

TRG PROGRAM - PG COURSES FALL SEMESTER - 2025

Course: **MS Entry- 2024 & 2025 (EE)**

Duration: **08 Sep 2025 to 04 Jan 2026**

Discipline: **Electrical Engineering**

No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Qasim Umar Khan	SE-807	Machine Learning	Elective	Lec
Tue	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Ahmad Rauf Subhani	CS-867	Computer Vision	Elective	Lec
Wed	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Shahzad Amin Sheikh	EE-891	Stochastic System	Core	Lec
	CRE-11 (Trg Block-I)	1800-2000	3	Dr. Qasim Umar Khan	EE-844	Antenna & Wave Propagation	Elective	Lec
Thu	CRE-11 (Trg Block-I)	1800-2000	3	Dr. Fahad Mumtaz Malik	EE-869	Linear System Theory	Core	Lec
Fri	CRE-11 (Trg Block-I)	1800-2000	2	Dr. Atif Qayyum	RM-898	Research Methodology	Additional	Lec

Summary

1. Dr. Qasim Umar Khan 3
2. Dr. Ahmad Rauf Subhani 3
3. Dr. Shahzad Amin Sheikh 3
4. Dr. Qasim Umar Khan 3
5. Dr. Fahad Mumtaz Malik 3
6. Dr. Atif Qayyum 2

TRG PROGRAM - PG COURSES FALL SEMESTER 2025

Course: **MS Entry- 2024 & 2025 (ME)**

Duration: **08 Sep 2025 to 04 Jan 2026**

Discipline: **Mechanical Engineering**

No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRM-3	1800-2100	3	Dr. Syed Haris Iftikhar	ME-802	Finite Element Methods	Core	Lec
Tue	CRM-3	1800-2100	3	Dr. Usama Bin Perwez/ Dr. Muhammad Shoaib Ahmed Khan	ENV-804	Energy & Environment	Elective	Lec
Wed	CRM-3	1800-2100	3	Dr. Aamer Ahmed Baqai	ME-801	Optimization of Engineering Systems	Elective	Lec
Thu	CRM-3	1800-2100	3	Dr. Imran Shafi	ME-847	AI for Mechanical Engineering	Elective	Lec
Fri	CRM-3	1800-2100	3	Dr. Aamer Ahmed Baqai	ME-853	Manufacturing System Design and Management	Elective	Lec

Summary

1. Dr. Syed Haris Iftikhar 3
2. Dr. Usama Bin Perwez/ Dr. Muhammad
Shoaib Ahmed Khan 3
3. Dr. Aamer Ahmed Baqai 3
4. Dr. Imran Shafi 3
5. Dr. Aamer Ahmed Baqai 3

TRG PROGRAM - PG COURSES SPRING SEMESTER 2025

ESG-6-QSF-C02
Semester 1st & 3rd

Course: **MS Entry- 2024 & 2025 (CE)**

Duration: **08 Sep 2025 to 04 Jan 2026**

Discipline: **Computer Engineering**

No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRC - 11 (Trg Block - II)	1800 - 2100	3	Dr M Usman Akram	EC-835	Digital Image Processing	Elective	Lec
Tue	CRC - 11 (Trg Block - II)	1800 - 2100	3	Dr Haroon Waris(TVF)	EC-820	Adv Computer Architecture	Core	Lec
Wed	CRC - 11 (Trg Block - II)	1800 - 2100	3	Dr Kiran Khursheed	EC-866	Adv Digital Signal Processing	Core	Lec

Summary

1. Dr M Usman Akram 3
2. Dr Haroon Waris(TVF) 3
3. Dr Kiran Khursheed 3

TRG PROGRAM - PG COURSES FALL SEMESTER 2025

ESG-6-QSF-C02
Semester 1st & 3rd

Course: **MS Entry- 2024 & 2025 (SE)**

Duration: **08 Sep 2025 to 04 Jan 2026**

Discipline: **Software Engineering**

No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRC - 11 (Trg Block - II)	1800 - 2100	3	Dr M Usman Akram	EC-835	Digital Image Processing	Elective	Lec
Tue	CRC - 15 (Trg Block - II)	1800 - 2100	3	Dr Farooque Azam	SE-861	Software Sys Design & Architecture	Core	Lec
Wed	CRC - 15 (Trg Block - II)	1800 - 2100	3	Dr Wasi Haider Butt	SE-862	Software Req Engineering	Core	Lec
Fri	CRC - 15 (Trg Block - II)	1800 - 2100	3	Dr Mehwish Naseer	SE-868	Software Project Management	Elective	Lec

