

4YP: Final Year Projects

Course Arrangement

In the Department of Computer Engineering degree program, in order to obtain a Bachelor of the Science of Engineering degree, an undergraduate project has to be successfully completed. Therefore, all students must follow the course 'Final Year Project I' (code CO-421) during their 7th semester, and 'Final Year Project II' (code CO-425) during semester 8. CO 421 mainly focuses on literature survey, problem formulation and developing a research proposal while CO 425 focuses on project execution, analysis and presentation of findings.

All projects are supervised by the staff members of the Department of Computer Engineering and depending on the requirement, external supervisor(s) from industry and academia can also join the supervision.

The undergraduate project coordinator, appointed by the Head of the Department of Computer Engineering, coordinates all projects.

Potential project ideas are sought from industry and academia in advance to the course commencement. List of potential projects including the project description and supervisors details are announced to the students by the beginning of the 7th semester. Students are allowed to work in groups of maximum 3 members and are requested to discuss and finalize the projects after discussing with potential supervisors. The students must meet their supervisors weekly. The supervisors oversee and assess the students work and individual contributions.

The implications for a student who fails a final year project:

A student who fails CO421 and/or CO425 needs to complete the project and earn a passing grade on a subsequent occasion to become eligible for graduation.

Student Composition

Although there is no restriction on the number of students per project group, considering the amount of work and time period usually 2-3 students are allowed to be in one group. The composition will be decided by the evaluation panel. This helps the students to take up a reasonably large project, which is worth doing. The group work enables the students to improve their interpersonal skills as well.

Course Evaluation

Supervisors have weekly meetings with their project groups and the students are supposed to maintain a progress logbook. The students present their work to a panel selected from the lecturers within the department at various stages in a particular semester. In summary, students are evaluated based on

their performance in proposal presentation, weekly progress, mid progress, final presentation, final thesis, viva, demonstration, and research paper.

Latest Undergraduate Projects

All the undergraduate projects are available at the department website (projects.ce.pdn.ac.lk).