) curriculum.
- FE (2024 Pattern – SPPU) students who take an approved break of study during Semester II and subsequently rejoin under the FY B.Tech (2025 Pattern – AVCOE Autonomous) curriculum.
- Students changing their branch at the beginning of Semester III. For such students, equivalence of the relevant First Year branch-specific courses, particularly Programme Core Courses (PCC) and Digital Technology Lab (DTL), shall be examined.

4.2. Students Requiring Course Equivalence (Second year)

- SE (2019 Pattern – SPPU) students who are detained in Semester IV (Semester II of Second Year) and subsequently rejoin under the applicable AVCOE autonomous curriculum.
- SE (2019 Pattern – SPPU) students who take an approved break of study during Semester IV (Semester II of Second Year) and subsequently rejoin under the applicable AVCOE autonomous curriculum.
- SE (2024 Pattern – SPPU) students who are detained in Semester IV (Semester II of Second Year) and subsequently rejoin under the applicable AVCOE autonomous curriculum.
- SE (2024 Pattern – SPPU) students who take an approved break of study during Semester IV (Semester II of Second Year) and subsequently rejoin under the applicable AVCOE autonomous curriculum.
- Students changing their branch at the beginning of Semester III (Second Year). For such students, equivalence of the relevant First Year courses, particularly Programme Core Courses (PCC) and Digital Technology Lab (DTL), shall be examined.

Autonomy Coordinator
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608

Chairman
Academic Council
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608



5. Identification of Bridge Course Requirement

The requirement for a bridge course shall be based on a documented academic gap analysis. The following shall normally be considered:

- Course Outcomes (COs) not achieved through the previously completed course. Syllabus topics or competencies not adequately covered.
- Missing prerequisite knowledge.
- Laboratory, practical or skill gaps.
- Requirements arising from curriculum revision or academic pathway change.
- Additional learning required to meet programme or course requirements.

6. Procedure for Recommendation

- The concerned Department shall identify the academic gap.
- A gap analysis and mapping of required learning outcomes shall be prepared.
- The Departmental Committee/Course Coordinator shall recommend the nature and extent of the bridge requirement.
- The recommendation shall specify the course/module, learning outcomes, mode of delivery, credits or non-credit status, assessment and completion timeline.
- The recommendation shall be placed before the concerned Board of Studies or appropriate academic authority, wherever required.
- The approved bridge requirement shall be communicated to the student and relevant academic sections.

7. Registration and Offering

A student shall register for the prescribed bridge requirement as notified by the Institute. The bridge course may be offered through regular classes, additional classes, intensive modules, laboratory sessions, approved blended/online mode or other approved academic mechanisms. The Department shall endeavour to schedule the bridge requirement in a manner that minimizes disruption to the student's normal academic progression. The Department shall nominate an appropriate faculty member or Course Coordinator for the bridge requirement.

8. Assessment and Completion

The assessment and completion process shall be appropriate to the nature of the Bridge Course. Bridge Courses shall be non-credit courses and shall not carry any academic credits. Students shall be required to attend and complete all the prescribed learning activities, which may include assignments, practicals, laboratory work, activities, or other requirements specified for the course.


Autonomy Coordinator
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608


Chairman
Academic Council
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608



Successful completion shall be based on fulfilling the prescribed attendance and course requirements.

9. Timeline for Completion

The Bridge Course shall normally be completed within the stipulated duration of the semester or within the time period specified by the Institute. The Department shall plan and communicate the schedule of the Bridge Course to the students in advance. Students shall complete the prescribed 30 hours of learning and all required activities within the specified timeline.

10. Responsibilities

10.1 Department

- Identify academic gaps.
- Prepare bridge-course recommendations.
- Arrange academic delivery and support.
- Maintain records of completion.

10.2 Board of Studies

- Examine the academic justification.
- Recommend the nature and requirements of bridge courses.
- Review learning outcomes and assessment requirements.

10.3 Board of Examination and Evaluation

- Facilitate registration and record maintenance.
- Implement approved assessment requirements.
- Record successful completion in accordance with institutional regulations.

11. Recommendation and Approval

The recommendation shall clearly state the academic justification for the bridge requirement and the consequences, if any, of non-completion. The recommendation shall be signed by the concerned academic authorities as per the institutional approval process.

12. Interpretation and Amendment

Any matter relating to the interpretation of this Policy shall be referred to the competent academic authority. The Institute may amend this Policy from time to time in accordance with applicable regulations and decisions of the competent academic bodies.


Autonomy Coordinator
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608


Chairman
Academic Council
Amrutvahini College of Engineering, Amrutnagar
Sangamner-422608