

Details			Course Under 2021 Scheme		Equivalent Course under the 2022 scheme with syllabus content matching over 60%	
Scheme	Semester	Branch	Subject Code	Subject Name	Sub Code	Subject Name
2021	3	MR	21MR32	Manufacturing processes	BMR302	Manufacturing Processes
2021	3	MR	21MR33	Material Science	BMR303	Material Science
2021	3	MR	21MR34	Thermodynamics	BMR304	Thermodynamics
2021	3	MR	21MRL35	Machine Drawing and GD & T	BMR305	Introduction to Modeling and Design for Manufacturing
2021	3	MR	21SCR36	Social Connect and Responsibility	BSCK307	Social Connect and Responsibility
2021	3	MR	21MR381	Programming in Python		No Equivalent Course
2021	3	MR	21MR382	Microcontrollers	BMR358B	Microcontrollers
2021	3	MR	21MR383	Chartering	BMR358C	Chartering
2021	3	MR	21MR384	Spreadsheet for Engineers	BMR358A	Spreadsheet for Engineers
2021	3	MR	21MATDIP31	Additional Mathematics - I		No Equivalent Course

Scheme	Semester	Branch	Subject Code	Subject Name	Sub Code	Subject Name
2021	4	MR	21MR42	Marine Electrical Technology	BMR402	Marine Electrical Technology
2021	4	MR	21MR43	Fluid Mechanics & Machinery	BMR403	Fluid Mechanics & Machinery
2021	4	MR	21MR44	Basic Ship Knowledge and Watch Keeping	BMR301	Basic Ship Knowledge and Watch keeping
2021	4	MR	21BE45	Biology for Engineers	BBOK407	Biology For Engineers
2021	4	MR	21MRL46	Mechanical Measurements & Metrology Laboratory	BMR404	Mechanical Measurements & Metrology laboratory
2021	4	MR	21MR481	Internet of Things		No Equivalent Course
2021	4	MR	21MR482	PLC and SCADA	21MR482	PLC and SCADA
2021	4	MR	21MR483	Maritime Law	BMR456C	Maritime law
2021	4	MR	21UH49	Universal Human Values	BUHK408	Universal Human Values
2021	4	MR	21INT49	Inter/Intra Institutional Internship		No Equivalent Course
2021	4	MR	21MATDIP41	Additional Mathematics - II		No Equivalent Course

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2021	5	MR	21MR51	Theory of Machines	BMR503	Theory of Machines
2021	5	MR	21MR52	Marine IC Engines and Propulsion System (IPCC)	BMR502	Marine IC Engines and propulsion System
2021	5	MR	21MR53	Mechanics of Materials	BMR401	Mechanics of Materials
2021	5	MR	21MR54	Ship Structure and Construction		No Equivalent Course
2021	5	MR	21MRL55	Design Laboratory	BMR504	Design Laboratory
2021	5	MR	21RMI56	Research Methodology & Intellectual Property Rights	BRMK557	Research Methodology and IPR
2021	5	MR	21CIV57	Environmental Studies	BESK508	Environmental Studies
2021	5	MR	21MR581	Introduction to AI and ML(AEC)		No Equivalent Course
2021	5	MR	21MR582	Sensors and Actuators (AEC)	BMR657B	Sensors and Actuators
2021	5	MR	21MR583	Seamanship and Navigation (AEC)		No Equivalent Course

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2021	6	MR	21MR61	Ship Operations and Management	BMR501	Ship Operations and Management
2021	6	MR	21MR62	Marine Thermal Engineering	BMR601	Marine Thermal Engineering
2021	6	MR	21MR63	Naval Architecture	BMR602	Naval Architecture
2021	6	MR	21MR641	Control Engineering and Marine Automation		No Equivalent Course
2021	6	MR	21MR642	Marine Environmental Protection	BMR405A	Marine Environmental Protection
2021	6	MR	21MR643	MEMS and Microsystem Technology		No Equivalent Course
2021	6	MR	21MR651	Introduction to Ships and Shipping	BMR654A	Introduction to Ships and Shipping
2021	6	MR	21MR652	Supply Chain Management and Introduction to SAP	BMR654B	Supply chain Management
2021	6	MR	21MRL66	Analysis & Simulation Lab	BMRL606	Analysis & Simulation Lab
2021	6	MR	21MRMP67	Mini Project	BMR586	Mini Project
2021	6	MR	21INT68	Societal Internship		No Equivalent Course