



Notice

The list of supervisors in the Institute of Energy Technology (IET) is given in the following table. The students of 2019 – 20 session interested to start their thesis work are asked to apply for appointment of supervisor within 10/1/2022. For this purpose, the following procedure has to be followed:

Step-1: Choose supervisor's name from the list below

Step-2: Go to the supervisor physically and inform him about your interest to work under his supervision.

Step-3: If supervisor agrees, take his forwarding and apply for appointing him as supervisor.

Step-4: If supervisor disagrees, then try for another supervisor.

List of Supervisors

Sl. No.	Name	Position and Mobile no.	Department	Research interests
1	Amita Shingha	Research Lecturer 01735530848	IET	Digital Signal Processing, Nuclear Science, Smart Grid, Micro Grid
2	Md. Adnan Faisal Siddique	Research Lecturer 01521222709	IET	PV Cell, PV Technology, Hybrid energy technology, Smart grid system.
3	Dr. Mahmud Abdul Matin Bhuiyan	Professor 01713109853	Dept. of EEE	Energy Conversion, Renewable Energy, Solar PV Technology, Solar Cells, Thin Films and Photonic Devices
4	Dr. Muhammad Quamruzzaman	Professor 01842109848	Dept. of EEE	Power Electronics, Electrical Power Transmission and Distribution, Power System Analysis
5	Prof. Dr. Quazi Delwar Hossain	Professor 01711133916	Dept. of EEE	Solid state circuits, Solid state devices, Low power circuits
6	Dr. Muhammad Ahsan Ullah	Professor 01734311590	Dept. of EEE	Power System monitoring, Netmetering, Optimization, SCADA
7	Dr. Mohammad Rubaiyet Tanvir Hossain	Professor 01713109985	Dept. of EEE	Power Electronics and Control, Electrical Machines, Renewable Energy, VLSI.
8	Dr. Nur Mohammad	Professor 01710610152	Dept. of EEE	Smart Grid Management, Application of IoT in Power Systems, Smart Metering and Pricing, Home and Building Energy Management, Power System Economics, Economic Load Dispatch, Power Systems Simulation, Transactive Energy and Microgrids Optimization, Distribution Electricity Market Modeling, Electric Vehicle



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Sl. No.	Name	Position and Mobile no.	Department	Research interests
				Charging and Energy Storage Management, Demand Side Management and Demand Response, Mathematical Programming and Optimization , Bi-level Optimization, Mathematical Problem with Equilibrium Constraint (MPEC), Game Theory.
9	Dr. Tofael Ahmed	Assoc. Professor 01757748878	Dept. of EEE	Power System Planning; Power Conversion Techniques; Energy Management Systems; Renewable Energy Integration
10	Dr. Muhammad Asad Rahman	Assoc. Professor 01715612240	Dept. of EEE	RF energy harvesting, Rectenna design for electrical energy transfer, Active integrated antennas, Reconfigurable antennas, Optical antennas
11	Dr. Sampad Ghosh	Asstt. Professor 01712575436	Dept. of EEE	Synthesis and characterization of energy harvesting materials; Thermoelectric materials predominantly for low-temperature applications; Composite materials science and engineering; Growth of low dimensional (2D) materials; Supercapacitor's electrode materials; Optoelectronic devices particularly optical waveguide simulation, fabrication and measurement.
12	Dr. Mehdi Hasan Chowdhury	Asstt. Professor 01720020718	Dept. of EEE	Embedded systems for energy technology, Energy efficient design in biomedical engineering, Machine learning techniques for energy technology
13	Dr. Md. Azad Hossain	Professor 01783756981	Dept. of ETE	RF energy harvesting, Renewable energy, Photovoltaic cells, Photonics, Energy efficient industry, Embedded system for biomedical application
14	Dr. Md. Saiful Islam	Professor 01713109920	Dept. of ETE	Renewable energy, Artificial Intelligence, Energy Harvesting, Fault analysis, Optimization Algorithms, Machine Learning
15	Dr. Md. Tazul Islam	Professor	Dept. of ME	Renewable energy, Fluid mechanics and Machinery, Refrigeration and



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Sl. No.	Name	Position and Mobile no.	Department	Research interests
		01713109888		Air Conditioning
16	Dr. Bodius Salam	Professor 01713109924	Dept. of ME	Heat transfer, Renewable Energy
17	Dr. Md. Mahbubul Alam	Professor 01812830127	Dept. of ME	High Speed Aerodynamics, CFD, Renewable Energy
18	Dr. Sajal Chandra Banik	Professor	Dept. of ME	Energy Conversion, Renewable Energy, Energy harvesting, Design and development of structures and models Computer related calculations and programming, Machine learning and interaction, Logistic system Biorobotics, Cognitive robots, Multiagent robotic system.
19	Dr. Md. Jamal Uddin Ahmed	Professor 01720641636	Dept. of ME	Heat Transfer, Thermal Engineering, Fluid Dynamics, Automotive Air Conditioning. Energy, exergy analysis of Vapor Compression systems. Heat transfer performance analysis of vapor Compression system. Nano technology in Refrigeration and air conditioning system. Effect of nano fluid in refrigeration heat transfer performance.
20	Dr. S. M. Humayun Kabir	Professor 01716469972	Dept. of ME	Advanced Solid Mechanics, Low-cycle Fatigue, Thermal Engineering
21	Dr. Kazi Afzalur Rahman	Professor 01680453267	Dept. of ME	Thermo-fluid Engineering
22	Dr. Md. Mizanur Rahman	Professor 01864800089	Dept. of ME	Catalytic Hydrogen; Fuel cell; Energy conversion; Renewable Energy.
23	Dr. Muhammad Mostafa Kamal Bhuiya	Professor 01784353193	Dept. of ME	Thermal Engineering, Thermodynamics, Applied Thermodynamics, Heat Transfer (Conduction, Convection, Radiation, Boiling & Condensation), Operations Research, Industrial Management
24	Dr. Md. Sanaul Rabbi	Assoc. Professor 01717300305	Dept. of ME	Energy Efficiency and Sustainable Energy, Composite Materials, Non-Destructive Technique & Evaluation, Structural Health Monitoring, Computational Analysis, Mechatronics, Industrial Automation, Operations Management.



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Sl. No.	Name	Position and Mobile no.	Department	Research interests
25	Dr. Md. Arafat Rahman	Assoc. Professor 01719416328	Dept. of ME	Material Engineering, Electrochemistry, Energy Storage System, Nanoporous Materials, Batteries, Lithium-ion and Air Batteries, Design Technology, Vibration Analysis, Automobile Engineering
26	Dr. Md. Abu Mowazzem Hossain	Asstt. Professor 01735530848	Dept. of ME	Energy Efficient Vehicle (EVs, HV), Dual fuel system, Biodiesel. Advanced Manufacturing Processes (Friction Stir Welding, Forming), Advanced Engineering Materials, Micro-fabrication, Automobile Engineering
27	Dr. Md. Rezaul Karim	Professor 01725469613	Dept. of Chemistry	Pulping and Bleaching, Papermaking, Secondary Fiber Recycling, Industrial Waste Water Pollution and Control, Metallic Corrosion in Industrial Process, Environmental Radioactivity.