

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4)

Course: **MS Entry- 2025 & 2026 (EE)**

Duration: **07 Sep 2026 to 02 Jan 2027**

Discipline: **Electrical Engineering**

No of Weeks: **17**

Day	Venue	Time	Hrs	Instructor	Code	Course	Core/ Elective	Method
Mon	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Qasim Umar Khan	CS-877	Artificial Intelligence and Machine Learning	Elective	Lec
Tue	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Shahzad Amin Sheikh	EE-891	Stochastic System	Core	Lec
Wed	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Fahad Mumtaz Malik	EE-869	Linear System Theory	Core	Lec
	CRE-11 (Trg Block-I)	1800-2100	3	Dr. Touseef Ali	EE-897	Detection and Estimation	Elective	Lec
Thu	CRE-01 (Trg Block-I)	1800-2100	3	Dr. Ahmad Rauf Subhani	CS-867	Computer Vision	Elective	Lec

Summary

1. Dr. Qasim Umar Khan 3 - 0
2. Dr. Shahzad Amin Sheikh 3 - 0
3. Dr. Fahad Mumtaz Malik 3 - 0
4. Dr. Touseef Ali 3 - 0
5. Dr. Ahmad Rauf Subhani 3 - 0

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4)

Course: **MS Entry- 2025 & 2026 (ME)**

Duration: **07 Sep 2026 to 02 Jan 2027**

Discipline: **Mechanical Engineering**

No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRM-3	1800-2100	3	Dr. Taufeeq ur Rehman Abbasi	ME-847	AI for Mechanical Engineering	Elective	Lec
Tue	CRM-3	1800-2100	3	Dr. Tariq Talha	ME-831	Computational Fluid Dynamics-I	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. Raja Amer Azim	ME-802	Finite Element Methods	Core	Lec
Fri	CRM-3	1800-2000	2	Dr. Saheeb Ahmed Kayani	RM-898	Research Methodology	Additional	Lec

Summary

1. Dr. Taufeeq ur Rehman Abbasi 3-0
2. Dr. Tariq Talha 3-0
3. Dr. Aamer Ahmed Baqai 3-0
4. Dr. Raja Amer Azim 3-0
5. Dr. Saheeb Ahmed Kayani 2-0

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4)**ESG-6-OSF-C02**
Semester 1st & 3rdCourse: **MS Entry- 2025 & 2026 (CE)**Discipline: **Computer Engineering**Duration: **07 Sep 2026 to 02 Jan 2027**No of Weeks: **17**

Day	Venue	Time	Hrs	Instructor	Code	Course	Core/ Elective	Method
*Mon	CRC -14 (Trg Block -II)	1800 - 2100	3	Dr Ishfaq Hussain	EC-830	Real Time Embedded System Design	Elective	Lec
	CRC - 15 (Trg Block - II)	1800 - 2100	3	Dr M Usman Akram	EC-835	Digital Image Processing	Elective	Lec
*Tue	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Shahzad	SE-825	Adv computer Network	Elective	Lec
Wed	CRC - 15 (Trg Block - II)	1800 - 2100	3	Dr Farhan Hussain	EC-820	Adv Computer Architecture	Core	Lec
	CRC -14 (Trg Block - II)	1800 - 2100	3	TBH	SE-807	Machine Learning	Elective	Lec
*Thu	CRC - 15 (Trg Block - II)	1800 - 2100	3	Dr Muhammad Akmal Shafique	EC-825	Adv Digital System Design	Core	Lec
	DSP & DSD Lab (Trg Block - II)	1800 - 2100	3	Dr Farhan Hussain	EC-817	Tiny ML & Efficient Deep Learning Computing	Elective	Lec
*Fri	CRC -11 (Trg Block – II)	1600 - 1800	2	Dr. Ahsan Shahzad	RM-898	Research Methodology	Additional	Lec
		1800 - 2000		Dr. Altaf Hussain				

*The course(EC-835, SE-825) is offered in **MSSoftware Engineering** by the same faculty department and at the same time.* The course(EC817) is offered in **MS Computer Engg Software Engg & Artificial Intelligence** by the same faculty department and at the same time*The course(RM-898) is offered in **MSSoftware Engineering & MS AI** by the same faculty & department.**Summary**

