



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY
U.S.-Pakistan Center for Advanced Studies in Energy
Timetable: MS – TEE Spring 2025

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 -10:30 AM	Industrial Energy Management (ESE-833) Dr Naveed Ahmed CR-2	Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	Industrial Energy Management (ESE-833) Dr Naveed Ahmed CR-2	Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	<u>Research Methodology (RM-898) – Core</u> <u>Dr. Sana Yaqub</u> <u>*09:00 – 11:00 AM</u> Lecture Hall
10:30 - 12:00 PM		Seminar Slot	Fuels & Combustion (TEE-816) – Core Dr. Asif Hussain Khoja CR-3		
12:00 - 01:30 PM	Fuels & Combustion (TEE-816) – Core Dr. Asif Hussain Khoja CR-3	Design & Modeling of Thermal Energy Systems (TEE-802) – Core Dr. Majid Ali CR-3/Computer Lab		Design & Modeling of Thermal Energy Systems (TEE-802) – Core Dr. Majid Ali CR-3/Computer Lab	
Lunch and Prayer Break (1:30 - 2:00 pm)					
02:00 - 03:30 PM	Clean Coal Technologies (ESE-800) Dr. Sana Yaqub CR-3 / Fuel Cells (ESE-814) Dr Mustafa Anwer CR-2		Clean Coal Technologies (ESE-800) Dr. Sana Yaqub CR-3 / Fuel Cells (ESE-814) Dr Mustafa Anwer CR-2		
03:30 - 05:00 PM		Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3		Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3	



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY
U.S.-Pakistan Center for Advanced Studies in Energy
Timetable: MS – ESE Spring 2025

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 -10:30 AM	Industrial Energy Management (ESE-833) Dr Naveed Ahmed CR-2	Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	Industrial Energy Management (ESE-833) Dr Naveed Ahmed CR-2	Wind Energy (ESE-817) Dr Sehar Shakir CR-3 / Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	
10:30 - 12:00 PM	Energy & Environment (ESE-820) – Core Dr. Muhammad Hassan Lecture Hall	Seminar Slot	Fuels & Combustion (TEE-816) Dr. Asif Hussain Khoja CR-3	Energy & Environment (ESE-820) – Core Dr. Muhammad Hassan Lecture Hall	
12:00 - 01:30 PM	Fuels & Combustion (TEE-816) Dr. Asif Hussain Khoja CR-3 / Wind Energy (ESE-817) Dr Sehar Shakir CR-4	Next-Generation Photovoltaic Devices (ESE-830) Dr. Nadia Shahzad CR-4 / Design & Modeling of Thermal Energy Systems (TEE-802) Dr. Majid Ali CR-3/Computer Lab	*12:00 – 02:00 <u>Research Methodology (RM-898) -</u> Core <u>Dr. Sehar Shakir</u> CR-4	Next-Generation Photovoltaic Devices (ESE-830) Dr. Nadia Shahzad CR-4 / Design & Modeling of Thermal Energy Systems (TEE-802) Dr. Majid Ali CR-3/Computer Lab	
Lunch and Prayer Break (1:30 - 2:00 pm)					
02:00 - 03:30 PM	Fuel Cells (ESE-814) Dr Mustafa Anwer CR-2 / Clean Coal Technologies (ESE-800) Dr. Sana Yaqub CR-3	Development and Evaluation of Energy Projects (ESE-838) Dr. Syed Ali Abbas Kazmi Lecture Hall	Fuel Cells (ESE-814) Dr Mustafa Anwer CR-2 / Clean Coal Technologies (ESE-800) Dr. Sana Yaqub CR-3	Development and Evaluation of Energy Projects (ESE-838) Dr. Syed Ali Abbas Kazmi Lecture Hall	
03:30 - 05:00 PM	Modeling of Energy Systems (ESE-809) – Core Dr Adeel Waqas Lecture Hall /Computer Lab	Li-ion & Next Generation Batteries (ESE-836) Dr. Ghulam Ali Lecture Hall / Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3	Modeling of Energy Systems (ESE-809) – Core Dr Adeel Waqas Lecture Hall /Computer Lab	Li-ion & Next Generation Batteries (ESE-836) Dr. Ghulam Ali Lecture Hall / Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3	



