UNIVERSITY OF THE PUNJAB

Faculty of Chemical and Materials Engineering

Institute of Metallurgy & Materials Engineering

B.Sc. (Engg.) Metallurgy and Materials Engineering

RESULT CARD

Student Name: **Farrukh Mahboob** Roll No.: **21MME-S1-303** Session: **Batch 2021-2025**

Father's Name: **Mahboob Ellahi** Reg. No.: **2021-MME-3**

Course Code	Course Title	CH	G.P	Grade	Total	Obtd.	Obt %
First Semester - Fall 2021							
HUM 111	Functional English	3	3.30	B+	300	234	78
NSC 112	Applied Chemistry	3	4.00	A	300	255	85
NS 123L	Applied Chemistry (Lab)	1	4.00	A	100	91	91
NSC 113	Engineering Mathematics-I	3	4.00	A	300	255	85
CSC 114	Computer Science and Information Technology	2	4.00	A	200	188	94
CSC 114L	Computer Science and Information Technology (Lab)	1	3.70	A-	100	82	82
MME 115N	Fundamentals of Metallurgy and Materials Engineering	3	3.70	A-	300	243	81
HUM 116	Islamic Studies	2	3.30	B+	200	156	78
CH: **18** CCH: **18** Marks: **1504** PM: **83.56%** GPA: **3.74** CGPA: **3.74**							
Second Semester - Spring 2022							
MME 121L	Engineering Drawing	1	3.00	B	100	70	70
MME 122L	Workshop Practice	1	4.00	A	100	85	85
MIN 123	Mineral Processing	2	3.70	A-	200	166	83
MIN 123L	Mineral Processing (Lab)	1	3.70	A-	100	81	81
NSC 124N	Engineering Mathematics-II	3	4.00	A	300	261	87
NSC 125	Applied Physics	3	3.30	B+	300	228	76
NSC 125L	Applied Physics (Lab)	1	3.70	A-	100	81	81
HUM 126	Pakistan Studies	2	4.00	A	200	172	86
HUM 127	The Holy Quran Translation	1	3.00	B	100	70	70
CH: **15** CCH: **33** Marks: **1214** PM: **80.93%** GPA: **3.65** CGPA: **3.70**							
Third Semester - Fall 2022							
HUM 211	Communication skills	2	3.30	B+	200	150	75
MME 212	Physical Metallurgy	3	4.00	A	300	258	86
MME 212L	Physical Metallurgy (Lab)	1	2.70	B-	100	65	65
MME 213	Ceramics Science and Engineering	3	4.00	A	300	255	85
MME 213L	Ceramics Science and Engineering (Lab)	1	4.00	A	100	85	85
MME 214N	Engineering Mechanics	3	4.00	A	300	258	86
MSC 215	Industrial Safety and Environmental Management	3	3.00	B	300	210	70
CH: **16** CCH: **49** Marks: **1281** PM: **80.06%** GPA: **3.64** CGPA: **3.68**							
Fourth Semester - Spring 2023							
MME 221	Mechanical Behavior of Engineering Materials	3	2.70	B-	300	201	67
MME 221L	Mechanical Behavior of Engineering Materials (Lab)	1	2.30	C+	100	62	62
MME 222N	Polymer Science and Engineering	3	2.70	B-	300	204	68
MME 223N	Materials Thermodynamics and Kinetics	3	3.70	A-	300	240	80
MME 224N	Foundry Engineering-I	2	3.70	A-	200	162	81
MME 224NL	Foundry Engineering-I (Lab)	1	3.70	A-	100	83	83
CSC 225L	Computer Aided Design (Lab)	1	3.70	A-	100	84	84
CSC 226L	MATLAB and SIMULINK (Lab)	1	3.70	A-	100	80	80
HUM 227	Technical Writing	2	4.00	A	200	170	85
HUM 228	The Holy Quran Translation	1	2.70	B-	100	67	67
CH: **18** CCH: **67** Marks: **1353** PM: **75.17%** GPA: **3.27** CGPA: **3.57**							

