

Subject Description Form

Subject Code	ABCT4000
Subject Title	Project
Credit Value	3
Level	4
Pre-requisite	Stage 1, 2 & 3 DSR core subjects
Objectives	The project is related to work covered by the Course. The primary objective of the subject is to promote students' abilities and efforts to apply and incorporate their knowledge and skills acquired in the programme to investigate a matter of interest in relation to the selected project theme. Another aim is to promote independent and creative thought, and to train students to develop the academic and literature search/review skills to define, investigate, analyse and solve a scientific/technical problem.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a) conduct literature searches and critically assess the material b) identify a problem/matter associated with the project theme and explain why it requires a solution/investigation (i.e. the aims and objectives); c) formulate hypothesis, design and/or conduct studies as well as to analyze and interpret literature data and/or results; d) make significant conclusions with justification; e) recognize success/failure of the work done and suggest improvement; f) manage time and organize efficiently; g) communicate effectively, for report writing and presentation.
Subject Synopsis/ Indicative Syllabus	The project involves a literature search/review or investigation of a fundamental or practical topic in the selected theme. The investigation should include a research element and may include field work or experimental study.
Teaching/Learning Methodology	With guidance from a project supervisor, each student is encouraged to choose and propose his/her own project theme. After conducting preliminary literature searches and critically assessing the material, each student is required to submit a proposal and to carry out an extensive literature search/review on the topic. At the completion of the project, a written report and the delivery of an oral presentation is required. The project is assessed by the achievement of proposed objectives, planning and execution of work, interpretation and presentation of published scientific data.

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)							
			a	b	c	d	e	f	g	
	1. Project preparation and efficient planning, organization, and execution of the project	15	√	√					√	
2. Project outcomes: understanding of the topic, logical thinking and analysis, critical review and comments, interpretation and conclusions	60	√	√	√	√	√				
3. Written report (organization, style, clarity, fluency, effectiveness, grammar and spelling)	15	√	√	√	√	√			√	
4. Oral presentation and response to questions	10	√	√	√	√	√	√	√	√	
Total	100 %									
Student Study Effort Expected	Class contact:									
	▪ Literature review, project execution and investigation								80 Hrs.	
	Other student study effort:									
	▪ Writing proposal and final report								40 Hrs.	
	▪ Preparing presentation								10 Hrs.	
	Total student study effort								130 Hrs.	
Reading List and References	Related books and articles									