



**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	
10:30 - 12:00 PM		<b>Seminar Slot</b>	Fuels & Combustion (TEE-816) – <b>Core</b> Dr. Asif Hussain Khoja CR-3		
12:00 - 01:30 PM	Fuels & Combustion (TEE-816) – <b>Core</b> Dr. Asif Hussain Khoja CR-3	Design & Modeling of Thermal Energy Systems (TEE-802) – <b>Core</b> Dr. Majid Ali CR-3/Computer Lab	<u>Research Methodology (RM-898) - Core</u> <u>Dr. Sana Yaqub</u> <u>*12:00 – 02:00 PM</u> <u>Lecture Hall</u>	Design & Modeling of Thermal Energy Systems (TEE-802) – <b>Core</b> Dr. Majid Ali CR-3/Computer Lab	
<b>Lunch and Prayer Break (1:30 - 2:00 pm)</b>					
02:00 - 03:30 PM	Clean Coal Technologies (ESE-800) Dr. Sana Yaqub CR-3		Clean Coal Technologies (ESE-800) Dr. Sana Yaqub CR-3		
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	



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**Timetable: MS – ESE Spring 2025**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 -10:30 AM	Electric Power Markets (EPE-816) CR-4 Dr Kashif Imran / Industrial Energy Management (ESE-833) Dr Naveed Ahmed CR-2	Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	Electric Power Markets (EPE-816) CR-4 Dr Kashif Imran / Industrial Energy Management (ESE- 833) Dr Naveed Ahmed CR-2	Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	
10:30 - 12:00 PM	Energy & Environment (ESE-820) – <b>Core</b> Dr. Muhammad Hassan Lecture Hall	<b>Seminar Slot</b>	Wind Energy (ESE-817) Dr Sehar Shakir CR-4 / Fuels & Combustion (TEE-816) Dr. Asif Hussain Khoja CR-3	Energy & Environment (ESE-820) – <b>Core</b> Dr. Muhammad Hassan Lecture Hall	
12:00 - 01:30 PM	Wind Energy (ESE-817) Dr Sehar Shakir CR-4 / Fuels & Combustion (TEE-816) Dr. Asif Hussain Khoja CR-3	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> <b>Core</b> <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	
<b>Lunch and Prayer Break (1:30 - 2:00 pm)</b>					
02:00 - 03:30 PM	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	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) Dr Adeel Waqas CR- 3/Computer Lab	Li-ion & Next Generation Batteries (ESE-836) Dr. Ghulam Ali CR-2 / Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3	Modeling of Energy Systems (ESE- 809) Dr Adeel Waqas CR-3/Computer Lab	Li-ion & Next Generation Batteries (ESE-836) Dr. Ghulam Ali CR-2 / Nuclear Energy Engineering (ESE-824) Dr Majid Ali CR-3	



**NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY**  
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**Timetable: MS – EE (Power) Spring 2025**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 -10:30 AM	Electric Power Markets (EPE-816) CR-4 Dr Kashif Imran	Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	Electric Power Markets (EPE-816) CR-4 Dr Kashif Imran	Energy Policy Analysis and Planning (ESE-831) Dr Waqar Khalid CR-4	
10:30 - 12:00 PM	Energy & Environment (ESE-820) Dr. Muhammad Hassan Lecture Hall	<b>Seminar Slot</b>	Power System Operation, Control and Optimization (EPE-800) CR-2 <b>Core</b> 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 <b>Core</b> Dr. Muhammad Yousif	Advanced Power Electronics (EPE-814) Dr. Hassan Abdullah Khalid CR-2	<u>Research Methodology (RM-898) - Core</u> <u>Dr. Sana Yaqub</u> <u>*12:00 – 02:00 PM</u> Lecture Hall	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		Development and Evaluation of Energy Projects (ESE-838) Dr. Syed Ali Abbas Kazmi Lecture Hall		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**  
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**Timetable: MS – RE Spring 2025 (Evening)**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
05:00 - 05:50 PM	Energy & Climate Change (ESE-832) <b>Core</b> Dr Abeera Ayaz Ansari CR-4	Energy & Climate Change (ESE-832) <b>Core</b> Dr Abeera Ayaz Ansari CR-4	Biomass & Bioenergy (RE-822) Dr Rabia Liaquat CR-4	Biomass & Bioenergy (RE-822) Dr Rabia Liaquat CR-4	Energy for Sustainable Development (ESE-840) Dr Sehar Shakir CR-4
06:00 - 06:50 PM	Energy & Climate Change (ESE-832) <b>Core</b> 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	<b>Makeup Slot</b>
07:00 - 07:50 PM	Applied Solar Energy (ESE-804) Dr Nadia Shahzad 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	<b>Makeup Slot</b>
08:00 - 08:50 PM	Fuel Cells (ESE-814) Dr Mustafa Anwer CR-4	Fuel Cells (ESE-814) Dr Mustafa Anwer CR-4	Research Methodology (RM-898) Dr Waqar Khalid CR-4	Fuel Cells (ESE-814) Dr Mustafa Anwer CR-4	<b>Makeup Slot</b>