

ID3801: Open Ended Lab/Project
IIT Palakkad
2019-20, II Semester

An evaluation committee of faculty from various disciplines will be responsible for grading. The committee will be inter-disciplinary in nature.

Evaluation

Students will make two presentations before the evaluation committee/sub-committee. The suggested guidelines for the presentations are:

Midterm Evaluation: 30

Final Evaluation: 50

Final Report: 20

At each stage of evaluation, contribution of project mentor's is 50%, including the final report.

Expression of Interest by faculty members	Monday 24 Jan 2020
Last date of submission proposals by students	Friday 29 Jan 2020
Comments of the proposals by the evaluation committee:	Wednesday 3 Feb 2020
Submission of revised proposal	Monday 8 Feb, 2020
Final Acceptance of proposals	Friday 12 Feb, 2020

Indian Institute of Technology Palakkad

ID3801 Open Ended Lab/Project (OELP)

1. Background

OELP intends to promote exploratory research and development (product/technology) under the supervision of one or more faculty members. The term 'open ended' emphasizes that the course does not have a pre-defined syllabus, but the mentor together with the students can define the deliverables and outcomes at the beginning of the course. Such projects will lead to development of soft as well as technical skills. Innovation/tinkering lab facilities can be used to work on such projects. It is desirable that such projects have relevance to industry or societal problems.

2. Guidelines

1. Students in their 6th semester can take the course as GCE. The OELP is not compulsory. It will count towards GPA and CGPA calculation.
2. Before registering for the course, interested students must submit a project proposal developed in consultation with a faculty mentor. Please see Section 3 for more details.
3. Students can choose mentor(s) from any stream.
4. The projects can involve either exploratory research or development (product/technology) under the supervision of one or more faculty members of the Institute. **Projects focusing on development activities are highly encouraged.**
5. Students can work in groups of no more than two, with roles and responsibilities of each student stated clearly.

3. Submission and acceptance of proposals

Students, after developing a proposal in consultation with faculty members, must submit a proposal. The format for submitting the proposal is available in the Annexure. The evaluation will review the proposals and give their comments. The students will be given a chance to respond to their comments and revise their proposal. If the revised proposals are found satisfactory, students will be allowed to register for the OELP course. Note that poorly written proposals will be rejected. No further chances will be given.

4. Evaluation process for the accepted proposals

An overall coordinator and a common project evaluation committee will evaluate all the projects at all stages and it may invite experts for specific projects, if necessary. The marks of all the stages of evaluation will be sent to the overall coordinator of the OELP.

Students will make two presentations before the evaluation committee.

1. Progress around the middle of the semester (to be completed by the week following Test I).
2. Final presentation at the end of the semester (week before the End Sem begins). Students should also submit a final report (at least a week before the date of presentation). Final grade may be assigned based on performance in the presentation, over all progress made and final report.

Annexure

Proposal for the ID3801 Open Ended Lab/Project

(Maximum Page Limit 2, with 12 point fonts)

Title of the proposal:

Name(s) and roll number(s) of student proposer(s):

Name(s) of the Faculty Mentor(s):

1. Background and Challenge Statement:

2. Deliverables (maximum 5 bullet points, not exceeding 20 words per bullet):

3. Methodology:

4. References:

Name(s) and Signature(s) of Student(s)

Name(s) and Signature(s) of the Mentor(s)