				Module Owner				
				Department			_	
<u> </u>		Module Description	Module Owner Faculty Description De	•		Semester		Continuous Assessment (CA) %
	CA318	Advanced Algorithms and A.I. Search	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	75	25
	CA377	Programming Fundamentals (Project)	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	0	100
	CA4003	Compiler Construction	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	70	30
	CA4101	Enterprise Architecture (C)	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	70	30
CSAO	CA4102	High-Tech. Innovation & Entrepreneurship (C)	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	0	100
	CA341	Comparative Programming Languages	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	0	100
	CA349	IT Architecture	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	0	100
	CA675	Cloud Technologies	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	0	50
CSAO	CA682	Data Management and Visualisation	ENGINEERING AND COMPUTING	COMPUTING	7.5	Semester 1	75	25
CSAO	CA2106	Advanced Web Design	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	0	100
CSAO	CA348	Business Information Management	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	0	100
CSAO	CA360	Communication Skills	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 2	0	100
CSAO	CA320	Computability and Complexity	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	75	25
CSAO	CA304	Computer Networks 2	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	75	25
CSAO	CA268	Computer Programming 3 (Data Struct. & Alg.)	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	70	30
CSAO	CA269	Computer Programming 4 (Object Oriented Prog)	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 2	50	50
CSAO	CA119	Data Science and Databases	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	80	20
CSAO	CA270	Data Warehousing and OLAP	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	80	20
CSAO	CA229	Developing Internet Applications	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 2	0	100
CSAO	CA222	Enterprise Information Systems	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	0	100
CSAO	CA282	Introduction to DevOps	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 1	0	100
CSAO	CA208	Logic	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 2	50	50
	CA3109	Machine Learning	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 2	0	100
	CA314	OO Analysis and Design	ENGINEERING AND COMPUTING	COMPUTING	_	Semester 1	75	25
	CA216	Operating Systems	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	70	30
CSAO	CA216	Operating Systems	ENGINEERING AND COMPUTING	COMPUTING	5	Semester 2	70	30
	CA266	Probability & Statistics	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	80	20
	CA279	Professional Practice for Enterprise Comp.	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	0	100
CSAO	CA274	Programming for Data Analysis	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	0	100
	CA177	Programming Fundamentals	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	50	50
	CA3000	Quantitive Analysis for Business Decisions	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	75	25
	CA267	Software Testing	ENGINEERING AND COMPUTING	COMPUTING		Semester 2		100
	CA214	Systems Analysis	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	0	100
CSAO	CA357	User Interface Design and Implementation	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	0	100
CSAO	CA4007	Computer Graphics and Image Processing	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	70	30
	CA4006	Concurrent and Distributed Programming	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	70	30
	CA670	Concurrent Programming	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	75	25
	CA642	Cryptography & Number Theory	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	75	25
	CA4005	Cryptography and Security Protocols	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	70	30
CSAO	CA4003	Data Analytics and Data Mining	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	75	25
CSAO	CA273A	Data Processing and Visualisation	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	/3	100
	CA4010	Data Warehousing & Data Mining	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	75	

				Module Owner				
Qualification Code	Madula Cada	Module Description	Module Owner Faculty Description	Department	Cradit	Semester	Evam %	Continuous Assessment (CA) %
ECSAO	CA4108	Exploring Innovative & Disruptive Tech	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	0	•
