

Subject Availability List (SAL) - 2026 onwards

Year	New Code wef from 2024	Old Code	Cross Code	Pre-requisite	Credit Hours	Course Name	BIT	BCS	BDA	S1	S2	S3
Degree Year 1	BIT101		DIP105 (only for failed students)		4	Computer Architecture and Organisation	C	C	C	●		
	BCS102				4	Fundamentals of Artificial Intelligence		C			●	
	BDA100		DIP106/DIP1000 (only for failed students)		4	Programming Fundamentals	C	C	C	●		
	BDA101		DIP223		4	Analytics for Decision Making		E	C	●		
	BIT102		DIP107/DIP1009		4	Web Design and Development	C	C	C	●		
	BIT103		DIP203/DIP1003 (only for failed students)		4	Introduction to Database Systems	C	C	C	●		
	BIT106		DIP215		4	Object Oriented Programming	C	C	C			●
	BIT107		DIP206		4	Data Communications and Networking	C	C	C			●
	BIT108		DIP201/DIP108 (only for failed students)		4	Discrete Mathematics	C	C	C			●
	BIT110		DIP208/DIP2001		4	Introduction to Operating Systems	C	C	C			●
	BIT104		DIP207/DIP1004		4	Application of Mathematics in IT	E	E	E	●		
	FEC101		DIP207/DIP1004		4	Applied Mathematical Studies (for Jan 2024 intake onwards)	FE	FE	FE			●
	FEC100				4	Professional Communication for Business	FE	FE	FE			●
	MPU1-MPU4	MPU1-MPU4		(For MPU1-4, please refer MPU Centre)								
Pre-requisite for Year 2 Courses: Completion of all Year 1 Degree Academic Courses												
Degree Year 2	BCS205				4	Principles of Machine Learning	E	E		●		
	BDA203			BIT103	4	Advanced Database Systems	C	E	C			●
	BDA205				4	Data Mining and Visualisation		E	C			●
	BDA206			BIT103	4	Enterprise Data Infrastructure	E		C	●		
	BIT200					Technopreneurship and Innovation	C	C	C			●
	FEC200				4	Technopreneurship and Innovation (for intake Jan 2024 onwards)	FE	FE	FE			●
	BIT201			BIT106 or BDA100	4	Systems Architecture and Design	C	C	C	●		
	BIT203			BIT106	4	Advanced OO Programming	C	E		●		
	BIT206		DIP221		4	User Experience Design	C	C	C	●		
	BCS201	BIT208		BIT106	4	Data Structures and Algorithms	E	C				●
	BIT210			BIT102	4	Advanced Web Development	E	E		●		
	BIT212			BIT107	4	Cloud Computing	C	E	C	●		
	BIT216				4	Software Engineering Principles	C	C	C			●
	BIT217			BIT110	4	Internet of Things	E					●
	BCS202	BMC204			4	Computer Systems Engineering	E	C				●
	BIT219		DIP225	BIT106	4	Introduction to Mobile Apps	E					●
Pre-requisite for Year 3 Courses: Completion of all Year 1 & 2 Degree Academic Courses												
Degree Year 3	BCS302				4	Cyber-defence and Ethical Hacking	E	E				●
	BCS304			All Yr 1 & 2 Courses	3	Final Year Project I		C		●		●
	BCS305			BCS304	5	Final Year Project II	C		●			●
	BCS306			BCS205	4	Deep Learning for Computer Vision	E			●		
	BCS307			BCS205	4	Natural Language Processing	E					●
	BDA306				4	Machine Learning and Artificial Intelligence	E	E	C			●
	BDA307				4	Big Data Technologies		C		●		
	BIT301				4	IT Project Management	C	E	C	●		
	BIT303				4	Cybersecurity and Ethics	C	C	C	●		
	BIT304			All Yr 1 & 2 Courses	6	Final Year Project I	C	C	C	●		●
	BIT305			BIT304	5	Final Year Project II	C	C	C	●		●
	BIT306			BIT102 & BIT103	4	Enterprise Application Development	E	E		●		
	BIT310				5	Business Development Project	C	C	C			●
	FEC300	BIT310 (B4 2024)			4	Startup Ideation (for intake Jan 2024 onwards)	FE	FE	FE			●
	BIT312			BIT212	4	Cloud Solutions Development	E	E				●
	BIT313					Concurrent Programming	E	C		●		
	BCS320			All Yr 1 & 2 Courses	6	Industrial Internship		C			●	
	BIT320			All Yr 1 & 2 Courses	6	Industrial Internship	C	C	C			●

Undergraduate Students must complete the core subjects and the required number of electives. Please check E-Learning website (LMS) for any changes each semester.

Long Semester (14 Weeks) - Semester 1 & 3; Short Semester (7 weeks) - Semester 2. C = Core; E = Elective;

Management reserves the right not to run classes with less than 10 students, and to make any changes as maybe deemed necessary.