

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	RI	21RI32	Manufacturing Technology		No Equivalent Course
2021	3	RI	21RI33	Analog & Digital Electronics Circuits	BRI303	Analog and Digital Electronic Circuits
2021	3	RI	21RI34	Mechanics of Solids and Fluids		No Equivalent Course
2021	3	RI	21RI35	Machine Drawing and GD&T		No Equivalent Course
2021	3	RI	21SCR36	Social Connect and Responsibility	BCK307	Social Connect & Responsibility
2021	3	RI	21RI381	Introduction to Python		No Equivalent Course
2021	3	RI	21RI382	Fundamentals of Virtual Reality APP Development	BRI358C	Fundamentals of Virtual Reality and App Development
2021	3	RI	21RI383	Digital Society		No Equivalent Course
2021	3	RI	21MATDIP31	Additional Mathematics - I		No Equivalent Course

Scheme	Semester	Branch	Subject Code	Subject Name	Sub Code	Subject Name
2021	4	RI	21RI42	Measurement Systems		No Equivalent Course
2021	4	RI	21RI43	Microcontrollers	BRI403	Microcontroller
2021	4	RI	21RI44	Robot Kinematics,Dynamics and Control	BRI401	Robot Kinematics, Dynamics & Control
2021	4	RI	21BE45	Biology for Engineers	BBOK407	Biology For Engineers
2021	4	RI	21RI46	Robot Programming and Simulation Lab	BRIL404	Robot Programming and Simulation Laboratory
2021	4	RI	21CIP47	Constitution of India & professional Ethics	BICOK107	Indian Constitution
2021	4	RI	21KBK47	Balake Kannada	BKBKK107	Balake Kannada
2021	4	RI	21KSK47	Samskrutika Kannada	BKSKK107	Samskrutika Kannada
2021	4	RI	21RI481	Spread Sheet for Engineers	BRI456A	Spreadsheet for Engineers
2021	4	RI	21RI482	Introduction to AI and ML		No Equivalent Course
2021	4	RI	21RI483	Introduction to Augmented Reality		No Equivalent Course
2021	4	RI	21UH49	Universal Human Values	BUHK408	Universal Human Values
2021	4	RI	21INT49	Inter/Intra Institutional Internship		No Equivalent Course
2021	4	RI	21MATDIP41	Additional Mathematics - II		No Equivalent Course

Scheme	Semester	Branch	Subject Code	Subject Name	Sub Code	Subject Name
2021	5	RI	21RI51	Fundamentals of AI for robotics		No Equivalent Course
2021	5	RI	21RI52	Hydraulics and Pneumatics	BRI502	Hydraulics and Pneumatics
2021	5	RI	21RI53	Natural Language Processing		No Equivalent Course
2021	5	RI	21RI54	Robot Operating System		No Equivalent Course
2021	5	RI	21RI55	Virtual Instrumentation & automation Lab	BRIL606	Virtual Instrumentation Lab
2021	5	RI	21RI56	Research Methodology & Intellectual Property Rights	BRMK557	Research Methodology and IPR
2021	5	RI	21CIV57	Environmental Studies	BESK508	Environmental Studies
2021	5	RI	21RI581	MEDICAL ROBOTICS		No Equivalent Course
2021	5	RI	21RI582	BASICS OF MATLAB		No Equivalent Course

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2021	6	RI	21RI61	Quality Control Process and Maintenance Management		No Equivalent Course
2021	6	RI	21RI62	Computer Vision System		No Equivalent Course
2021	6	RI	21RI63	Industry 4.0 and IIoT	BRI613A	Industry 4.0 and IIoT
2021	6	RI	21RI641	Neural Network and Fuzzy Logic Systems		No Equivalent Course
2021	6	RI	21RI642	Micro Robotics		No Equivalent Course
2021	6	RI	21RI643	Data Structure & Algorithm		No Equivalent Course
2021	6	RI	21RI651	Fundamental of Robotics		No Equivalent Course
2021	6	RI	21RI652	Service Oriented Architecture		No Equivalent Course
2021	6	RI	21RIL66	Finite Element Analysis Lab	BRI657C	Finite Element Analysis Lab
2021	6	RI	21RIMP67	Mini Project	BRI586	Mini Project
2021	6	RI	21INT68	Societal Internship		No Equivalent Course