ECSAO	CA648	Formal Programming	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	75	
ECSAO	CA271A	Introduction to Machine Learning	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	,,	100
ECSAO	CA4109	Machine Learning	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	0	
ECSAO	CA684	Machine Learning	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	75	
ECSAO	CA4012	Machine Translation	ENGINEERING AND COMPUTING	COMPUTING	7.5	Semester 2	70	
ECSAO	CA659	Mathematical Methods/Computational Science	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	100	
ECSAO	CA640	Professional & Research Practice	ENGINEERING AND COMPUTING	COMPUTING	7.5	Semester 1	50	
ECSAO	CA4009	Search Technologies	ENGINEERING AND COMPUTING	COMPUTING	7.5	Semester 1	70	
ECSAO	CA650	Software Process Quality	ENGINEERING AND COMPUTING	COMPUTING		Semester 2	75	
ECSAO	CA660	Statistical Data Analysis	ENGINEERING AND COMPUTING	COMPUTING	7.5	Semester 1	75	
ECSAO	CA644	System Software	ENGINEERING AND COMPUTING	COMPUTING		Semester 1	75	25
ECSAO	CA691	Data Governance	ENGINEERING AND COMPUTING	COMPUTING	10	Semester 2	50	
				ELECTRONIC				
ECSAO	EE324	Algorithms for Engineers	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	50	50
				ELECTRONIC				
ECSAO	EE324B	Algorithms for Engineers	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	50	50
				ELECTRONIC				
ECSAO	EE496	Computer Architecture and HDL	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	50	50
				ELECTRONIC				
ECSAO	EE458	Control Systems Analysis	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	85	15
				ELECTRONIC				
ECSAO	EE401	DSP - Digital Filters & DFT	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	80	20
				ELECTRONIC				
ECSAO	EE323	Electromagnetism II	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
				ELECTRONIC				
ECSAO	EE220	Engineering Mathematics IV	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	70	30
				ELECTRONIC				
ECSAO	EM114	Numerical Problem Solving for Engineers	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	0	100
				ELECTRONIC				
ECSAO	EE497	3D Interface Technologies	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	75	25
				ELECTRONIC				
ECSAO	EE459	Mechatronic System Simulation & Control	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	70	30
				ELECTRONIC				
ECSAO	EE454	Optical Communications System Design	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	80	20
				ELECTRONIC				
ECSAO	EE463	Solid State Electr. & Semiconductor Devices	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	0	100
				ELECTRONIC				
ECSAO	EM202	Engineering Mathematics IV	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	70	30
				ELECTRONIC				
ECSAO	EM204	Engineering Mathematics IV	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	70	30

				Module Owner				
				Department			- 01	
Qualification Code	Module Code	Module Description	Module Owner Faculty Description		Credit	Semester	Exam %	Continuous Assessment (CA) %
ECC A O	EN4442	Internal action to Electronics	ENCINEEDING AND COMBUTING	ELECTRONIC		C 1		100
ECSAO	EM113	Introduction to Electronics	ENGINEERING AND COMPUTING	ENGINEERING ELECTRONIC	5	Semester 1	0	100
FCCAO	FF207	Introduction to Systems Signals and Control	ENCINEEDING AND COMPUTING	ENGINEERING		Competer 2	90	20
ECSAO	EE207	Introduction to Systems, Signals and Control	ENGINEERING AND COMPUTING	ELECTRONIC	5	Semester 2	80	20
ECSAO	EE206	Operating Systems	ENGINEERING AND COMPUTING	ENGINEERING		Somostor 2	75	25
ECSAU	EE200	Operating Systems	ENGINEERING AND COMPOTING	ELECTRONIC	3	Semester 2	/3	23
ECSAO	EE419	Power Electronics	ENGINEERING AND COMPUTING	ENGINEERING		Semester 1	75	25
LCSAO	LL419	rower Electronics	ENGINEERING AND COMPONING	ELECTRONIC		Semester 1	/3	23
ECSAO	EM402	4th Year Project-Mechatronics	ENGINEERING AND COMPUTING	ENGINEERING	15	Full Year	0	100
LCSAO	LIVI402	4th real Project-Wechanomics	ENGINEERING AND COMPONING	ELECTRONIC	13	i uli Teal	U	100
ECSAO	EE322	Analogue Circuits & Design	ENGINEERING AND COMPUTING	ENGINEERING		Semester 2	75	25
LCJAO	LLJZZ	Analogue circuits & Design	ENGINEERING AND COMITOTING	ELECTRONIC		Jennester 2	75	23
ECSAO	EE219	C/C++ Programming for Engineers	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	75	25
ECSAO	LLZIS	c/ c · · · rogramming for Engineers	ENGINEERING AND COMI CTING	ELECTRONIC		Jeniester 1	,,	23
ECSAO	EE203	Circuit Analysis Techniques	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
200710	22203	en care / urary sis recrimques	ENGINEERING FILES CONTROLLED	ELECTRONIC		Jennester 1	,	100
