Module Name		▪ **Project Management**			
Module Code	C7-PMA-23		Version no.	01	Last Modified Date: 01-06-2024
Level	7		Credits	10	
Aim	This module aims to teach students the elements of managing a real world Information Technology projects.				
Rationale	Much of computing work both in software development and networking are done as projects with timelines and deliverables. A student needs to be able to work effectively in this environment and support the project management effort. This module equips students with general knowledge of software/IT project management, including methodology, life cycles, management issues such as users, suppliers and development team management, stage management, document/communication management, configuration management, change and risk management, quality review/control and contract management.				
Pre-Requisites	None		Co-Requisites	None	

		Campus Learning (CL)	Distance Learning (DL)		
Delivery Approach		Will be a combination of lectures, practical's, tutorials, Blackboard Activities and assignments	Combination of independent and guided learning, full supported through the online repository of resources, blackboard(student portal) and synchronous sessions		
	Guided Learning	50	20		

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Notional Learning Hours	Independent Learning	50	80

Learning Outcomes	A student who successfully completes this module should be able to: ● Understand and effectively apply the general principle of IT project management to applications with certain level of difficulty and complexity ● Evaluate and apply standard methodology for project management as a team member ● Analyse and manage development processes/stages, quality control, and documentation/communication, etc. ● Manage their own time and organize their own practice to achieve identified goals and communicate effectively through written and verbal presentations using well-reasoned logical arguments ● Demonstrate interpersonal skills and the ability to work effectively with others to achieve common goals.

Assessment	Assessment Heading	Assessment Type		Contribution (%)
		CL	**DL**	
	Attendance	Attendance	Online Discussion on Discussion Forum	0%
	Internal Assessment	ICA	ICA	40%
	End Assessment	ICA	ICA	60%
	Supplementary Assessment:	ICA	ICA	The Supplementary Assessment will be worth 100% mark.

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Learning Resources	**Required reading:** ● IT Project Management: On Track from Start to Finish by Joseph Phillips **Reference Books:** ● Information Technology Project Management by Kathy Schwalbe
Other Resources	None
Indicative Content	● Project scope and life cycles ● Project manager roles and responsibilities ● Project methodologies ● Stakeholder requirements ● Work breakdown structures ● Effort estimation techniques (Gantt chart, PERT, CPM) ● Risk identification and mitigation ● Software metrics for estimation ● Project tracking ● Quality management plans ● Testing strategies ● Configuration management ● Pre-implementation and project closure activities