

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	MM	21SM32	Casting Joining and Forming Process	BMM302	Casting Joining and Forming Process
2021	3	MM	21SM33	Material Science and Engineering	BMM303	Material Science and Engineering
2021	3	MM	21SM34	Thermodynamics	BMM301	Engineering Thermodynamics
2021	3	MM	21SML35	Machine Drawing and GD & T	BMM305	Introduction to modelling and design for manufacturing
2021	3	MM	21UH36	Social Connect and Responsibility	BSCK307	Social Connect and Responsibility
2021	3	MM	21SM381	Introduction to Python		No Equivalent Course
2021	3	MM	21SM382	Introduction to Virtual Reality	BMM358A	Introduction to Virtual Reality
2021	3	MM	21SM383	Trends in Digital Manufacturing		No Equivalent Course

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2021	4	MM	21ME42	Machining Jigs and Fixtures	BMM402	Machining Jigs and Fixtures
2021	4	MM	21SM43	Fluid Mechanics and Heat Transfer	BMM403	Fluid Mechanics and Heat Transfer
2021	4	MM	21ME44	Mechanics of Materials	BMM304	Mechanics of Materials
2021	4	MM	21BE45	Biology for Engineers	BBOK407	Biology for Engineers
2021	4	MM	21MEL46	Mechanical Measurements and Metrology Lab	BMML404	Sensors, Measurement and Metrology lab
2021	4	MM	21CIP47	Constitution of India & professional Ethics	BICOK107/207	Indian Constitution
2021	4	MM	21KBK47	Balake Kannada	BKBKK107/207	Balake Kannada
2021	4	MM	21KSK47	Samskrutika Kannada	BKSKK107/207	Samskrutika Kannada
2021	4	MM	21SM481	Quality Engineering	BMM456A	Quality Engineering
2021	4	MM	21SM482	Mechanical Design Concepts	BMM456B	Mechanical Design Concepts
2021	4	MM	21UH49	Universal Human Values	BUHK408	Universal Human Values
2021	4	MM	21INT49	Inter/Intra Institutional Internship		No Equivalent Course
2021	4	MM	21MATDIP41	Additional Mathematics - II		No Equivalent Course

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2021	5	MM	21SM51	Entrepreneurship, Management and Economics	BMM501	Entrepreneurship, Management and Economics
2021	5	MM	21SM52	Data Structures and Algorithm	BMM502	Data Structures and Algorithm
2021	5	MM	21SM53	Finite Element Analysis	BMM515C	Finite Element Analysis
2021	5	MM	21SM54	Machine Design		No Equivalent Course
2021	5	MM	21SML55	Smart Manufacturing Lab-1	BMM504	Smart Manufacturing Lab-1
2021	5	MM	21SM56	Research Methodology & Intellectual Property Rights	BRMK557	Research Methodology and IPR
2021	5	MM	21CIV57	Environmental Studies	BESK508	Environmental Studies
2021	5	MM	21SM581	Robotics and Automation (1 Credit - MCQ - 1Hr Exam)	BMM515A	Robotics and Automation (3 Credit - Descriptive - 3Hr Exam)
2021	5	MM	21SM582	Special Manufacturing Processes	BMM456C	Special Manufacturing Processes

Scheme	Semester	Branch	Subject Code	Subject Name	Sub Code	Subject Name
2021	6	MM	21SM61	Production and Operation Management	BMM602	Production and Operation Management
2021	6	MM	21SM62	Artificial Intelligence and Machine Learning	BMM702	Artificial Intelligence and Machine Learning
2021	6	MM	21SM63	Industrial Internet of Things	BMM601	Industrial Internet of Things

2021	6	MM	21SM641	Cloud Computing	BMM657A	Introduction to Cloud Computing
2021	6	MM	21SM642	Composite Materials	BMM613D	Composite Materials
2021	6	MM	21SM643	Non-Traditional Machining	BMM306B	Non-Traditional Machining
2021	6	MM	21SM644	Micro and Smart System Technology	BMM405B	Micro and Smart System Technology
2021	6	MM	21SM651	Nondestructive Testing	BMM613B	Nondestructive Testing
2021	6	MM	21SML66	Smart Manufacturing Lab-2	BMML606	Smart Manufacturing Lab-2
2021	6	MM	21SMMP67	Mini Project	BMM586	Mini Project
2021	6	MM	21INT68	Societal Internship		No Equivalent Course