ECSAO	EE203B	Circuit Analysis Techniques	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	0	100
200710		en carer maryons recommiques		ELECTRONIC		000010. 2		100
ECSAO	EE317	Computation/Simulation	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	40	60
				ELECTRONIC				
ECSAO	EE224	Data Communications & Networks I	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
				ELECTRONIC				
ECSAO	EE321	Data Communications & Networks II	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	75	25
				ELECTRONIC				
ECSAO	EE201	Digital and Analogue Electronics II	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	75	25
		-		ELECTRONIC				
ECSAO	EE319	Electromechanical Systems	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
		·		ELECTRONIC				
ECSAO	EE202	Embedded Systems	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	75	25
				ELECTRONIC				
ECSAO	EE425	Image Processing & Analysis	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	75	25
				ELECTRONIC				
ECSAO	EE303	Mobile Robotics	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	0	100
				ELECTRONIC				
ECSAO	EE445	Bioelectronics	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	70	30
				ELECTRONIC				
ECSAO	EE544	Computer Vision	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	75	25
				ELECTRONIC				
ECSAO	EE513	Connected Embedded Systems	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	75	25
				ELECTRONIC				
ECSAO	EE508	Device Manufacturing	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	75	25

				Module Owner				
- 1151 11 - 1				Department				
Qualification Code	Module Code	Module Description	Module Owner Faculty Description		Credit	Semester	Exam %	Continuous Assessment (CA) %
ECC A O	EEE3E	Francis Custom Danash anicotics	ENCINEEDING AND COMPLITING	ELECTRONIC	7.5	Compostor 1		100
ECSAO	EE535	Energy System Decarbonisation	ENGINEERING AND COMPUTING	ENGINEERING ELECTRONIC	7.5	Semester 1	0	100
ECCAO.	EE507	Entropropourchin for Engineers	ENCINEEDING AND COMPLITING	ENGINEERING	7.5	Compostor 2	F0	50
ECSAO	EE3U/	Entrepreneurship for Engineers	ENGINEERING AND COMPUTING	ELECTRONIC	7.5	Semester 2	50	30
ECSAO	EE453	Image Processing & Analysis (Plus)	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	75	25
LCSAO	LL433	Image Frocessing & Analysis (Flus)	ENGINEERING AND CONFOTING	ELECTRONIC	7.3	Semester 1	/3	23
ECSAO	EE517	Network Analysis and Dimensioning	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	75	25
LCJAO	LL317	Network Analysis and Dimensioning	ENGINEERING AND COM OTING	ELECTRONIC	7.5	Jennester 2	/3	25
ECSAO	EE562	Network Stack Implementation	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	75	25
LCJAO	LLJUZ	Network Stack implementation	ENGINEERING AND COMI OTING	ELECTRONIC	7.5	Jennester 2	/3	25
ECSAO	EE402	OOP with Embedded Systems	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	75	25
LUSAU	LLTOZ	With Embedded Systems	ENGINEERING AND COMMOTING	ELECTRONIC	7.5	Semester 1	,,	25
ECSAO	EE506	Photonic Devices	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	75	25
LUSAU	LLSGO	Thotome Devices	ENGINEERING AND COMMOTING	ELECTRONIC	7.5	Semester 1	,,	25
ECSAO	EE417	Web Application Development	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	0	100
203710	22.117	Web Application Bevelopment	ENGINEERING / III & CONTINUE	ELECTRONIC	7.5	Semester 2	- J	100
ECSAO	EE417B	Web Application Development	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	0	100
2007.10		Treat application between		ELECTRONIC	7.5	5665(6. 1		100
ECSAO	EE452	Wireless/Mobile Communications	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	50	50
				ELECTRONIC				
ECSAO	EE314	Signals	ENGINEERING AND COMPUTING	ENGINEERING	10	Semester 1	0	100
		3		ELECTRONIC				
ECSAO	EE457	Undergraduate Project Exchange/Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	15	Semester 1	0	100
		, , ,		ELECTRONIC				
ECSAO	EE457	Undergraduate Project Exchange/Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	15	Semester 2	0	100
				ELECTRONIC				
ECSAO	EE223	Digital and Analogue Electronics I	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	75	25
				ELECTRONIC				
ECSAO	EE445	Bioelectronics	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	70	30
				ELECTRONIC				
ECSAO	EE454	Optical Communications System Design	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	80	20
				ELECTRONIC				
ECSAO	EE452	Wireless/Mobile Communications	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	50	50
				ELECTRONIC				