1. Dr Shahzad 3-0
2. Dr Ishfaq Hussain 5-0
3. Dr M Usman Akram 3-0
4. Dr Farhan Hussain 6-0
5. Dr M Akmal Shafique 3-0
6. Dr. Ahsan Shahzad 2-0
7. Dr. Altaf Hussain 2-0
8. TBH 3-0

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4)**ESG-6-OSF-C02**
Semester 1st & 3rdCourse: **MS Entry- 2025 & 2026 (SE)**Duration: **07 Sep 2026 to 02 Jan 2027**Discipline: **Software Engineering**No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRC - 15 (Trg Block - II)	1800 - 2100	3	Dr M Usman Akram	EC-835	Digital Image Processing	Elective	Lec
	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Mehwish Naseer	SE-868	Software Project Management	Elective	Lec
Tue	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Shahzad	SE-825	Adv computer Network	Elective	Lec
Wed	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Farooque Azam	SE-860	Adv. Software Engineering	Core	Lec
	CRC - 14 (Trg Block - II)	1800 - 2100	3	TBH	SE-807	Machine Learning	Elective	Lec
Thu	CRC - 16 (Trg Block - II)	1800 - 2100	3	Dr Wasi Haider Butt	SE-862	Software Req Engineering	Core	Lec
	DSP & DSD Lab (Trg Block - II)	1800 - 2100	3	Dr Farhan Hussain	EC-817	Tiny ML & Efficient Deep Learning Computing	Elective	Lec
Fri	CRC - 11 (Trg Block - II)	1600 - 1800	2	Dr. Ahsan Shahzad	RM-898	Research Methodology	Additional	Lec
		1800 - 2000		Dr. Altaf Hussain				

Summary

1. Dr Farooque Azam 3-0
2. Dr Shahzad 3-0
3. Dr M Usman Akram 3-0
4. Dr Wasi Haider Butt 3-0
5. Dr. Farhan Hussain 6-0
6. Dr Mehwish Naseer 3-0
7. Dr. Ahsan Shahzad 2-0
8. Dr. Altaf Hussain 2-0
9. TBH 3-0

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4)**ESG-6-OSF-C02**
Semester 1st & 3rdCourse: **MS Entry- 2025 & 2026 (AI)**Duration: **07 Sep 2026 to 02 Jan 2027**No of Weeks: **17**Discipline: **Artificial Intelligence**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRC -11 (Trg Block - II)	1800 - 2100	3	Dr. Farhan Hussain	AI-853	Advance Programming in Python	Elective	Lec
Tue	CRC - 11 (Trg Block - II)	1800 - 2100	3	Dr Muhammad Shafiq	AI-856	Ethical Machines	Elective	Lec
Wed	CRC - 11 (Trg Block - II)	1800 - 2100	3	Dr Ali Hassan	CS-871	Machine Learning	Core	Lec
Thu	CRC – 11/DSP & DSD Lab (Trg Block - II)	1800 - 2100	3	Dr Ahsan Shahzad /Dr Yasir Ali	Math-810	Mathematical Methods for AI	Core	Lec
	CRC – 14/Embedded System Lab (Trg Block - II)	1800 - 2100	3	Dr Ali Saeed/Dr Mehr Ali	Math-810	Mathematical Methods for AI	Core	Lec
	DSP & DSD Lab (Trg Block - II)	1800 - 2100	3	Dr Farhan Hussain	EC-817	Tiny ML & Efficient Deep Learning Computing	Elective	Lec
Fri	CRC - 11 (Trg Block - II)	1600 - 1800	2	Dr. Ahsan Shahzad	RM-898	Research Methodology	Additional	Lec
		1800-2000		Dr. Altaf Hussain				

Summary

1.	Dr. Farhan Hussain	6
2.	Dr Muhammad Shafiq	3
3.	Dr Ali Hassan	3
4.	Dr Ahsan Shahzad	3
5.	Dr Yasir Ali	3
6.	Dr Ali Saeed	3
7.	Dr Mehr Ali	3
8.	Dr. Ahsan Shahzad	2
9.	Dr. Altaf Hussain	2

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4))**ESG-6-QSF-C02**
Semester 1st & 3rdCourse: **MS Entry- 2025 & 2026 (MTS)**Discipline: **Mechatronic Engineering**Duration: **07 Sep 2026 to 02 Jan 2027**No of Weeks: **17**

