

Notice: Project-Based Learning (PBL) Implementation – 3rd & 5th Semester

The Department of Computer Science & Engineering is implementing Project-Based Learning (PBL) for students of 3rd and 5th semesters. This initiative aims to enhance practical understanding and application of core subjects through real-world projects.

Subjects with PBL Implementation

3rd Semester

- 1) Data Structures with C
- 2) Object Oriented Programming with C++

5th Semester

- 1) Database Management Systems
- 2) Operating Systems

Group Formation Guidelines

- Each group should consist of 3–4 members from different sections.
- For a group, a Team Leader must be selected who will fill out the group-formation form on behalf of the entire group. The form link is:

<http://pbl-form.vercel.app>

Team Leader must login through their Gmail ID (provided in college ERP) and fill the details very carefully for their entire team!

The last date of filling above form is 31 July, 2026. No entries will be entertained post this date!

Note: Remember that each student has to form a group for each subject, and thus above form need to be filled twice.

- Groups can be the same or vary across both the subjects.

Modalities of PBL Implementation & Project Allotment

- Faculty Mentors will be assigned to each group.
- Groups must coordinate with their mentors via official communication channels.
- After ideation and discussion, the mentor must approve the proposed project.
- Upon approval, the group will submit the Project Proposal (Milestone-1).
- Deadlines and submission formats for each milestone will be shared in due course.

Mentorship & Checkpoints

- Weekly 2-hour mentorship sessions will be scheduled.
- Mentors will guide teams and review progress at regular intervals.

Phases of Evaluation

1. Problem Statement Finalization (in consultation with the mentor)
2. 1st Evaluation: Proposal and Design Review
3. 2nd Evaluation: Progress Report, Deployment, and Demonstration
4. Final Evaluation: Final Jury Presentation and Report Submission

Important Notes

- Group formation is mandatory for each subject with PBL.
- All students must participate actively and maintain regular coordination with their mentors.