

SCHEME OF STUDIES BATCH - III

BACHELOR OF MECHANICAL ENGINEERING TECHNOLOGY Offered (2018) Semester

Course Code	Course Title	Credit Hours	
		Theory	Practical
Semester – I			
MH-112	Islamic Studies/Professional Ethics	2	0
MS-113	Applied Physics	2	1
MS-123	Applied Mathematics-I	3	0
MS-133	Applied Chemistry	2	1
MS-143	Introduction to Computer Fundamentals	1	2
MT-124	Technical Drawing & CAD-1	2	2
Sub-tot		12	6
Total		18	
Semester – II			
MH-213	Communication Skills	3	0
MT-213	CAD-II	0	3
MS-153	Applied Mathematics-II	3	0
MT-273	Engineering Statics	2	1
MT-144	Basic Electrical and Electronics	2	2
MT-113	Workshop Technology	1	2
Sub-tot		11	8
Total		19	
Semester – III			
MH-122	Pakistan Studies	2	0
MT-233	Mechanics of Materials	2	1
MT-253	Machine Design	3	0
MT-134	Applied Thermodynamics-I	2	2
MS-213	Probability and Statistics	3	0
MH-223	Technical Report Writing	3	0
Sub-tot		15	3
Total		18	
Semester – IV			
MM-313	Project Management	3	0
MT-343	Manufacturing Processing	2	1
MT-223	Industrial Material	2	1
MH-312	Economics	2	0
MT-333	Dynamics	2	1
MT-243	Applied Thermodynamics-II	2	1
Sub-tot		13	4
Total		17	
Semester – V			
MT-264	Fluid Mechanics	2	2

MM-212	Total Quality Management	2	0
MT-313	Heat Transfer	2	1
MT-353	Instrumentation and Control	2	1
MT-373	Refrigeration and Air Conditioning	2	1
Sub-tot		10	5
Total		15	
Semester – VI			
MT-384	Material Handling & Safety	3	1
MT-363	Mechanical Vibration	2	1
MT-324	IC Engine	2	2
MT-393	Project	0	3
Sub-tot		7	7
Total		14	
Semester – VI Summer			
MT-3103	Project (Continue)	0	3
Sub-tot		0	3
Total		3	
Semester – VII			
MT-4116	16 Weeks Supervised Industrial/Field Training	0	16
Sub-tot		0	16
Total		16	
Semester – VIII			
MT-4216	16 Weeks Supervised Industrial/Field Training	0	16
Sub-tot		0	16
Total		16	
Grand Total		136	