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY
U.S.-Pakistan Center for Advanced Studies in Energy
Timetable: MS – EE (Power) Spring 2025

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 -10:30 AM		Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4		Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	<u>Research Methodology (RM-898)</u> Dr. Sana Yaqub <u>*09:00 – 11:00 AM</u> Lecture Hall
10:30 - 12:00 PM	Energy & Environment (ESE-820) Dr. Muhammad Hassan Lecture Hall	Seminar Slot	Power System Operation, Control and Optimization (EPE-800) CR-2 Core Dr. Muhammad Yousif	Energy & Environment (ESE-820) Dr. Muhammad Hassan Lecture Hall	
12:00 - 01:30 PM	Power System Operation, Control and Optimization (EPE-800) CR-2 Core Dr. Muhammad Yousif	Advanced Power Electronics (EPE-814) Dr. Hassan Abdullah Khalid CR-2		Advanced Power Electronics (EPE-814) Dr. Hassan Abdullah Khalid CR-2	
Lunch and Prayer Break (1:30 - 2:00 pm)					
02:00 - 03:30 PM	Machine Learning for Power Systems (EPE-819) CR-4 Dr. Kashif Imran / Fuel Cells (ESE-814) Dr Mustafa Anwer CR-2	Development and Evaluation of Energy Projects (ESE-838) Dr. Syed Ali Abbas Kazmi Lecture Hall	Machine Learning for Power Systems (EPE-819) CR-4 Dr. Kashif Imran / Fuel Cells (ESE-814) Dr Mustafa Anwer CR-2	Development and Evaluation of Energy Projects (ESE-838) Dr. Syed Ali Abbas Kazmi Lecture Hall	
03:30 - 05:00 PM		Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3		Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3	



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY
U.S.-Pakistan Center for Advanced Studies in Energy
Timetable: MS – RE Spring 2025 (Evening)

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
05:00 - 05:50 PM	Energy & Climate Change (ESE-832) Core Dr Abeera Ayaz Ansari CR-4	Applied Solar Energy (ESE-804) Dr Nadia Shahzad CR-4	Biomass & Bioenergy (RE-822) Dr Rabia Liaquat CR-4	Biomass & Bioenergy (RE-822) Dr Rabia Liaquat CR-4	Development and Evaluation of Energy Projects (ESE-838) Dr Syed Ali Abbas Kazmi CR-4
06:00 - 06:50 PM	Energy & Climate Change (ESE-832) Core Dr Abeera Ayaz Ansari CR-4	Applied Solar Energy (ESE-804) Dr Nadia Shahzad CR-4	Biomass & Bioenergy (RE-822) Dr Rabia Liaquat CR-4	Energy for Sustainable Development (ESE-840) Dr Sehar Shakir CR-4	Development and Evaluation of Energy Projects (ESE-838) Dr Syed Ali Abbas Kazmi CR-4
07:00 - 07:50 PM	Energy & Climate Change (ESE-832) Core Dr Abeera Ayaz Ansari CR-4	Applied Solar Energy (ESE-804) Dr Nadia Shahzad CR-4	Research Methodology (RM-898) Dr Waqar Khalid CR-4	Energy for Sustainable Development (ESE-840) Dr Sehar Shakir CR-4	Development and Evaluation of Energy Projects (ESE-838) Dr Syed Ali Abbas Kazmi CR-4
08:00 - 08:50 PM			Research Methodology (RM-898) Dr Waqar Khalid CR-4	Energy for Sustainable Development (ESE-840) Dr Sehar Shakir CR-4	