Course Code	Course Title	CH	G.P	Grade	Total	Obtd.	Obt %
Fifth Semester - Fall 2023							
MME 311N	Iron Manufacturing Technology	2	4.00	A	200	172	86
MME 312N	Foundry Engineering-II	3	2.70	B-	300	198	66
MME 312NL	Foundry Engineering-II Lab	1	3.70	A-	100	80	80
MME 313LN	Heat Treatment of Metals and Alloys (Lab)	1	4.00	A	100	85	85
MME 313N	Heat Treatment of Metals and Alloys	3	3.70	A-	300	240	80
MME 314N	Transport Processes	3	3.30	B+	300	228	76
MME 315N	Metallurgical Manufacturing Processes	3	3.70	A-	300	243	81
HUM 316	Critical Thinking and Reasoning	2	3.30	B+	200	152	76
CH: **18** CCH: **85** Marks: **1398** PM: **77.67%** GPA: **3.47** CGPA: **3.55**							
Sixth Semester - Spring 2024							
MME 321	Corrosion Engineering	3	2.70	B-	300	195	65
MME 321L	Corrosion Engineering (Lab)	1	2.30	C+	100	61	61
MME 322	Welding and Joining Processes	3	4.00	A	300	255	85
MME 322L	Welding and Joining Processes (Lab)	1	3.00	B	100	72	72
MME 323N	Steel Manufacturing Processes	3	3.70	A-	300	240	80
MME 324N	Composite Materials	2	3.30	B+	200	152	76
MME 325L	Polymeric and Composite Materials (Lab)	1	3.70	A-	100	80	80
CSC 326	Computational Materials Science	2	3.70	A-	200	160	80
CSC 327L	Computer Applications in Materials Engineering (Lab)	1	3.30	B+	100	75	75
HUM 328	The Holy Quran Translation	1	4.00	A	100	85	85
CH: **18** CCH: **103** Marks: **1375** PM: **76.39%** GPA: **3.42** CGPA: **3.53**							
Seventh Semester - Fall 2024							
MME 411	Tribology and Surface Engineering	3	4.00	A	300	267	89
MME 411L	Tribology and Surface Engineering (Lab)	1	3.00	B	100	73	73
MME 412N	Materials Characterization	2	2.00	C	200	116	58
MME 412NL	Materials Characterization (Lab)	1	2.00	C	100	59	59
MME 413N	Non-Ferrous Metallurgy	3	3.00	B	300	213	71
MME 414B	Nanomaterials and Nanotechnology	2	3.30	B+	200	152	76
MSC 415N	Industrial Quality Management	3	3.30	B+	300	231	77
MME 416N	Design Project-I	3	4.00	A	300	264	88
CH: **18** CCH: **121** Marks: **1375** PM: **76.39%** GPA: **3.25** CGPA: **3.48**							
Eighth Semester - Spring 2025							
MME 421	Powder Metallurgy	2	4.00	A	200	170	85
MSC 422	Production and Operations Management	3	2.70	B-	300	198	66
MME 422A	Advanced Metallic Materials	2	3.70	A-	200	160	80
MSC 423	Entrepreneurship	2	3.00	B	200	142	71
HUM 424	Industrial Psychology and Sociology	2	3.00	B	200	142	71
MME 425	Design Project - II	3	4.00	A	300	264	88
HUM 426	The Holy Quran Translation	1	4.00	A	100	85	85
CH: **15** CCH: **136** Marks: **1161** PM: **77.40%** GPA: **3.43** CGPA: **3.48**							

Total Credit Hours	**136**
Cumulative Grade Point Average (CGPA)	**3.48**
Overall Percentage Marks (OPM)	**78.39 %**
Obtained Marks	**10661**
Total Marks	**13600**

****** END OF TRANSCRIPT ******

Attainment of PLOs

PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12
79 %	**81 %**	**78 %**	**79 %**	**82 %**	**84 %**	**71 %**	**82 %**	**79 %**	**76 %**	**73 %**	**84 %**

The expatiation of Program Learning Outcomes (PLO) and Grading System is printed overleaf.