SCHEME OF STUDIES
METALLURGICAL ENGINEERING

Batch 2016-17

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 17-18	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 Pakistan Studies OR	2	0	2	2	0	2
	HS-127 Pakistan Studies (for Foreigners)						
	HS-220 Chinese Language-I				NC		

Batch 2017

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 17-18	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 Pakistan Studies OR	2	0	2	2	0	2
	HS-127 Pakistan Studies (for Foreigners)						
	HS-220 Chinese Language-I				NC		

Batch 2018

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2018	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 Pakistan Studies OR	2	0	2	2	0	2
	HS-127 Pakistan Studies (for Foreigners)						
	HS-220 Chinese Language-I				NC		

Batch 2019

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2018	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 Pakistan Studies OR	2	0	2	2	0	2
	HS-127 Pakistan Studies (for Foreigners)						
	HS-220 Chinese Language-I				NC		

Batch 2020

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2019	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 Pakistan Studies OR	2	0	2	2	0	2
	HS-127 Pakistan Studies (for Foreigners)						
	HS-220 Chinese Language-I				NC		

Batch 2021

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2020	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 Pakistan Studies OR	2	0	2	2	0	2
	HS-127 Pakistan Studies (for Foreigners)						
	HS-220 Community Service				NC		

Batch 2022

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2021	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 Pakistan Studies OR	2	0	2	2	0	2
	HS-127 Pakistan Studies (for Foreigners)						
	HS-220 Community Service				NC		

Batch 2023

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2022	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	HS-111 Functional English	3	0	3	3	0	3
	****EA-111 Functional English**				**2**	**0**	**2**
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 **Pakistan Studies OR**				2	0	2
	****ES-127 Pakistan Studies (for Foreigners)**						

* Under Section 26(iv) Office Order Acad/412/18/1691

** Under Section 26(iv) Office Order Acad/412/18/1689 and BOF/CFE/-28.4

Batch 2024

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2023	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	EA-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 **Pakistan Studies OR**				2	0	2
	ES-127 Pakistan Studies (for Foreigners)						

* Under Section 26(iv) Office Order Acad/412/18/1691

** Under Section 26(iv) Office Order Acad/412/18/1689

Batch 2025

FIRST YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2024	MY-101 Introduction to Metallurgical Engg.	3	0	3	3	0	3
	EA-111 Functional English	3	0	3	3	0	3
	PH-122 Applied Physics	3	0	3	3	0	3
	ME-111 Engineering Drawing	2	3	0	3	1	0
	ME-116 Workshop Practice	0	2	0	1	1	0
	EE-116 Principles of Electrical Engineering	3	1	4	3	1	4
	ME-101 Engineering Mechanics	3	1	4	3	1	4
	CY-106 Applied Chemistry	3	1	4	3	1	4
	ME-104 Workshop Practice	0	2	0	1	1	0
	HS-106 **Pakistan Studies OR**				2	0	2
	ES-127 Pakistan Studies (for Foreigners)						
	SPRING 2026						
	CY-100 Fundamentals of Chemistry				NC		
	EA-128 Functional English	3	0	3	3	0	3
	ES-105 Pakistan Studies OR	2	0	2	2	0	2
	ES-126 Pakistan Studies (for Foreigners)	2	0	2	2	0	2
	AU-112 Engineering Drawing and Computer Graphics	2	1	3			
	PF-101 IT Fundamentals and Application	2	1	3			
	ES-206 Islamic Studies OR	2	0	2			
	ES-208 Ethical Behavior	2	0	2			
	MT-221 Linear Algebra & Ordinary Differential Equations	3	0	3			

Changed with vide Resolution No. AC-168.6(II)

Batch 2016-17

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 17-18	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	MT-251 Furnances and Refractories	3	1	4	3	1	4
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	MM-208 Mineral Processing	2	1	3	2	1	3
	HS-205 Islamic Studies OR	2	0	2	2	0	2
	HS-209 Ethical Behavior						
	HS-221 Chinese Language-I				NC		
	MT-201 Iron Making Processes	2	1	3	2	1	3
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-211 Metallurgical Thermodynamics and Kinetics	3	0	3	3	0	3

Batch 2017

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2018	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	MT-251 Furnances and Refractories	3	1	4	3	1	4
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	MM-208 Mineral Processing	2	1	3	2	1	3
	HS-205 Islamic Studies OR	2	0	2	2	0	2
	HS-209 Ethical Behavior						
	HS-221 Chinese Language-I				NC		
	MT-201 Iron Making Processes	2	1	3	2	1	3
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	MT-211 Metallurgical Thermodynamics and Kinetics	3	0	3	3	0	3