Day	Venue	Time	Hrs	Instructor	Code	Course	Core/ Elective	Method
Mon	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr Ayesha Zeb	MTS-811	Image Processing for Intelligent Systems	Elective	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
Thu	CR (Mts)-1 (Trg Block-III)	1800-2100	3	Dr. Hassan Elahi	MTS-802	Advance Mechatronics System Design	Core	Lec

Summary

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| 1. | Dr. Ayesha Zaib | 3 - 0 |
| 2. | Dr Zaki Ud Din | 3 - 0 |
| 3. | Dr Nasir Rashid | 3 - 0 |
| 4. | Dr Hassan Elahi | 3 - 0 |

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4)**ESG-6-OSF-C02****Semester 1st & 3rd**Course: **MS Entry- 2025 & 2026 (EM)**Discipline: **Engineering Management**Duration: **07 Sep 2026 to 02 Jan 2027**No of Weeks: **17**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CRE-11 (Trg Block –I)	1800-2100	3	Dr. Asjad Shahzad	EM-801	Project Management	Core	Lec
	CRE-13 (Trg Block –I)	1600-1800	2	Dr. Yasir Ahmad	RM-898	Research Methodology	Additional	Lec
Tue	CRE-13 (Trg Block –I)	1800-2100	3	Dr. Afshan Naseem	EM-818	Operations Research	Core	Lec
Wed	CRE-13 (Trg Block –I)	1800-2100	3	Dr. Leena Anum	EM-850	Leadership and Organizational Behavior	Elective	Lec
Thu	CRE-13 (Trg Block –I)	1800-2100	3	Dr. Shujaat Ali	EM-854	Sustainability in Engineering Management	Elective	Lec

Summary

1. Dr. Asjad Shahzad 3
2. Dr. Yasir Ahmad 2
3. Dr. Afshan Naseem 3
4. Dr. Leena Anum 3
5. Dr. Shujaat Ali 3

TRG PROGRAM - PG COURSES FALL SEMESTER – 2026 (V 1.4)

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

Course: **MS Entry- 2025 & 2026 (AM)**
Discipline: **Applied Mathematics**

Duration: **07 Sep 2026 to 02 Jan 2027**
No of Weeks: **17**

Day	Venue	Time	Hrs	Instructor	Code	Course	Elective/ Core	Method
Mon	Network Lab	1800- 2100	3	Dr Bushra Majeed	MATH-955	General Relativity and Cosmology	Elective	Lec
Mon	CRC-13	1800- 2100	3	Dr. Arsalan Aziz	ME-881	Advanced Fluid Mechanics	Elective	Lec
Tue	CRC-13	1800- 2100	3	Dr. Hina Sadaf	MATH-824	Applied Optimization Methods	Core	Lec
Wed	CRC-13	1800- 2100	3	Dr Safia Taj	CSE-881	Applied Mathematics for Computational Science and Engineering	Elective	Lec
Wed	CRC-14	1800- 2100	0-1	Instructor Arabic Abdul Rahman	HU-131	Understanding of Holy Quran-I	Core	Lab
Thu	CRC-11	1800- 2100	3	Dr Ahsan Shahzad / Dr Yasir Ali	MATH-810	Mathematical Methods of AI	Core	Lec
	CRC-14	1800- 2100	3	Dr Ali Saeed/Dr Mehr Ali	MATH-810	Mathematical Methods of AI	Core	Lec
Thu	Network Lab	1800- 2100	0-1	Instructor Arabic Abdul Rahman	HU-131	Understanding of Holy Quran-I	Core	Lab
Fri	CRE-13	1800- 2100	0-1	Instructor Arabic Abdul Rahman	HU-132	Understanding of Holy Quran-II	Core	Lab
Fri	CRE-14	1600-1800	2	Dr Takreem Haider	RM-898	Research Methodology	Additional	Lec
Fri	CRE-15	1800- 2100	0-1	Dr. Amira Sami	HU-131	Understanding of Holy Quran-I	Core	Lab

Summary

1.	Dr Bushra Majeed	3-0
2.	Dr. Arsalan Aziz	3-0
3.	Dr. Hina Sadaf	3-0
3.	Dr Safia Taj	3-0
4.	Instructor Arabic Abdul Rahman	0-1
5.	Dr Ahsan Shahzad/Dr Yasir Ali	3-0
6.	Dr. Ali Saeed/ Dr Mehr Ali	3-0
6.	Dr Amira Sami	0-1
7.	Dr Takreem Haider	2-0