

Group No.	Course Code	Course Title	UNIQUE CODE
1	20MAP21	<b>Computational Fluid Dynamics in Aeronautical</b>	201AE001
1	20MAP322	Hypersonic Aerodynamics	201AE002
1	20MAE322	Theory of Aeroelasticity	201AE003
1	20MAP254	Introduction to reacting flows.	201AE004

2	20MAP12	Aerospace Propulsion	202AE001
2	20MAP22	Fuels and Combustion	202AE002
2	20MAP23	Heat Transfer in Propulsion Systems	202AE003
2	20MAP242	Engine Performance Control & Simulation	202AE004
2	20MAP251	Ramjet and Scramjet	202AE005
2	20MAP323	Advanced Gas Turbines	202AE006
2	20MAP331	Missile and Launch Vehicles	202AE007
2	20MAP332	Advanced Propulsion Systems	202AE008
2	20MAP333	Gas Turbine and Rocket Propulsion	202AE009

3	<b>20MAP31</b>	<b>Aerospace Instrumentation and Control</b>	203AE001
3	20MAE13	Introduction to Aerospace Vehicles and Systems	203AE002
3	20MAE21	Aircraft Performance and Flight Mechanics	203AE003
3	20MAE31	Aircraft Flight Dynamics and Automatic Flight Control	203AE004

4	20MAP241	Fatigue and Fracture Mechanics	204AE001
4	20MAP243	Aerospace Structures	204AE002
4	20MAP252	Mechanical Aspects of Rotating Machinery	204AE003
4	20MAP321	Advanced Bearings and Rotor Dynamics	204AE004
4	20MAE23	Airframe Structures and Structural Design	204AE005
4	20MAP13	Finite Element Methods	204AE006

5	<b>20MAP14</b>	<b>Aerospace Materials and processes</b>	205AE001
5	20MAP253	Advanced Composite Materials	205AE002
5	20MAE324	New Product Development	205AE003
5	20MAP324	Advanced materials for aerospace applications.	205AE004

6	20MAP334	<b>Introduction to AI&amp;ML</b>	206AE001
6	20MAE243	Artificial Intelligence and Robotics	206AE002
6	20MAE252	Unmanned Aerial Vehicles	206AE003