Batch 2018

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2019	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	MT-251 Furnances and Refractories	3	1	4	3	1	4
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	MM-208 Mineral Processing	2	1	3	2	1	3
	HS-205 Islamic Studies OR	2	0	2	2	0	2
	HS-209 Ethical Behavior						
	HS-221 Chinese Language-I				NC		
	MT-201 Iron Making Processes	2	1	3	2	1	3
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	MT-211 Metallurgical Thermodynamics and Kinetics	3	0	3	3	0	3

Batch 2019

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2019	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	MT-251 Furnances and Refractories	3	1	4	3	1	4
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	MM-208 Mineral Processing	2	1	3	2	1	3
	HS-205 Islamic Studies OR	2	0	2	2	0	2
	HS-209 Ethical Behavior						
	HS-221 Chinese Language-I				NC		
	MT-201 Iron Making Processes	2	1	3	2	1	3
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	MT-211 Metallurgical Thermodynamics and Kinetics	3	0	3	3	0	3

Batch 2020

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2020	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	Metallurgical Thermodynamics and Kinetics						
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	MM-208 Mineral Processing	2	1	3	2	1	3
	HS-205 Islamic Studies OR	2	0	2	2	0	2
	HS-209 Ethical Behavior						
	HS-221 Chinese Language-I				NC		
	MT-201 Iron Making Processes	2	1	3	2	1	3
	Mineral Processing						
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	***MT-208 Furnances and Refractories**				3	1	4

* Changed vide Resolution No.AC-161.4(I)

Batch 2021

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2020	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	Metallurgical Thermodynamics and Kinetics						
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	EE-221 Instrumentation	2	1	3	2	1	3
	HS-205 Islamic Studies OR	2	0	2	2	0	2
	HS-209 Ethical Behavior						
	HS-221 Chinese Language-I				NC		
	MT-201 Iron Making Processes	2	1	3	2	1	3
	Mineral Processing						
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	***MT-208 Furnances and Refractories**				3	1	4

* Changed vide Resolution No.AC-161.4(I)

Batch 2022

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2021	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	Metallurgical Thermodynamics and Kinetics						
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	EE-221 Instrumentation	2	1	3	2	1	3
	***ES-209 Islamic Studies OR**				**2**	**0**	**2**
	****ES-205 Ethical Behavior**						
	MT-210 Iron Making Processes	2	0	2	2	0	2
	MT-201 Mineral Processing	2	1	3	2	1	3
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	HS-206 Furnances and Refractories	3	1	4	3	1	4
	HS-200 Community Service				NC		

* Under Section 26(iv) Office Order Acad/412/18/1691

** Under Section 26(iv) Office Order Acad/412/18/1689

Batch 2023

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2022	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	MT-251 Metallurgical Thermodynamics and Kinetics	3	1	4	3	1	4
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	EE-221 Instrumentation	2	1	3	2	1	3
	ES-209 Islamic Studies OR	2	0	2	2	0	2
	ES-208 Ethical Behavior						
	MT-210 Iron Making Processes	2	0	2	2	0	2
	MT-201 Mineral Processing	2	1	3	2	1	3
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	MT-206 Furnances and Refractories	3	1	4	3	1	4
	EA-200 Community Service				NC		

* Under Section 26(iv) Office Order Acad/412/18/1691

** Under Section 26(iv) Office Order Acad/412/18/1689

Batch 2024

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2023	MT-215 Differential Equation and Complex Variable	3	0	3	3	0	3
	MT-251 Metallurgical Thermodynamics and Kinetics	3	1	4	3	1	4
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	EE-221 Instrumentation	2	1	3	2	1	3
	ES-209 Islamic Studies OR	2	0	2	2	0	2
	ES-208 Ethical Behavior						
	MT-210 Iron Making Processes	2	0	2	2	0	2
	MT-201 Mineral Processing	2	1	3	2	1	3
	MT-207 Computer Programming and Drafting	2	1	3	2	1	3
	MM-207 Mechanical Behaviour of Material	2	1	3	2	1	3
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	MT-206 Furnances and Refractories	3	1	4	3	1	4
	EA-200 Community Service				NC		

* Changed vide Resolution No.AC-164.5(xx)

Batch 2025

SECOND YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2025	MT-441 Advanced Mathematical Technique	3	0	3	3	0	3
	MT-251 Metallurgical Thermodynamics and Kinetics	3	1	4	3	1	4
	MM-201 Physical Metallurgy	3	1	4	3	1	4
	EE-221 Instrumentation and Control	2	1	3	2	1	3
	PF-201 Civics and Community Engagement	2	0	2	2	0	2
	ME-206 Workshop Practice	0	1	1	1	1	0
	MT-207 Mechanical Behavior of Materials	2	1	3	2	1	3
	MT-210 Iron Making Processes	2	0	2	2	0	2
	MT-208 Hydrometallurgy and Electrometallurgy	2	1	3	2	1	3
	MT-214 Instrumentation and Graphic Processes	3	1	4	3	1	4
	MT-209 Metal Forming and Shaping Processes	2	1	3	2	1	3
	MT-331 Probability and Statistics	3	0	3	3	0	3
	MT-208 Mineral Processing	2	1	3	2	1	3
	PF-205 Community Service				NC		

