

TRG PROGRAMME – PG COURSES – FALL SEMESTER 2021

Course: **MS Entry -2020 (EE) & MS Entry 2021 (EE)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline: **Electrical Engineering**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Core/ Elective	Method
Mon	CR (E) - 01 Trg Block-I	1800 – 1930	1½	Dr Muwahida Liaquat	EE-871	Linear Control System	Core	Lec
		1930 – 2100	1½	Dr Qasim Umar Khan	SE-801	Artificial Neural Network	Elective	Lec
	CR (E) - 11 Trg Block-I	1930 – 2100	1½	Dr Sarmad Majeed Malik	EE-863	Power System Analysis	Core	Lec
Tue	CR (E) - 01 Trg Block-I	1800 – 1930	1½	Dr Fahad Mumtaz Malik	EE-977	Non-linear Control Systems	Elective	Lec
		1930 – 2100	1½	Dr Fahad Mumtaz Malik	EE-877	Mobile robotics	Core	Lec
	CR (E) – 11 Trg Block-I	1800 – 1930	1½	Dr Mashhood Ahmad	EE-891	Stochastic Systems	Core	Lec
Wed	CR (E) - 01 Trg Block-I	1800 – 1930	1½	Dr Fahad Mumtaz Malik	EE-977	Non-linear Control Systems	Elective	Lec
		1930 – 2100	1½	Dr Fahad Mumtaz Malik	EE-877	Mobile robotics	Core	Lec
	CR (E) - 11 Trg Block-I	1800 – 1930		Dr Muwahida Liaquat	EE-871	Linear Control System	Core	Lec
Thu	CR (E) - 11 Trg Block-I	1800 – 1930	1½	Dr Sarmad Majeed Malik	EE-863	Power System Analysis	Core	Lec
	CR (E) - 01 Trg Block-I	1800 – 1930	1½	Dr Qasim Umar Khan	SE-801	Artificial Neural Network	Elective	Lec
	CR (E) - 01 Trg Block-I	1930 - 2100	1½	Dr Mashhood Ahmad	EE-891	Stochastic Systems	Core	Lec

Summary

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| 1. | Dr Mashhood Ahmad | 3.0 |
| 2. | Dr Fahad Mumtaz Malik | 6.0 |
| 3. | Dr Sarmad Majeed Malik | 3.0 |
| 4. | Dr Qasim Umar Khan | 3.0 |
| 5. | Dr Muwahida Liaquat | 3.0 |

TRG PROGRAMME – PG COURSES – FALL SEMESTER – 2021

Course: **MS Entry -2020 (ME) & MS Entry 2021 (ME)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline: **Mechanical Engineering**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Elective / Core	Methods
Mon	CR (M)- 02 (Trg Block-IV)	1800 – 1930	1½	Dr Imran Akhtar	ME-803	Continuum Mechanics	Core	Lec
		1930 – 2100	1½	Dr Faizullah	MTH-812	Advanced Engineering Mathematics	Core	Lec
Tue	CR (M)- 02 (Trg Block-IV)	1800 – 1930	1½	Dr Imran Akhtar	ME-803	Continuum Mechanics	Core	Lec
		1930 – 2100	1½	Dr Faizullah	MTH-812	Advanced Engineering Mathematics	Core	Lec
Wed	CR (M)- 02 (Trg Block-IV)	1800 – 1930	1½	Dr Aamer Ahmed Baqai	ME-853	Manufacturing Systems Design and Management	Elective	Lec
		1930 – 2100	1½	Dr Abdur Rehman Manzhar	ME-885	Thermal System Design	Elective	Lec
	CR (M)- 03 (Trg Block-IV)	1800 – 1930	1½	Dr Rashid Naseer	ME-817	Advanced Theory of Vibrations	Elective	Lec
		1930 – 2100	1½	Dr Zafar Abbas Bangash	ME-881	Advanced Fluid Mechanics	Elective	Lec
Thu	CR (M)- 02 (Trg Block-IV)	1800 – 1930	1½	Dr Aamer Ahmed Baqai	ME-853	Manufacturing Systems Design and Management	Elective	Lec
		1930 – 2100	1½	Dr Ghulam Murtaza	ME-812	Advanced Control Systems-I	Elective	Lec
	CR (M)- 03 (Trg Block-IV)	1830 – 1930	1½	Dr Rashid Naseer	ME-817	Advanced Theory of Vibrations	Elective	Lec
Fri	CR (M)- 02 (Trg Block-IV)	1800 – 1930	1½	Dr Ghulam Murtaza	ME-812	Advanced Control Systems-I	Elective	Lec
		1830 – 1900	1½	Dr Zafar Abbas Bangash	ME-881	Advanced Fluid Mechanics	Elective	Lec
	CR (M)- 03 (Trg Block-IV)	1930 – 2100	1½	Dr Abdur Rehman Manzhar	ME-885	Thermal System Design	Elective	Lec

