

Course Title: Engineering Project

Course Code: PCEG 404

Credit Hours: 2

Course Description:

1. To apply the knowledge gained from various courses in carrying out electrical and electronic system design and its implementation.
2. To develop and analyse a system that supports the sustainable development goals of the nation.
3. To develop skills in goal setting, planning, investigation and research, teamwork, implementation, assessment, report writing and presentation.
4. To develop practical skills required for real engineering practice, from conceptualisation to effective realization.

Course Contents:

For the fourth year project, students either work individually or work in very small group. Students shall identify a suitable project topic to work on by consulting with probable supervisors. In this semester students shall concentrate on setting goals and conducting research on their chosen project topic. The library and laboratories are available as resources. Students shall maintain an up-to-date Logbook, which is reviewed regularly by his/her supervisor. Short papers must be submitted at regular intervals as required. At the end of the semester, the student/group makes a presentation of progress to date and plan for next semester. Each student shall also submit a report on his/her personal contribution and involvement in the project, if it is a group work.

Evaluation:

In-Semester Evaluation: 80%

End-Semester Evaluation: 20%