

						Equivalent Course Under 2022 scheme	
Scheme	Semester	Branch	SubjectCode	SubjectName	Sub Code	Subject Name	
2021	3	AS	21AS32	Aerospace Materials and Processes	BAS302	AEROSPACE MATERIALS AND PROCESSES	
2021	3	AS	21AS33	Fluid Mechanics	BAS303/BAE303	FLUID MECHANICS	
2021	3	AS	21AS34	Introduction to Aerospace Engineering (IAE)	BAS304	Introduction to Aerospace Engineering	
2021	3	AS	21ASL35	CAAD (Computer Aided Aircraft Drawing)	BASL305/BAEL305	Computer Aided Aircraft Drawing	
2021	3	AS	21SCR36	Social Connect and Responsibility	BSCK307	Social Connect and Responsibility	
2021	3	AS	21AS381	Development of soft skills for Engineers	BAE358A/ BAS358A	Development of Soft Skills for Engineers	
2021	3	AS	21AS382	Ethics Technology and Engineering	BAE358B/ BAS358B	Ethics, Technology and Engineering	
2021	3	AS	21AS383	Digitalization in Aerospace Engineering	BAS358C	Digitalization in Aerospace Engineering	
2021	3	AS	21AS384	Coding literacy	BAE358D/ BAS358D	Coding literacy	
Scheme	Semester	Branch	SubjectCode	SubjectName			
2021	4	AS	21AS42	Aerodynamics (+Aerodynamics Lab)	BAS402/BAE402	Aerodynamics	
2021	4	AS	21AS43	Aero Engineering Thermodynamics (+ Energy Conversion+Heat & Mass Transfer Labs)	BAS301	AERO ENGINEERING THERMODYNAMICS	
2021	4	AS	21AS44	Mechanics of Materials	BAS401	Mechanics of Materials	
2021	4	AS	21BE45	Biology for Engineers	BBOK407	Biology For Engineers	
2021	4	AS	21ASL46	Propulsion Lab	No Equivalent subject available		
2021	4	AS	21AS481	Introduction to Programming in MATLAB and Python	BAS456A	Introduction to Programming in MATLAB	
2021	4	AS	21AS482	Design Thinking for Innovation	No Equivalent subject available		
2021	4	AS	21AS483	High Temperature and Smart Materials	BAS456C	High Temperature and Smart Materials	
2021	4	AS	21AS484	Introduction to Space Technology	No Equivalent subject available		
2021	4	AS	21UH49	Universal Human Values	BUHK408	Universal human values course	
2021	4	AS	21INT49	Inter/Intra Institutional Internship	No Equivalent subject available		
Scheme	Semester	Branch	Subject Code	Subject Name			
2021	5	AS	21AS51	Mechanism and Machine Theory	BAS306B/BAE306B	Mechanism & Machine Theory	
2021	5	AS	21AS52	Aerospace Propulsion (+Advanced Propulsion Lab)	BAS403	Aerospace Propulsion	
2021	5	AS	21AS53	Aerospace Structures	BAS503	Aerospace Structures	
2021	5	AS	21AS54	Aircraft Performance and Stability	No Equivalent subject available		
2021	5	AS	21ASL55	Aerospace Structures Lab	BASL504	Aerospace structures Lab	
2021	5	AS	21RMI56	Research Methodology & Intellectual Property Rights	BRMK557	Research Methodology and IPR	
2021	5	AS	21CIV57	Environmental Studies	BESK508	Environmental Studies	
2021	5	AS	21AS581	Probability and Statistics for Aerospace Engineering	BAS657A/ BAE657A	Probability and statistics for Aerospace Engineering	
2021	5	AS	21AS582	Introduction to Data Analytics	BAS657C	Introduction to Data Analytics	
2021	5	AS	21AS583	Virtual Aircraft Simulation	BAS657B/ BAE657B	Virtual Aircraft simulation	
2021	5	AS	21AS584	Air and Missile Defence Systems	BAS657D	Air and Missile Defence Systems	
Scheme	Semester	Branch	Subject Code	Subject Name			
2021	6	AS	21AS61	Aviation Management	BAS501/BAE501	Aviation Management	
2021	6	AS	21AS62	Aircraft Systems and Avionics (+ Avionics Lab)	No Equivalent subject available		
2021	6	AS	21AS63	Rockets and Missiles	BAS602	Rockets and Missiles	
2021	6	AS	21AS641	Introduction to Astrophysics and Space Environment	BAS515D	Introduction to Astrophysics and Space Environment	
2021	6	AS	21AS642	Radar and Microwave Engineering	No Equivalent subject available		
2021	6	AS	21AS643	Theory of Vibrations	BAS502	Theory of Vibrations	
2021	6	AS	21AS644	Gas Turbine Technology and Space Propulsion	No Equivalent subject available		
2021	6	AS	21AS651	Introduction to Aerospace History	BAS654A/ BAE654A	Introduction to Aerospace History	

2021	6	AS	21AS652	Introduction to Helicopters	BAS654B/BAS654B	Introduction to Helicopters
2021	6	AS	21AS653	Indian Aviation	BAS654C	Indian Aviation
2021	6	AS	21AS654	Airline and Airport Management	BAS654D	Airline and Airport management
2021	6	AS	21ASL66	Flight Modelling, Analysis and Simulation Lab	No Equivalent subject available	
2021	6	AS	21ASMP67	Mini Project	BAS586	Mini Project
2021	6	AS	21INT68	Societal Internship	No Equivalent subject available	