



L	T	P/S	SW	TOTAL CREDIT UNITS
2	-	-	4	04

Course Title: Business Technology

Course Code: BIOT317

Credit Units: 04

Course Objectives: The course provides a unique combination of studies, allowing students to acquire advanced skills in biotechnology, while attaining sound business/management foundations.

Prerequisite: General

Student Learning Objectives

At the end of this course, the student will be able to:

- Describe the major principles and practices of project management applied to product contexts in the biotechnology industry.
- Develop capabilities for planning, executing, controlling and evaluating projects, risk management and managing project life-cycles, resources, schedules and budgets.
- Critically assess the major principles and practices of project management applied to product contexts in the biotechnology industry.

Course Contents/Syllabus- Theory:

	Weightage (%)
Module I	20
<u>Technology - Past, Present and Future</u> A look at the influential technology of the past; market development and innovation; present types and resource pressures; future promises and innovations.	
Module II	20
<u>Resource Development</u> Supply chain management to acquire tech components; global financial investment.	
Module III	20
<u>Technology Integration</u> A look at systems engineering; primary and secondary markets for integration.	
Module IV	20
<u>Technology in Society</u> The influence of politics on tech development and the need for change.	
Module V	20

i. <u>Future Focus</u> A technology visit; an assessment of major and radical step-change tech	
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Pedagogy for Course Delivery:

Lectures: 27

Presentation/ Seminar: 2

Class Test: 1

Total: 30

Assessment/ Examination Scheme:

Theory L/T (%)	FW (%)	End Term Examination
100	-	100

Theory Assessment (L&T):

Components (Drop down)	Class Test / Internal Exam	Home Assignment/ Portfolio	Presentation/ Seminar/ Research Report	Attendance	End Term Examination
Weightage (%)	5	10	10	5	70

Text & References:

Paul Newton principles of project management ISBN978-1-62620-958-9

Richard Sherlock and John D . Morrey Ethical issues in biotechnology ISBN-13: 978-0742513778