

Engineering Project

Module Information

2022.01, Approved

Summary Information

Module Code	6555SLT
Formal Module Title	Engineering Project
Owning School	Engineering
Career	Undergraduate
Credits	30
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
SLIIT Academy (Pvt) Ltd

Learning Methods

Learning Method Type	Hours
Seminar	4
Tutorial	11

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	28 Weeks

Aims and Outcomes

Aims	The project aims to provide a supervised but student led learning activity in a relevant area of engineering or technology. It aims to develop the academic, technical and organisational skills required to undertake a substantial individual engineering project from specification to conclusion.
------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Conceptualise and plan a supervised but self-led project
MLO2	2	Carry out a self-managed programme of work according to good project management practices
MLO3	3	Research and analyse the established body of knowledge relevant to the project
MLO4	4	Demonstrate deep technical understanding of their project
MLO5	5	Communicate technical information clearly and concisely in written and oral forms
MLO6	6	Critically evaluate all aspects of a project and formulate justified conclusions

Module Content

Outline Syllabus	Projects may involve experiment, analysis, design and/or computation and should allow a student to demonstrate achievement of the module learning outcomes.
Module Overview	
Additional Information	The project provides the opportunity to conduct a major supervised learning activity on a relevant engineering or technical topic. The project requires the student to demonstrate good project management, critical evaluation and presentation skills. In the context of the BEng Electrical and Electronic Engineering, a Project with a detailed design and analysis of an electrical/electronic circuit or function is appropriate. For example, embedded electronics may be used to control a power circuits such as a controlled rectifier for a specific task.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Interim Report	20	0	MLO1, MLO2, MLO3, MLO5
Dissertation	Final Report	50	0	MLO2, MLO3, MLO4, MLO5, MLO6
Presentation	Presentation, Viva and Poster	30	0	MLO4, MLO5, MLO6

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Karl Jones	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------