

**Department of Physics**  
**Application Form for Selection of Supervisor**  
**M. Sc./M. Phil. (April-2024)**

<b>Student Name</b>	
<b>Student/Admission ID</b>	
<b>Status</b>	
<b>Student's Mobile No.</b>	
<b>Email Address</b>	

**Last Awarded Degree:**

<b>Name of Degree</b>	
<b>Name of University</b>	
<b>Field of Thesis (if any)</b>	
<b>Obtained CGPA</b>	

**Name of the Supervisor applied for (Serial by Choice):**

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<b>Signature of the Student</b>		<b>Date</b>	
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**Bangladesh University of Engineering and Technology**  
**Department of Physics**

**List of Supervisors**

Sl. No.	Name of the Teachers & Email	Designation	Research Fields	Research Groups
1	<b>Dr. A. K. M. Akther Hossain</b> akmhossain@phy.buet.ac.bd	<b>Professor</b>	Multiferroic composites, perovskite types of metal halides, superconductivity, nanocrystalline ferrites, anti-cancer drug carriers, and hydrogen storage materials	<b>Solid State Physics</b>
2	<b>Dr. Md. Rafi Uddin</b> rafiuddin@phy.buet.ac.bd	<b>Professor</b>	Monsoon and Mesoscale Meteorology, Radar Meteorology, Numerical Modeling, Lightning and Climate Change	<b>Atmospheric Physics</b>
3	<b>Dr. Nasreen Akter</b> nasreenakter@phy.buet.ac.bd	<b>Professor</b>	Tropical Cyclone, Monsoon and Mesoscale Meteorology, Aerosol and Numerical Modeling	<b>Atmospheric Physics</b>
4	<b>Dr. Mohammed Abdul Basith</b> mabasith@phy.buet.ac.bd	<b>Professor</b>	Nanomaterials, Energy Materials, Multiferroic Nanoparticles, Magnetic Nanoparticles, Halide Perovskites Nanocrystals, Photocatalysis, Supercapacitor	<b>Solid State Physics</b>
5	<b>Dr. Mohammad Abu Sayem Karal</b> asayem221@phy.buet.ac.bd	<b>Professor</b>	Biophysics, Static and Dynamic functions of membranes, Medical Physics	<b>Biophysics, Medical Physics and Health Physics</b>
6	<b>Dr. Mohammad Jellur Rahman</b> mjrahman@phy.buet.ac.bd	<b>Professor</b>	Plasma Processing of Polymer Thin Films; Carbon Nanomaterials; Nanocomposites of Biopolymers.	<b>Solid State Physics</b>
7	<b>Dr. Muhammad Samir Ullah</b> samirullah@phy.buet.ac.bd	<b>Professor</b>	Nanostructured Magnetic Materials, Perovskites, Ferrites, Multiferroics and Nonlinear Optical Materials.	<b>Solid State Physics</b>
8	<b>Dr. Muhammad Rakibul Islam</b> rakibul@phy.buet.ac.bd	<b>Professor</b>	Nanostructured Materials, Bio-polymer Based Nanocomposite for Energy Storage, Thin Film.	<b>Solid State Physics</b>

9	<b>Dr. Mohammad Khurshed Alam</b> khurshedphy@phy.buet.ac.bd	<b>Associate Professor</b>	Nano-bio-Materials, Magnetic materials.	<b>Solid State Physics</b>
10	<b>Dr. Mehnaz Sharmin</b> mehnaz@phy.buet.ac.bd	<b>Associate Professor</b>	Semiconductors, Metal oxide thin films, Crystal growth, Gas and humidity sensors, Optoelectronics.	<b>Solid State Physics</b>
11	<b>Dr. Parvin Sultana</b> psmony@phy.buet.ac.bd	<b>Associate Professor</b>	Optoelectronics, Nanomaterials, Thin Films.	<b>Solid State Physics</b>
12	<b>Dr. Md. Azizar Rahman</b> azizar@phy.buet.ac.bd	<b>Associate Professor</b>	Defects in semiconductors, Nanomaterials, Quantum dots, Thin films, Photonics and Optoelectronics	<b>Solid State Physics</b>