1.	Dr Aamer Ahmed Baqai	3.0
2.	Dr Imran Akhtar	3.0
3.	Dr Rashid Naseer	3.0
4.	Dr Ghulam Murtza	3.0
5.	Dr Zafar Iqbal Bangash	3.0
6.	Dr Abdur Rehman Mazhar	3.0
7.	Dr Faizullah (DBS&H)	3.0

TRG PROGRAMME – PG COURSES – FALL SEMESTER – 2021

Course: **MS Entry -2020 (CE)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline: **Computer Engineering**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Elective/ Core	Methods
Mon	CRC-16 (Trg Block-II)	1930 – 2100	1½	Dr Ali Hassan	CSE-804	Machine Learning	Elective	Lec
Tue	CRC-16 (Trg Block-II)	1800 – 1930	1½	Dr Ali Hassan	CSE-804	Machine Learning	Elective	Lec
Wed	CRC-16 (Trg Block-II)	1930 – 2100	1½	Dr Muhammad Usman Akram	CS-822	Data Mining	Elective	Lec
Thu	CRC-16 (Trg Block-II)	1800 – 2100	1½	Dr Muhammad Usman Akram	CS-822	Data Mining	Elective	Lec
Fri	CRC-16 (Trg Block-II)	1830 – 1930	1½	Dr Muhammad Abbas	RM-896	Research Methodologies	Elective	Lec
		1930 – 2100	1½	Dr Muhammad Abbas	RM-896	Research Methodologies	Elective	Lec

Summary

1	Dr Ali Hassan	3.0
2	Dr Muhammad Abbas	3.0
3	Dr Muhammad Usman Akram	3.0

TRG PROGRAMME – PG COURSES – FALL SEMESTER – 2021

Course: **MS Entry -2021 (CE)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline: **Computer Engineering**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Elective/ Core	Methods
Mon	CRC-11 (Trg Block-II)	1800 – 1930	1½	Dr Sajid Gul Khawaja	CE-866	Adv Digital Signal Processing	Core	
		1930 – 2100	1½	Dr Farhan Hussain	CE-820	Adv Computer Architecture	Core	
Tue	CRC-11 (Trg Block-II)	1800 – 1930	1½	Dr Farhan Hussain	CE-820	Adv Computer Architecture	Core	
		1930 – 2100	1½	Dr Sajid Gul Khawaja	CE-866	Adv Digital Signal Processing	Core	
Wed	CRC-11 (Trg Block-II)	1800 – 1930	1½	Dr Farhan Riaz	CE-835	Digital Image Processing	Elective	
		1930 – 2100	1½	Dr M. Usman Akram	CS-822	Data Mining	Elective	
Thu	CRC-11 (Trg Block-II)	1800 – 1930	1½	Dr M. Usman Akram	CS-822	Data Mining	Elective	
		1930 – 2100	1½	Dr Farhan Riaz	CE-835	Digital Image Processing	Elective	

Summary

1	Dr M. Usman Akram	3.0
2	Dr Sajid Gul Khawaja	3.0
3	Dr Farhan Hussain	3.0
4.	Dr Farhan Riaz	3.0

TRG PROGRAMME – PG COURSES – FALL SEMESTER – 2021

Course: **MS Entry -2021 (SE)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline: **Software Engineering**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Elective/ Core	Methods
Mon	CRC-15 (Trg Block-II)	1800 – 1930	1½	Dr Farooque Azam	SE-860	Adv Software Engg	Core	Lec
		1930 – 2100		Dr Wasi Haider Butt	SE-862	Software Req Engg	Core	
Tue	CRC-15 (Trg Block-II)	1800 – 1930	1½	Dr Wasi Haider Butt	SE-862	Software Req Engg	Core	Lec
		1930 – 2100	1½	Dr Farooque Azam	SE-860	Adv Software Engg	Core	
Wed	CRC-15 (Trg Block-II)	1800 – 1930	1½	Dr Usman Qamar	SE-876	Web Engineering	Elective	Lec
		1930 – 2100	1½	Dr Farooque Azam	SE-869	Model Driven Software Engg	Elective	Lec
Thu	CRC-15 (Trg Block-II)	1800 – 1930	1½	Dr Farooque Azam	SE-869	Model Driven Software Engg	Elective	Lec
		1930 – 2100	1½	Dr Usman Qamar	SE-876	Web Engineering	Elective	Lec