Summary

1. Dr M Usman Akram 3
2. Dr Farooque Azam 3
3. Dr Wasi Haider Butt 3
4. Dr Mehwish Naseer 3

TRG PROGRAM - PG COURSES FALL SEMESTER 2025**ESG-6-QSF-C02**
Semester 1st & 3rdCourse: **MS Entry- 2024 & 2025 (Mts)**Duration: **08 Sep 2025 to 04 Jan 2026**Discipline: **Mechatronic Engineering**No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Hassan Elahi	MTS-840	Data Acquisition and Control		Lec
Tue	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Ayesha Zeb	MTS-811	Image Processing for Intelligent Systems	Core	Lec
Wed	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Muhammad Osama Ali	EE-818	Micro Electro Mechanical Systems	Elective	Lec
Thu	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Nasir Rashid	MTS-813	Paradigm of Artificial Intelligence	Elective	Lec

Summary

1. Dr Hassan Elahi 3
2. Dr Zaki ud Din/ Dr Ayesha Zeb 3
3. Dr Muhammad Osama Ali 3
4. Dr Nasir Rasheed 3

TRG PROGRAM - PG COURSES FALL SEMESTER 2025

ESG-6-QSF-C02
Semester 1st & 3rd

Course: **MS Entry- 2024 & 2025**

Duration: **08 Sep 2025 to 04 Jan 2026**

Discipline: **Engineering Management**

No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	Trg Block-I (DEE)	1800-2100	3	Dr. Asjad Shahzad	EM-801	Proj Mgmt	Core	Lec
Tue	Trg Block-I (DEE)	1800-2100	3	Dr. Yasir Ahmad	EM-811	Quality Engg	Core	Lec
Wed	Trg Block-I (DEE)	1800-2100	3	Dr. Uzair Khaleeq Uz Zaman	EM-807	Problem Solving and Decision Making in Engineering Organizations	Elective	Lec
Thu	Trg Block-I (DEE)	1800-2100	3	Dr. Afshan Naseem	EM-826	Supply Chain Mgmt	Elective	Lec
Fri	Trg Block-I (DEE)	1800-2100	2	Dr. Sundus Younis	RM-898	Research Methodology	Additional	Lec

Summary

1. Dr. Asjad Shahzad 3
2. Dr. Yasir Ahmad 3
3. Dr. Uzair Khaleeq Uz Zaman 3
3. Dr. Afshan Naseem 3
5. Dr. Sundus Younis 2

TRG PROGRAM - PG COURSES FALL SEMESTER 2025**ESG-6-QSF-C02**
Semester 1st & 3rdCourse: **MS Entry- 2024 & 2025**Duration: **08 Sep 2025 to 04 Jan 2026****Discipline: Applied Mathematics**No. of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRC-14	1800- 2100	3	Dr Safia Taj	CSE-881	Applied Mathematics for Computational Science & Engineering	Core	Lec
Tue	CRC-14	1800- 2100	3	Dr Muhammad Zubair Ali Moughal	MATH-803	Geometry	Core	Lec
Wed	CRC-14	1800- 2100	3	Dr Yasir Ali/Dr Soyiba Jawed	MATH-810	Mathematical Method of AI	Elective	Lec
	CRC-16	1800- 2100	3	Dr Hina Sadaf	MATH-881	Advance Fluid Mechanics	Elective	Lec
Thu	CRC-14	1800- 2100	3	Dr Asim Aziz	MATH-824	Applied Optimization Methods	Core	Lec
Fri	CRC-14	1800- 2100	3	Name of FM will be provided later on	XXXXXX	Understanding of Holy Quran - I	Additional	Lec

Summary

1. Dr Safia Taj 3
2. Dr Muhammad Zubair Ali Moughal 3
3. Dr Yasir Ali/Dr Soyiba Jawed 3
4. Dr Hina Sadaf 3
5. Dr Asim Aziz 3
6. Name of FM will be provided later on 3

TRG PROGRAM - PG COURSES FALL SEMESTER 2025**ESG-6-QSF-C02**
Semester 1st & 3rdCourse: **MS Entry- 2024 & 2025**Duration: **08 Sep 2025 to 04 Jan 2026**Discipline: **Artificial Intelligence**No_of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Tue	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Farhan Hussain	AI-853	Advance Programming in Python	Elective	Lec
Wed	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Soyiba Jawed/Yasir Ali	Math-810	Mathematical Methods for AI	Core	Lec
Thu	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Ali Hassan	CS-871	Machine Learning	Core	Lec

1. Dr Farhan Hussain 3
2. Dr Soyiba Jawed/Yasir Ali 3
3. Dr Ali Hassan 3