

**TRG PROGRAM - PG COURSES FALL SEMESTER - 2025 (V 5)**

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

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

Discipline: **Electrical Engineering**

No of Weeks: **17**

<b>Day</b>	<b>Venue</b>	<b>Time</b>	<b>Hours</b>	<b>Instructor</b>	<b>Code</b>	<b>Course</b>	<b>Core/ Elective</b>	<b>Method</b>
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. Fahad Mumtaz Malik	EE-869	Linear System Theory	Core	Lec
Wed	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Shahzad Amin Sheikh	EE-891	Stochastic System	Core	Lec
Thu	CRE-1 (Trg Block-I)	1800-2100	3	Dr. Ahmad Rauf Subhani	CS-867	Computer Vision	Elective	Lec
Fri	CRE-1 (Trg Block-I)	1800-2000	2	Dr. Atif Qayyum	RM-898	Research Methodology	Additional	Lec

**Summary**

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

**TRG PROGRAM - PG COURSES FALL SEMESTER 2025 (V 5)**

**ESG-6-QSF-C02**  
**Semester 1<sup>st</sup> & 3<sup>rd</sup>**

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

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

Discipline: **Mechanical Engineering**

No of Weeks: **17**

<b>Day</b>	<b>Venue</b>	<b>Time</b>	<b>Hours</b>	<b>Instructor</b>	<b>Code</b>	<b>Course</b>	<b>Core/ Elective</b>	<b>Method</b>
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	2	Dr. Fareed Ahmed	RM-898	Research Methodology	Additional	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. Fareed Ahmed 2

**TRG PROGRAM - PG COURSES FALL SEMESTER 2025 (V 5)****ESG-6-QSF-C02**  
**Semester 1<sup>st</sup> & 3<sup>rd</sup>**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 - 16 (Trg Block - II)	1800 - 2100	3	Dr Ishfaq Hussain	EC-830	Real Time Embedded System Design	Elective	Lec
	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

**\* The course (EC-835) is offered in MS Software Engineering by the same faculty, department and time****Summary**

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

**TRG PROGRAM - PG COURSES FALL SEMESTER 2025 (V 5)**

**ESG-6-QSF-C02**  
**Semester 1<sup>st</sup> & 3<sup>rd</sup>**

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

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

Discipline: **Software Engineering**

No of Weeks: **17**

<b>Day</b>	<b>Venue</b>	<b>Time</b>	<b>Hours</b>	<b>Instructor</b>	<b>Code</b>	<b>Course</b>	<b>Core/ Elective</b>	<b>Method</b>
*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 - 13 (Trg Block - II)	1800 - 2100	3	Dr Wasi Haider Butt	SE-862	Software Req Engineering	Core	Lec
Fri	CRC - 11 (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 (V 5)**

**ESG-6-QSF-C02**  
**Semester 1<sup>st</sup> & 3<sup>rd</sup>**

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

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

Discipline: **Mechatronic Engineering**

No of Weeks: **17**

<b>Day</b>	<b>Venue</b>	<b>Time</b>	<b>Hours</b>	<b>Instructor</b>	<b>Code</b>	<b>Course</b>	<b>Core/ Elective</b>	<b>Method</b>
Mon	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Hassan Elahi	MTS-802	Advanced Mechatronics System Design	Core	Lec
Tue	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Zaki ud Din	MTS-814	Electronic Systems for Mechatronics	Elective	Lec
Wed	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Nasir Rashid	MTS-813	Paradigms of Artificial Intelligence	Elective	Lec

**Summary**

1. Dr Hassan Elahi 3
2. Dr Zaki ud Din 3
3. Dr Nasir Rashid 3

**TRG PROGRAM - PG COURSES FALL SEMESTER 2025 (V 5)****ESG-6-QSF-C02**  
**Semester 1<sup>st</sup> & 3<sup>rd</sup>**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 CRE-12 (DEE)	1800-2100	3	Dr. Asjad Shahzad	EM-801	Proj Mgmt	Core	Lec
Tue	Trg Block-I CRE-12 (DEE)	1800-2100	3	Dr. Yasir Ahmad	EM-811	Quality Engg	Core	Lec
Wed	Trg Block-I CRM-3 (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 CRE-12 (DEE)	1800-2100	3	Dr. Afshan Naseem	EM-826	Supply Chain Mgmt	Elective	Lec
Fri	Trg Block-I CRE-1 (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
4. Dr. Afshan Naseem 3
5. Dr. Sundus Younis 2

**TRG PROGRAM - PG COURSES FALL SEMESTER 2025 (V 5)**

**ESG-6-QSF-C02**  
**Semester 1<sup>st</sup> & 3<sup>rd</sup>**

Course: **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	Elective	Lec
Tue	<b>CRC-13</b>	1800- 2100	3	Dr Muhammad Zubair Ali Moughal	MATH-803	Geometry	Core	Lec
Wed	CRC-16	1800- 2100	3	Dr Yasir Ali/Dr Soyiba Jawed	MATH-810	Mathematical Method for AI	Elective	Lec
	CRC-14	1800- 2100	3	Dr Hina Sadaf	ME-881	Advance Fluid Mechanics	Elective	Lec
	CRC-15	1800-2100	3	Dr Zulqarnain Qayyum/Dr Mehar Ali Malik	MATH-810	Mathematical Methods for AI	Elective	Lec
Thu	CRC-15	1800- 2100	3	Dr Asim Aziz	MATH-824	Applied Optimization Methods	Core	Lec
	CRC-13	1800- 2100	3	Instructor Abdul Rehman	HU-131	Understanding of Holy Quran - I	Core	Lab
Fri	CRC-16	1800-2100	3	Lec Sobia Ali	HU-131	Understanding of Holy Quran - I	Core	Lab
	CRC-15	1800-2100	3	Instructor Abdul Rehman	HU-131	Understanding of Holy Quran - I	Core	Lab

**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 Zulqarnain Qayyum/Dr Mehar Ali Malik** 3
6. Dr Asim Aziz 3
7. Instructor Abdul Rehman 6
8. Lec Sobia Ali 3

**TRG PROGRAM - PG COURSES FALL SEMESTER 2025 (V 5)**

Course: **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
	CRC - 14 (Trg Block - II)	1800 - 2100	3	Dr Yasir Jan (TVF)				
Wed	CRC - 16 (Trg Block - II)	1800 - 2100	3 (2+1)	Dr Soyiba Jawed/Yasir Ali	Math-810	Mathematical Methods for AI	Core	Lec
Thu	CRC - 11 (Trg Block - II)	1800 - 2100	3	Dr Ali Hassan	CS-871	Machine Learning	Core	Lec
	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Yasir Jan (TVF)				

**Summary**

Dr. Farhan Hussain	3
Dr. Yasir Jan (TVF)	6
Dr. Soyiba Jawed	2
Dr Yasir Ali	1
Dr. Ali Hassan	3