ECSAO	EE457	Undergraduate Project Exchange/Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	15	Semester 1	0	100
				ELECTRONIC				
ECSAO	EE457	Undergraduate Project Exchange/Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	15	Semester 2	0	100
				MECHANICAL				
ECSAO	MM344	Group Project	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
				MECHANICAL				
ECSAO	EM115	Materials Engineering	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100

				Module Owner				
Qualification Code	Modulo Codo	Module Description	Module Owner Faculty Description	Department	Crodit	Semester	Evam %	Continuous Assessment (CA) %
Qualification code	Wiodule Code	Wodule Description	Wioddie Owner Faculty Description	MECHANICAL	Credit	Semester	LAGIII /6	Continuous Assessment (CA) //
ECSAO	MM204	Thermodynamics:Energy	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	50	50
LCJAO	IVIIVIZO4	Thermodynamics.Energy	ENGINEERING AND COMI OTHING	MECHANICAL		Jennester 1	30	30
ECSAO	MM536	Advanced Sustainable Energy Systems	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	0	100
200710	141141330	Advanced Sustainable Energy Systems	ENGINEERING / IND CONTINUE	MECHANICAL	7.5	Semester 2	-	100
ECSAO	MM537	Whole Life Cycle Analysis	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	0	100
				MECHANICAL				
ECSAO	MM413	Biomaterials & Processing Technology	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	70	30
		5 5.		MECHANICAL				
ECSAO	MM228	Biomechanics of Human Movement	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	70	30
				MECHANICAL				
ECSAO	MM382	Data Analytics for Engineers	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	30	70
				MECHANICAL				
ECSAO	MM225	Design and Solid Modelling	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
				MECHANICAL				
ECSAO	MM281	Engineering Computation	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
				MECHANICAL				
ECSAO	EM121	Engineering Mathematics I	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	75	25
				MECHANICAL				
ECSAO	EM122	Engineering Mathematics II	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	75	25
				MECHANICAL				
ECSAO	EM201	Engineering Mathematics III	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100
				MECHANICAL				
ECSAO	MM203	Engineering Mechanics: Dynamics	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	80	20
				MECHANICAL				
ECSAO	EM112	Engineering Mechanics-Statics	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	0	100
				MECHANICAL	_			
ECSAO	MM227	Fluid Mechanics	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	80	20
				MECHANICAL	_			
ECSAO	MM353	Fundamentals of Control	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	80	20
50040	N 4N 42 F 4	Language Common Manusfacturing	ENCINEEDING AND COMPUTING	MECHANICAL	_	C 1 1	00	20
ECSAO	MM354	Lean and 6 Sigma Manufacturing	ENGINEERING AND COMPUTING	ENGINEERING MECHANICAL	5	Semester 1	80	20
ECCAO.	N4N44E2	Manufacturing Automation	ENCINEEDING AND COMPLITING	ENGINEERING	-	Compostor 1	90	20
ECSAO	MM453	Manufacturing Automation	ENGINEERING AND COMPUTING	MECHANICAL	3	Semester 1	80	20
ECSAO	MM252	Manufacturing Processes 1	ENGINEERING AND COMPUTING	ENGINEERING		Semester 1	0	100
LCJAU	IVIIVIZJZ	ivianulactulnig Flocesses 1	LINGINGLINING AND CONIFOTING	MECHANICAL	3	Jennester 1	U	100
ECSAO	MM235	Manufacturing Processes 2	ENGINEERING AND COMPUTING	ENGINEERING	-	Semester 2	80	20
20070	141141233	ividification in the control of the	ENGINEEMING AIND CONFOTING	MECHANICAL		Jennester Z	00	20
ECSAO	MM307	Measurement & Signal Processing	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	80	20
20070	11111307	medada emene de dignal i rocessing	ENGINEERING AND COMITOTING	MECHANICAL		Jeniester I	30	20
ECSAO	MM306	Mechanics of Machines	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	0	100

				Module Owner				
Qualification Code	Modulo Codo	Module Description	Module Owner Faculty Description	Department	Crodit	Semester	Evam %	Continuous Assessment (CA) %
Qualification code	Wiodule Code	Wodule Description	Wioddie Owner Faculty Description	MECHANICAL	Credit	Semester	LAGIII /0	Continuous Assessment (CA) //
ECSAO	MM211	Mechanics of Materials I	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	80	20
ECONO	IVIIVIZII	Wicefianies of Waterials (ENGINEERING AND COM OTHER	MECHANICAL		Scinester 1	- 00	20
ECSAO	MM212	Mechanics of Materials II	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	80	20
200/10	141141212	Wicefiallies of Waterials II	ENGINEERING / III D COIVII O TIIVO	MECHANICAL		Semester 2		20
