

BAPATLA ENGINEERING COLLEGE :: BAPATLA
PROJECT ALLOCATION, GUIDANCE AND EVALUATION

A. Projects Batch selection and Guide allocation

1. As per the existing curriculum, under Project-I which is in the VII semester, students are supposed to prepare a report as a prerequisite to the Project-II in the VIII Semester. Hence, the project allocation, guide allocation is done at the VII semester itself.
2. A senior faculty member is nominated as department level project coordinator to coordinate the project allocation, guide allocation and evaluation.
3. List of faculty members and their specializations, research areas will be communicated to the students. The information is disseminated via email, notice boards and display on the website. List of projects and their titles/themes should be identified and same may be communicated to all the students. Project batches are formed based on the project title/theme and performance of the students in the VI Semester (Upto 3rd year I Sem).
4. Students are given an option of selecting the project titles.
5. It is to be ensured that no project batch should have more than 4 students.
6. Not more than two batches should be allocated to each project guide.
7. Final decision is taken by conducting a department staff meeting.

B .Project classification and mapping with program outcomes and program specific outcomes.

Projects may be broadly classified into the following categories.

1. Application oriented: When the project is related to hardware, then all the components are procured and assembled to get the desired outcome.
2. Research oriented: In this category extensive review of literature is done. This aims to learn new methods or procedures and validate results.
3. Simulation projects: Which are mostly software based projects, where Students will identify the problem or application. Then they go for coding or simulation procedure to execute and then to obtain result.
 - A team comprising Project coordinator along with two staff members should ensure that the projects are selected in such a way that the program outcomes and program specific outcomes are mapped with the themes of the project works.
 - A document consisting of project titles, area of specialization, project guides should be prepared and submitted to the concerned HOD and should be put on the website. The theme of the work may be changed with the consent of the project guide.

C. Continuous monitoring mechanism and evaluation

1. Project slots should be allocated as per the existing scheme and curriculum.
2. A laboratory or a class room should be identified for executing the project works. It is preferred to have a separate laboratory for the purpose of conducting the project works.
3. Each project batch is allowed to consult their respective guide to discuss about their Progress during the project slot.
4. End of every month there will be a overall assessment of each project by the project coordinator and team in association with project guides.
5. The performance of the students should be evaluated on a periodical basis (once in a month) and should be documented.
6. A department staff meeting should be conducted to discuss the performance of the students in the projects and should be documented.

D. Methodology to assess individual as well as collective

Contribution/understanding of the project:

1. The project guide should monitor the presence (attendance) of the each student in the project work
2. Each student should give a power point presentation about their role in the project work after every 8 weeks.
3. The project guide should ensure that the batch allocated to him is able to understand the objectives of the project. He should also identify the requirements (hardware and software) of the project. If a particular software or hardware is not available, same may be communicated to the HOD and may be procured based on the financial and budgetary requirements.
4. Evaluation of the project is based on
 - Understanding the objectives of the project.
 - Day to day work done by the students (Should be documented)
 - Partial/Full completion of the project
 - The students presentation and demonstration
 - Results and documentation
5. Evaluation is intimated to the students for further improvement
6. At the end of the academic year, students will present and demonstrate their work again to internal evaluation team constituted by HOD

E. Project Demonstration

1. At the end of VIII semester, final viva is conducted as per the college rules.

2. Students should demonstrate their project in front of a panel consisting of
 - i. Project guide
 - ii. Department project coordinator
 - iii. External examiner
3. Working, test results and presentation of project is evaluated by the Panel.
4. Working models may be exhibited and communicated to the local Newspapers and nearby schools and colleges for better dissemination of the knowledge to the public.

F. Papers published or Awards won

1. It is encouraged for every project batch to publish/communicate a paper in any national/ international conference/journal. The project guide may encourage the students so that the work of their batch is published as a research paper.
2. Students must be given some awareness/training program for effective writing of a research paper. The research papers should be checked with anti-plagiarism software before the submission to the concerned journal or conference.
3. A report should be prepared by the concerned coordinator comprising all the research papers published and should be made available in the library and soft copies must be put on the website for availability to the students.

Template for Evaluation of the Project
Department:

Project Guide:

Project Title:

Date:

RollNo	Name of the student	Literature Survey	Presentation of the literature	Objectives/Progress of the project	Day to day attendance	Contribution

Signature of the guide