Campus:	Main Campus
Faculty:	Faculty of Mechanical Engienering
Department:	Dept. of Industrial and Manufacturing Engineering

		Courses and SDGs mapping																		
				SDG 1		SDG 3		SDG 5			SDG 8		SDG 10	SDG 11	SDG 12	SDG 13		SDG 15	SDG 16	SDG 17
				No	Zero	Good	Quality	Gender	Clean	Affordable	Decent	Industry,	Reduced	Sustainable	Responsible	Climate	Life	Life on	Peace &	Partnerships
	Sr#	Code	Course	Poverty	Hunger	Health	Education	Equality	Water and	and Clean	Work and	Innovation and	Inequality	Cities and	Consumption	Action	Below	Land	Justice	to achieve
						and Well- being			Sanitation	Energy	Economic Growth	Infrastructure		Communities	and Production		Water		Strong Institutions	SDGs
						Dellig					drowar								maticutions	
	1	EE-199	Basic Electrical and Electronics Engineering							✓		✓		✓	✓					
	2	MA-111	Applied Mathematics I									<b>✓</b>								
1st	3	IME-111	Industrial Materials									<b>✓</b>			✓					
Semester	4	CY-181	Industrial Chemistry I						<b>✓</b>		<b>✓</b>	✓								
	5	ME-100-L	Workshop Practice								✓	✓								
	6	IME-131	Engineering Mechanics									✓								
	7	IS-101	Islamic & Pak. Studies I					<b>√</b>					<b>✓</b>						✓	
	8	MA-112	Applied Mathematics II									<b>✓</b>								
	9	IME-121	Manufacturing Processes I									✓			✓					
2nd	10	IME-161	Engineering Drawing and Graphics									✓								
Semester	11	CS-103	Introduction to Computer Programming for Data Science								<b>√</b>	<b>✓</b>								
	12	HU-111L	Communication Skill				<b>/</b>													
	13	HU-003	International Language				<b>√</b>						<b>✓</b>							
	14	QT-101	Translation of Holy Quran I					<b>√</b>					<b>✓</b>						✓	
	15	EE-215	Basic Industrial Electronics							✓		✓		✓	✓					
	16	IME-232	Mechanics of Materials									✓			✓					
3rd	17	IME-241	Thermo-Fluids							✓		✓			✓					
Semester	18	IME-251	Social and Ethical Aspects in Engineering			/	/	/					/						1	
	19	IME-252	Industrial Safety and Environment			,	·	•			/		•			/			•	
	20	IME-233	Mechanics of Machines			•					•	,			/	Ť				
	21	IS-201	Islamic & Pak. Studies II					✓					✓						<b>✓</b>	
	22	MA-244	Probability and Statistics									/								
4th	23	IME-222	Manufacturing Processes II									✓			✓					
Semester	24	IME-262	Machine Design and CAD									✓			✓					
	25	HU-221	Technical writing and presentation skills				/													
	26	QT-201	Translation of Holy Quran II					✓					✓						✓	
	27	IME-363	Instrumentation and Control									✓			✓					
	28	MA-345	Numerical Methods in Computing									/								
5th Semester	29	CS-384	Introduction to Data Science								1	1								
	30	IME-353	Human Factor Engineering			1					1	1								
	31	IME-371	Engineering Economics												1					
	32	IME-354	Production Planning & Control								1				1					
	33	IME-364	CAD/CAM									/			1					
6th	34	IME-381	Metrology and Quality Control									✓			✓					
Semester	35	IME-372	Optimization Techniques for Engineers									1			1					
	36	MGT-317	Project Management in Engineering									1			1					/
	37	QT-301	Translation of Holy Quran III					✓					✓						✓	
	38	IME-XXX	Elective I																	
7th	39	IME-465	Production Tooling Design									✓			✓					
1			•	-			-				-						-			

Semester	40	MCT-434	Industrial Automation									✓								
	41	IME-XXX	Elective II																	
8th Semester	43	IME-XXX	Elective III																	
	44	IME-XXX	Elective IV																	
	45	IME-455	Production and Operations Management								✓		✓		✓					✓
	46	IME-456	Total Quality Management								✓	✓			✓					
	47	IME-402L	*Project	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>	✓	✓	✓	✓
	48	QT-401	Translation of Holy Quran IV					✓					✓						✓	
			Elective Subjects																	
	49	IME-423	CIM and Industry 4.0								1	/			1					
	50	IME-424	Concurrent Engineering									/			1					/
	51	IME-425	Sustainable Manufacturing									/			1					
	52	IME-426	Special Topics in Manufatucring Engineering									/			1					
	53	IME-457	Plant Maintenance								1	/			1					
	54	IME-458	Human Resource Management			/		/			1		1						/	/
	55	IME-459	Logistics and Supply Chain Management								/	/			1					1
	56	IME-466	Finite Element Analysis									/			/					
	57	IME-473	Artificial Intelligence								/	/								
	58	IME-491	Sales and Marketing								/									
	59	IME-492	Lean Manufacturing and Six Sigma								1	/			/					
	60	IME-493	Research Methodology				1					/								1
	61	IME-494	Business Process Simulation								1									
	62	IME-495	Entrepreneurship	✓							✓	✓								

<sup>\*</sup>Project has been mapped with all SDGs as the scope of the project could incorporate respective SDGs depending upon the topic and is not fixed. It may vary from project to project