ECSAO	MM232	Pneumatics and Hydraulics	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	75	25
		,		MECHANICAL				
ECSAO	MM309	Project & Quality Management	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 1	80	20
				MECHANICAL				
ECSAO	MM459	Robotics	ENGINEERING AND COMPUTING	ENGINEERING	5	Semester 2	80	20
				MECHANICAL				
ECSAO	MM524	Advanced FEA	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	60	40
				MECHANICAL				
ECSAO	MM532	Computational Thermo-Fluid Dynamics	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	50	50
				MECHANICAL				
ECSAO	MM451	Design For Manufacture and Assembly	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	80	20
				MECHANICAL				
ECSAO	MM421	Finite Element Analysis	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	60	40
				MECHANICAL				
ECSAO	MM584	Manufacturing Systems Simulation	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	50	50
				MECHANICAL				
ECSAO	MM401	Mechanical Engineering System Simulation	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	60	40
				MECHANICAL				
ECSAO	MM485	Operations Research Methods	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 2	70	30
				MECHANICAL				
ECSAO	MM523	Product Design, Development & Value Analysis	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	80	20
				MECHANICAL				
ECSAO	MM533	Research Practice & Methodology	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	50	50
				MECHANICAL				
ECSAO	MM530	Surface Engineering & Tribology	ENGINEERING AND COMPUTING	ENGINEERING	7.5	Semester 1	80	20
				MECHANICAL				
ECSAO	MM310	Product Design	ENGINEERING AND COMPUTING	ENGINEERING	10	Full Year	0	100
				MECHANICAL				
ECSAO	MM3002	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	15	Semester 1	0	100
50540		Desirant for Such areas / Study Above d	ENGINEERING AND COMPUTATION	MECHANICAL	4-	S2		100
ECSAO	MM3002	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	15	Semester 2	0	100
ECCAO.	NANA2002	Draigat for Evahanga / Study Abused	ENCINEEDING AND COMPUTING	MECHANICAL	30	Full Voor	_	400
ECSAO	MM3003	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING MECHANICAL	30	Full Year	0	100
ECCAO	N4N42002	Draiget for Evelopes / Study Abroad	ENCINEEDING AND COMPLETING		30	Competer 1	0	100
ECSAO	MM3003	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING MECHANICAL	30	Semester 1	0	100
ECCAO	N4N42002	Draiget for Evelopes / Study Abroad	ENCINEEDING AND COMPLETING		30	Competer 2	_	100
ECSAO	MM3003	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	30	Semester 2	0	100

				Module Owner				
				Department				
Qualification Code	Module Code	Module Description	Module Owner Faculty Description	•	Credit S	emester	Exam %	Continuous Assessment (CA) %
				MECHANICAL				
ECSAO	MM409	Adv Eng Materials & Manufacturing Processes	ENGINEERING AND COMPUTING	ENGINEERING	5 <mark>S</mark>	emester 1	60	40
				MECHANICAL				
ECSAO	MM382B	Data Analytics for Engineers	ENGINEERING AND COMPUTING	ENGINEERING	5 S	emester 2	0	100
				MECHANICAL				
ECSAO	MM498	Rehabilitation Engineering	ENGINEERING AND COMPUTING	ENGINEERING	5 S	emester 2	70	30
				MECHANICAL				
ECSAO	MM499	Surgical Device Technology	ENGINEERING AND COMPUTING	ENGINEERING	5 S	emester 2	70	30
				MECHANICAL				
ECSAO	MM535	Energy Auditing and Energy Management	ENGINEERING AND COMPUTING	ENGINEERING	7.5 <mark>S</mark>	emester 1	50	50
				MECHANICAL				
ECSAO	MM432	Heat and Mass Transfer	ENGINEERING AND COMPUTING	ENGINEERING	7.5 <mark>S</mark>	emester 1	70	30
				MECHANICAL				
ECSAO	MM555	Manufacturing Process Analysis & Tool Design	ENGINEERING AND COMPUTING	ENGINEERING	7.5 S	emester 2	80	20
				MECHANICAL				
ECSAO	MM538	Turbomachinery	ENGINEERING AND COMPUTING	ENGINEERING	7.5 S	emester 2	50	50
				MECHANICAL				
ECSAO	MM400	4th Year Project	ENGINEERING AND COMPUTING	ENGINEERING	15 F	ull Year	0	100
				MECHANICAL				
ECSAO	MM536	Advanced Sustainable Energy Systems	ENGINEERING AND COMPUTING	ENGINEERING	7.5 S	emester 2	0	100
				MECHANICAL				
ECSAO	MM555	Manufacturing Process Analysis & Tool Design	ENGINEERING AND COMPUTING	ENGINEERING	7.5 S	emester 2	80	20
				MECHANICAL				
ECSAO	MM537	Whole Life Cycle Analysis	ENGINEERING AND COMPUTING	ENGINEERING	7.5 S	emester 2	0	100
				MECHANICAL				
ECSAO	MM3003	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	30 F	ull Year	0	100
				MECHANICAL				
ECSAO	MM3003	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	30 <mark>S</mark>	emester 1	0	100
				MECHANICAL				
ECSAO	MM3003	Project for Exchange / Study Abroad	ENGINEERING AND COMPUTING	ENGINEERING	30 S	emester 2	0	100