Changed with vide Resolution No. AC-168.6(II)

Batch 2016-17

THIRD YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
FALL 2018	MM-303 Inspection and Testing of Materials	3	1	4	3	1	4
	MT-307 Polymer & Composite Materials	2	1	3	2	1	3
	MT-315 Mathematical Methods	3	0	3	3	0	3
	MT-305 Steel Making Processes	2	0	2	2	0	2
	MT-303 Foundry: Principles, Methods and Practice	3	1	4	3	1	4
	MT-304 Metallurgy of Welding	2	1	3	2	1	3
	MT-310 Non-Ferrous Extractive Metallurgy	3	0	3	3	0	3
	HS-304 Business Communication and Ethics	3	1	4	3	1	4
	MM-304 Heat Treatment of Materials	3	1	4	3	1	4
	PF-303 Applied Economics for Engineers	3	0	3	3	0	3

Batch 2017

THIRD YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2019	MM-303 Inspection and Testing of Materials	3	1	4	3	1	4
	MT-307 Polymer & Composite Materials	2	1	3	2	1	3
	MT-315 Mathematical Methods	3	0	3	3	0	3
	MT-305 Steel Making Processes	2	0	2	2	0	2
	MT-303 Foundry: Principles, Methods and Practice	3	1	4	3	1	4
	MT-304 Metallurgy of Welding	2	1	3	2	1	3
	MT-310 Non-Ferrous Extractive Metallurgy	3	0	3	3	0	3
	HS-304 Business Communication and Ethics	3	1	4	3	1	4
	MM-304 Heat Treatment of Materials	3	1	4	3	1	4
	PF-303 Applied Economics for Engineers	3	0	3	3	0	3

Batch 2018

THIRD YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2020	MM-303 Inspection and Testing of Materials	3	1	4	3	1	4
	MT-307 Polymer & Composite Materials	2	1	3	2	1	3
	MT-315 Mathematical Methods	3	0	3	3	0	3
	MT-305 Steel Making Processes	2	0	2	2	0	2
	MT-303 Foundry: Principles, Methods and Practice	3	1	4	3	1	4
	MT-304 Metallurgy of Welding	2	1	3	2	1	3
	MT-310 Non-Ferrous Extractive Metallurgy	3	0	3	3	0	3
	HS-304 Business Communication and Ethics	3	1	4	3	1	4
	MM-304 Heat Treatment of Materials	3	1	4	3	1	4
	PF-303 Applied Economics for Engineers	3	0	3	3	0	3

Batch 2019

THIRD YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2020	MM-303 Inspection and Testing of Materials	3	1	4	3	1	4
	MT-307 Polymer & Composite Materials	2	1	3	2	1	3
	MT-315 Mathematical Methods	3	0	3	3	0	3
	MT-305 Steel Making Processes	2	0	2	2	0	2
	MT-303 Foundry: Principles, Methods and Practice	3	1	4	3	1	4
	MT-304 Metallurgy of Welding	2	1	3	2	1	3
	MT-310 Non-Ferrous Extractive Metallurgy	3	0	3	3	0	3
	HS-304 Business Communication and Ethics	3	1	4	3	1	4
	MM-304 Heat Treatment of Materials	3	1	4	3	1	4
	PF-303 Applied Economics for Engineers	3	0	3	3	0	3

Batch 2020

THIRD YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2022	MM-303 Inspection and Testing of Materials	3	1	4	3	1	4
	MT-315 Mathematical Methods	3	0	3	3	0	3
	MT-303 Foundry: Principles, Methods and Practice	3	1	4	3	1	4
	***MG-481 Entrepreneurship**	**3**	**0**	**3**			
	MT-304 Metallurgy of Welding	2	1	3	2	1	3
	MT-310 Non-Ferrous Extractive Metallurgy	3	0	3	3	0	3
	HS-304 Business Communication and Ethics	3	1	4	3	1	4
	MM-304 Heat Treatment of Materials	3	1	4	3	1	4
	PF-303 Applied Economics for Engineers	3	0	3	3	0	3
	***MT-309 Steel Making Processes**				2	0	2

* Changed vide Resolution No.AC-161.3(ii)

Batch 2021

THIRD YEAR ——— SEMESTER SYSTEM

Course Code	Course Title	Cod Hrs Th	Pr	T	Cod Cre Th	Pr	T
	Metallurgical Engineering						
SPRING 2023	MM-303 Inspection and Testing of Materials	3	1	4	3	1	4
	MT-307 Polymer & Composite Materials	2	1	3	2	1	3
	MT-315 Mathematical Methods	3	0	3	3	0	3
	M