

Module Title	Module Code	Level	Semester
Electrical Engineering and Power Control	5ELE0058	5	A
Digital Design & Embedded Systems	5ELE0060	5	A
Automotive Electrical Systems	5ENT1004	5	A
Fluid Mechanics (Auto & Mech)	5ENT1116	5	A
Thermodynamics (Auto & Mech)	5ENT1117	5	A
Materials in Engineering (Auto & Mech)	5ENT1118	5	A
Sustainable Design (CDIO; Mech)	5ENT1119	5	A
Automotive Sustainable Design (CDIO; Auto)	5ENT1120	5	A
Fluids & Aerodynamics	5ENT1128	5	A
Thermodynamics for Aerospace	5ENT1129	5	A
Materials for Aerospace	5ENT1130	5	A
Practical Aerodynamics (CDIO)	5ENT1131	5	A
Embedded Systems Design (RAI)	5ENT1137	5	A
Behavioural Robotics	5ENT1139	5	A
Artificial Intelligence Principles	5ENT1140	5	A
Computer Aided Engineering (CDIO)	5ENT2009	5	A
Applied Thermodynamics	5ENT2011	5	A
Electronic Communication Systems	5ENT2023	5	A
Civil Engineering Materials 2	5ENT2038	5	A
Digital Tools for Civil Engineering	5ENT2039	5	A
Mechanics of Materials and Stability	5ENT2040	5	A
Hydrology and Open-Channel Hydraulics	5ENT2041	5	A
Introduction to Vehicle Aerodynamics	5ENT2055	5	A
Further Engineering Mathematics (EE)	5PAM1005	5	A
Engineering Management and Finance	6AAD0020	6	A
Digital Signal Processing	6ELE0066	6	A
Instrumentation and Control Systems	6ENT1009	6	A
Microelectronics and VLSI	6ENT1027	6	A
Smart Systems	6ENT1030	6	A
Motorsport Engineering VMS	6ENT1053	6	A
Motorsport Technology	6ENT1057	6	A
Vehicle Design	6ENT1067	6	A
Flood Hydraulics and River Engineering	6ENT1073	6	A
Advanced Structural Analysis and Design	6ENT1074	6	A
Highway and Transportation Engineering	6ENT1078	6	A
Aerospace Performance & Manufacture	6ENT1131	6	A
Aerospace Performance & Propulsion	6ENT1132	6	A
Power Systems	6ENT1146	6	A
Connected Autonomous Vehicles (Auto)	6ENT1152	6	A
Flight Testing PS	6ENT1166	6	A
Aerospace Structures & FEA	6ENT1167	6	A
Navigation, Human Factors & Meteorology	6ENT1169	6	A
Advanced Mechanics	6ENT1174	6	A
Vehicle Design and Body Engineering (Auto & VMS)	6ENT1175	6	A
Machine Learning (RAI)	6ENT1176	6	A
3D Vision (RAI)	6ENT1178	6	A
Visual and Spoken interfaces (RAI)	6ENT1183	6	A
Lean Manufacturing & Supply Chains	6ENT2014	6	A
Flight Performance, Planning and Communication	6ENT2056	6	A

Module Title	Module Code	Level	Semester
Real Time Systems & Programming	5ELE0062	5	B
Automotive Electronics and Control Systems (Auto)	5ENT1011	5	B
Mechatronic Systems Modelling and Control	5ENT1056	5	B
Avionics Systems	5ENT1067	5	B
Dynamics & Vibrations (Auto & Mech)	5ENT1121	5	B
Structural Mechanics	5ENT1122	5	B
Automotive Structures (Auto)	5ENT1123	5	B
Introduction and Application of Control Systems (Mech)	5ENT1124	5	B
Industrial Mechanics (CDIO; Mech)	5ENT1125	5	B
Motorsport Design (CDIO; Auto)	5ENT1127	5	B
Control & Autopilot Systems	5ENT1132	5	B
Aircraft Dynamics & Vibration	5ENT1133	5	B
Aircraft Structural Mechanics	5ENT1134	5	B
Structural Design & CAE (CDIO; Aero)	5ENT1136	5	B
Robot Sensors and Signal Processing	5ENT1142	5	B
Production and Distribution System Management	5ENT2012	5	B
Computational Fluid Dynamics	5ENT2013	5	B
Motorsport Design (CDIO)	5ENT2017	5	B
Project Management & Product Development	5ENT2022	5	B
Soil Mechanics & Concept Foundation	5ENT2042	5	B
Construction Management	5ENT2043	5	B
Surveying and Highway Engineering	5ENT2044	5	B
Structural Mechanics (Civil)	5ENT2045	5	B
Civil Engineering Structural Design	5ENT2045	5	B
Mechatronics (RAI)	5ENT2052	5	B
Aircraft Technical, Air Law and Operational Procedures	5ENT2054	5	B
Automotive Electronic Practice	5ENT2056	5	B
Electronics Practice for Robot Applications (RAI)	5ENT2057	5	B
Automotive Chassis & Powertrain Technology	6AAD0006	6	B
Advanced Power Conversion and Control	6ELE0062	6	B
Intelligent Systems and Robotics	6ELE0067	6	B
Telecommunication Systems	6ELE0074	6	B
Data Security and Biometrics	6ENT1031	6	B
High Performance Engine Design VMS	6ENT1054	6	B
Avionics Technology	6ENT1059	6	B
Design of High Performance Engines	6ENT1060	6	B
Vibration, Noise & Vehicle Dynamics	6ENT1066	6	B
Geotechnical Design	6ENT1072	6	B
Sustainable Engineering	6ENT1075	6	B
Racing Car Body Engineering	6ENT1113	6	B
Aerospace Design	6ENT1134	6	B
Acoustics	6ENT1159	6	B
Renewable Energy and the Environment	6ENT1160	6	B
Automotive Powertrain Technology (Auto)	6ENT1161	6	B
Advanced Aerodynamics	6ENT1171	6	B
Satellite Communications	6ENT1172	6	B
Industrial Robotics (RAI)	6ENT1179	6	B
Robot Communication (RAI)	6ENT1180	6	B
Mobile Robots and Drones (RAI)	6ENT1181	6	B
Autonomous Aerospace Transportation	6ENT2000	6	B

Module Title	Module Code	Level	Semester
Autonomous Automotive Transportation	6ENT2001	6	B
Integrated Aerospace Systems	6ENT2057	6	B