

Equivalent Course Under 2022 scheme						
Scheme	Semester	Branch	SubjectCode	Subject Name	Sub Code	Subject Name
2021	3	CA	21MAT31	Transform Calculus, Fourier Series and Numerical Techniques		
2021	3	CA	21CS32	Data Structures and Applications	BCS304	Data Structures and Applications
2021	3	CA	21CS33	Analog and Digital Electronics	NA	NO MAPPING
2021	3	CA	21CS34	Computer Organization and Architecture	NA	NO MAPPING
2021	3	CA	21CSL35	Object Oriented Programming with JAVA Laboratory	BCS306A	Object Oriented Programming with Java
2021	3	CA	21SCR36	Social Connect and Responsibility	BSC307	Social Connect and Responsibility
2021	3	CA	21CS382	Programming In C++	BCS306B	Object Oriented Programming with C++
2021	3	CA	21CSL381	Mastering Office	NA	NO MAPPING
2021	3	CA	21MATDIP31	Additional Mathematics - I		
Scheme	Semester	Branch	Subject Code	Subject Name		
2021	4	CA	21MATCS41	Mathematical Foundations for Computing, Probability & Statistics	NA	NO MAPPING
2021	4	CA	21CS42	Design and Analysis of Algorithms	BCS401	Analysis & Design of Algorithms
2021	4	CA	21CS43	Microcontroller and Embedded System	BCS402	Microcontrollers
2021	4	CA	21CS44	Operating System	BCS303	Operating Systems
2021	4	CA	21BE45	Biology for Engineers	BBOC407	Biology For Computer Engineers
2021	4	CA	21CSL46	Python Programming Laboratory	NA	NO MAPPING
2021	4	CA	21CS482	Unix Shell Programming	NA	NO MAPPING
2021	4	CA	21CSL481	Web Programming	BCSL504	Web Technology Lab
2021	4	CA	21CSL483	R Programming	BCS358B	R Programming
2021	4	CA	21UH49	Universal Human Values	BUHK408	Universal human values course
2021	4	CA	21INT49	Inter/Intra Institutional Internship		
2021	4	CA	21MATDIP41	Additional Mathematics - II		
Scheme	Semester	Branch	Subject Code	Subject Name		
2021	5	CA	21CS51	Automata Theory and compiler Design	BCS503	Theory of Computation
2021	5	CA	21CS52	Computer Networks	BCS502	Computer Networks
2021	5	CA	21CS53	Database Management Systems	BCS403	Database Management Systems
2021	5	CA	21AI54	Principles of Artificial Intelligence	BAI402	Artificial Intelligence
2021	5	CA	21CSL55	Database Management Systems Laboratory with Mini Project	NA	NO MAPPING
2021	5	CA	21RMI56	Research Methodology & Intellectual Property Rights	BRMK557	Research Methodology and IPR
2021	5	CA	21CIV57	Environmental Studies	BESK508	Environmental Studies
2021	5	CA	21CSL581	Angular JS	NA	NO MAPPING
2021	5	CA	21CSL582	C# Programming	NA	NO MAPPING
Scheme	Semester	Branch	Subject Code	Subject Name		
2021	6	CA	21CS61	Software Engineering and Project Management	BCS501	Software Engineering & Project Management

2021	6	CA	21AD62	Data Science and its Applications
2021	6	CA	21AI63	Machine Learning
2021	6	CA	21AI641	Business Intelligence
2021	6	CA	21AI643	Natural Language Processing
2021	6	CA	21AI644	Computer Graphics and Fundamentals of Image Processing
2021	6	CA	21CS642	Advanced JAVA Programming
2021	6	CA	21CS651	Introduction to Data Structures
2021	6	CA	21CS652	Introduction to Database Management Systems
2021	6	CA	21CS653	Introduction to Cyber Security
2021	6	CA	21CS654	Programming in JAVA
2021	6	CA	21AIL66	Machine Learning Laboratory
2021	6	CA	21AIMP67	Mini Project
2021	6	CA	21INT68	Societal Internship

NA	NO MAPPING
BCS602	Machine Learning
BCB701	Business Intelligence and Data Analytics
BAI601	Natural Language Processing
NA	NO MAPPING
BIS402	Advanced Java
BCS654A	Introduction to Data Structures
BCS755A	Introduction to DBMS
BCY402	Elements of Cyber Security
BCS306A	Object Oriented Programming with Java
BCSL606	Machine Learning lab
NA	NO MAPPING