

Level	Module Code	Module Title	
1	EGR1004M	Year 1	Materials and Methods of Manufacture
	EGR1012M		CAD and Technical Drawing
	EGR1013M		Computing and Programming for Engineers
	EGR1014M		Mathematical Skills for Engineers
	EGR1015M		Pro and Workshop Skills
	EGR1016M		Engineering Mechanics
	EGR1017M		Thermofluids
	EGR1022M		Design Challenge for Engineers
	ELE1001M		Matter and Interactions
	ELE1002M		Introduction to Robotics
	ELE1003M		Semiconductor Device Physics
	ELE1004M		Electrical And Electronic Technology
	2		EGR2005M
EGR2006M		Control Systems	
EGR2007M		Innovation Project	
EGR2008M		Dynamics And Vibrations	
EGR2010M		Data Modelling And Simulation	
EGR2011M		Industrial Engineering	
EGR2012M		Solid Body Mechanics	
EGR2014M		Applied Thermofluids	
ELE2001M		Analog Electronics	
ELE2002M		Digital Systems And Microprocessors	
ELE2003M		Mechatronics	
ELE2004M		Electrical Power And Machines	
3		EGR3001M	Year 3
	EGR3005M	CFD	
	EGR3006M	FEA	
	EGR3024M	Individual Projects	
	EGR3025M	Materials Science and Engineering	
	EGR3026M	Advanced Manufacturing Processes and Systems	
	EGR3029M	Combustion, Fuels And Energy	
	EGR3030M	Energy Systems And Conversion	
	EGR3031M	Signal Processing And System Identification	
	EGR3032M	State-Space Control	
	EGR3038M	Building Automation Systems	
	EGR3039M	Industrial Automation	
	EGR3040M	Industrial Project	
	ELE3001M	Communication Systems	
	ELE3002M	Electrical Machine Design	
	ELE3003M	Power Electronics	
	ELE3004M	Programmable Logic Design	
	ELE3005M	Robotics and Automation	
	ELE3006M	Internet of Things and Smart Electronics	
	ELE3007M	Smart Energy Systems	
9	EGR9011M		Green Power
	EGR9013M		Managing Projects

9	EGR9014M	Year 4	Sustainable Energy Systems and Climate Changes
9	EGR9017M		Power Systems
9	EGR9019M		Applied Thermo-fluids Systems
9	EGR9020M		Engineering Research Project
9	EGR9021M		Applied CFD
9	EGR9022M		Applied FEA
9	EGR9024M		Group Project
9	EGR9025M		Sensors, Actuators and Controllers
9	EGR9028M		Laser Materials Processing
9	EGR9033M		Health Monitoring and Diagnostics
9	EGR9036M		Vehicle Systems And Control
9	EGR9037M		Vibration And Acoustic Analysis Of Systems
9	EGR9043M		Engineering Research Project (Industry Placement)
9	EGR9044M		Advanced Modelling and Simulation
9	EGR9045M		Research Methods for Engineering
9	EGR9047M		Digital Transformation in Healthcare Technologies
9	EGR9048M		Process Operations and Innovation
9	ELE9001M		Advanced System Design
9	ELE9002M		Embedded System Design for Industrial Application
9	ELE9003M		Power Systems For Aerospace, Marine And Automotive Applications
9	ELE9004M	RF And Microwave Communications	
9	ELE9005M	Power Generation And Transmission Applications	

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