Summary

1	Dr Farooque Azam	6.0
2	Dr Usman Qamar	3.0
3	Dr Wasi Haider Butt	3.0

TRG PROGRAMME – PG COURSES – FALL SEMESTER – 2021

Course: **MS Entry -2020 (SE)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline: **Software Engineering**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Elective/ Core	Methods
Wed	CRC-15 (Trg Block-II)	1800 – 1930	1½	Dr Usman Qamar	SE-876	Web Engineering	Elective	Lec
Thu	CRC-15 (Trg Block-II)	1930 – 2100	1½	Dr Usman Qamar	SE-876	Web Engineering	Elective	Lec
Thu	CRC-16 (Trg Block-II)	1800 – 1930	1½	Dr Muhammad Abbas	RM-896	Research Methodologies	Elective	Lec
	CRC-16 (Trg Block-II)	1930 – 2100	1½	Dr Muhammad Abbas	RM-896	Research Methodologies	Elective	Lec

Summary

1	Dr Muhammad Abbas	3.0
2	Dr Usman Qamar	3.0

TRG PROGRAMME – PG COURSES – FALL SEMESTER – 2021

Course: **MS Entry -2020 (Mts) & MS Entry 2021 (Mts)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline **Mechatronics Engineering**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Elective/ Core	Methods
Mon	CR (Mts)-01 (Trg Block-III)	1800 – 1930	1½	Brig Dr. Nasir Rashid	MTS-813	Paradigms of Artificial Intelligence	Elective	Lec
		1930 – 2100	1½	Brig Dr. Nasir Rashid	MTS-813	Paradigms of Artificial Intelligence	Elective	Lec
Tue	CR (Mts)-01 (Trg Block-III)	1800 – 1930	1½	Dr Hamid Jabbar	MTS-840	Data Acquisition and Control	Core	Lec
		1930 – 2100	1½	Dr Hamid Jabbar	MTS-840	Data Acquisition and Control	Core	Lec
Wed	CR (Mts)-01 (Trg Block-III)	1800 – 1930	1½	Dr Umar Shahbaz Khan	MTS-841	Advanced Embedded Systems	Core	Lec
		1930 – 2100	1½	Dr Umar Shahbaz Khan	MTS-841	Advanced Embedded Systems	Core	Lec

Summary

1	Brig Dr Nasir Rashid	3.0
2	Dr Hamid Jabbar	3.0
3	Dr Umar Shahbaz Khan	3.0

TRG PROGRAMME – PG COURSES – FALL SEMESTER – 2021

Course: **MS ntry 2020 & MS Entry 2021 (EM)**

Duration: **18 Oct 2021 to 04 Feb 2022**

Discipline: **Engineering Management**

No of Weeks: **16**

Day	Venue	Time	Hours	Instructor	Code	Course	Elective/ Core	Methods
Mon	CR (M)-01 (BS&H)	1800-1930	1½	Dr Zeeshan Mirza	EM-851	High Performance Work Systems	Elective	Lec
	CR (M)-02 (BS&H)	1930-2100	1½	Dr Syed M. Ali	EM-827	Innovation and New Product Mgmt	Elective	Lec
Tue	CR (M)-01 (BS&H) New Block	1800-1930	1½	Dr Yasir Ahmad	EM-801	Project Management	Core	Lec
	CR (M)-02 (BS&H)	1930-2100	1½	Dr Masood Raza	EM-804	Technology Management	Elective	Lec
Wed	CR (M)-01 (BS&H)	1800-1930	1½	Dr Masood Raza	EM-804	Technology Management	Elective	Lec
	CR (M)-02 (BS&H)	1930-2100	1½	Dr Yasir Ahmad	EM-801	Project Management	Core	Lec
Thu	CR (M)-01 (BS&H)	1800-1930	1½	Dr Syed M. Ali	EM-827	Innovation and New Product Mgmt	Elective	Lec
	CR (M)-02 (BS&H)	1930-2100	1½	Dr Tasweer Hussain Shah	EM-817	Accounting and Fin Mgmt	Core	Lec
Fri	CR (M)-01 (BS&H)	1800-1930	1½	Dr Zeeshan Mirza	M-851	High Performance Work Systems	Elective	Lec
	CR (M)-02 (BS&H)	1930-2100	1½	Dr Tasweer Hussain Shah	EM-817	Accounting and Fin Mgmt	Core	Lec

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1	Dr. Masood Raza	3.0
3	Dr Tasweer Hussain Shah	3.0
3	Dr Syed Muhammad Ali	3.0
4.	Dr. Yasir Ahmad	3.0
5.	Dr M. Zeeshan Mirza	3.0