

					[25]		[75]				[20]			
		Module Type			Maths	Basic Sciences	Eng. Science [25]		Eng. Design and Projects [25]		Mng.Eco.Com m [12]		Huumanitises, Soc. Sci. arts ethics [4]	
Number	Subject Name	Core	TE	GE	CO	CO	CO	TE	CO	TE	CO	GE	CO	GE
					34		65		30		21		9	
Semester 1		18	0	0										
EE1101	Programming Fundamentals	1					1							
EE1302	Fundamentals of Electricity	3				3								
CE1101	Basic Concepts in Environmental Engineering	1					1							
CE1202	Introduction to Infrastructure Planning	2					2							
ME1201	Engineering Drawing	2					2							
ME1202	Fundamentals of Thermodynamics	2				2								
IS1301	Communication for Engineers	3									3			
IS1402	Mathematical Fundamentals for Engineers	4			4									
Semester 2		18	0	0										
EE2201	Object Oriented Programming	2					2							
EE2202	Fundamentals of Electronics	2				2								
CE2201	Fundementals of Fluid Mechanics	2				2								
CE2302	Mechanics of Materials	3				3								
ME2201	Engineering Mechanics	2				2								
ME2302	Fundamentals of Materials and Manufacturing Engineering	3					3							
IS2401	Linear Algebra and Differential Equations	4			4									
Semester 3		18	0	0										
EE3350	Analog Electronics	3					3							
EE3351	Data Structures and Algorithms	3					3							

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EE6350	Computer Networks	3					3								
EE6351	Embedded Systems Design	3						3							
							1								
EE6253	Operating System and Network Programming	2					2								
EE5454	Software Group Project (Cntd.)	2						2							
IS5101	Engineering Ethics	1												1	
IS5302	Numerical Methods	3			3										
EE6360	Artificial Intelligence (TE)		2				2								
EE6262	DevOps Engineering (TE)		2				2								
Industrial Training															
Semester 7		6	0	0											
EE7250	Information Security	6						6							
EE7251	Optimization Techniques for Engineers	8	4	0											
EE7852	Undergraduate Project	2					2								
EE7261	Computer Vision and Image Processing (TE)	2					2								
EE7262	Human Computer Interactions (TE)	4						4							
EE7263	Introduction to Robotics and Automation (TE)		2				2								
EE7264	Parallel and Distributed Computing (TE)														
EE7265	Software Architecture (TE)														
EE7110	Research Methodologies		2				2								
EE6263	Digital Signal Processing (TE)														
EE6265	Wireless Communications (TE)	1													
Semester 8		4	8	0											
EE7852	Undergraduate Project	4						4							
EE8260	Big Data and Analytics (TE)		2				2								
EE8261	Bioinformatics (TE)		2				2								

EE8262	Blockchain and Cyber Security (TE)		2					2						
EE8264	Functional Programming (TE)		2					2						
EE8265	IC Design (TE)													
EE8266	Virtual and Augmented Reality (TE)													
<b>Core (Management and Humanities) -Semester 3,6,7</b>		11	0	0										
IS3301	Basic Economics (GE)	3									3			
IS3103	Graphic Design (GE)													
IS3205	Oriental Ballet and Creative Dance (GE)													
IS3206	Physical Development and Health Management (GE)													
EE3307	Society and Engineer (GE)	3											3	
IS5302	Financial Management (GE)	3									3			
IS5303	Industrial Management (GE)													
EE7275	Planning and Management for Computer Engineers (GE)	2									2			
<b>Core (Management and Humanities) -Semester 4,8</b>		4	0	0										
IS4102	Appreciation of Music													
IS4103	Digital Modeling and Animation (GE)	1											1	
IS4304	Management and Organizational Behaviour (GE)	3									3			
IS4307	Technology and Society (GE)													
IS8222	English for the Professional World (GE)													
IS4106	Mindfulness (GE)													
IS6201	Entrepreneurship and Project management (GE)													
<b>Core (Management and Humanities) -Semester5</b>		1	0	0										
IS6121	Industrial Law (GE)	1											1	
IS5221	Professional Etiquettes (GE)													
					20	14	47	18	30	0	4	17	1	9
					34		65		30		21		10	
					34 (25)		65 (25)		30(25)		21 (12)		10 (4)	

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