

**Department of Physics**  
**Postgraduate Courses Offered for October/2025 Semester**

<b>M.Sc.</b>	<i>Advisor: Prof. Dr. Md. Forhad Mina</i>
<b>M.Phil.</b>	<i>Advisor: Prof. Dr. Afia Begum</i>
<b>Ph.D.</b>	<i>Respective Supervisor</i>

**M.Sc. Students (New Students, October-2025)**

Sl. No.	Course No.	Course Title	Course Teachers
1.	Phy 6001	Quantum Mechanics	<b>MAB+RI</b>
2.	Phy 6005	Solid State Physics	<b>AH+SU</b>
3.	Phy 6113	Advanced Nuclear Physics	<b>ASK+JR</b>
4.	Phy 6211	Atmospheric Physics	<b>RU+NA</b>

**M. Phil./Ph.D. Students; Full-time/Part-time Student (New Students, October-2025)**  
**Solid State Physics Groups (October-2025)**

Sl. No.	Course No.	Course Title	Course Teachers
1	Phy 6001	Quantum Mechanics	<b>MAB+RI</b>
2.	Phy 6003	Physics of Semiconductors and Superconductors	<b>AH+AR</b>
3.	Phy 6005	Solid State Physics	<b>AH+SU</b>
4	Phy 6010	Physics of Deformed Solids	<b>SU+KA</b>
5.	Phy 6013	Physics of Non-Crystalline Solids	<b>RI+AR</b>
6.	Phy 6018	Materials Science	<b>MS+PS</b>
7.	Phy 6021	Magnetism	<b>MAB+KA</b>
8.	Phy 6022	Physics of X-ray	<b>MkH+FM</b>

**Biophysics, Medical Physics and Health Physics Groups (October-2025)**

Sl. No.	Course No.	Course Title	Course Teachers
1.	Phy 6001	Quantum Mechanics	<b>MAB+RI</b>
2.	Phy 6022	Physics of X-ray	<b>MkH+FM</b>
3.	Phy 6105	Health Physics	<b>AB+ASK</b>
4.	Phy 6113	Advanced Nuclear Physics	<b>ASK+JR</b>

**Atmospheric Physics Groups (October-2025)**

Sl. No.	Course No.	Course Title	Course Teachers
1.	Phy 6022	Physics of X-ray (only for full time student)	<b>MkH+FM</b>
2	Phy 6206	Climatology II	<b>NA</b>
2.	Phy 6207	Radar Meteorology	<b>RU</b>
3.	Phy 6211	Atmospheric Physics	<b>RU+NA</b>

Important Instructions: **i)** Please contact with your respective supervisor/advisor before registration of courses in October 2025 semester. **ii)** Please cover your total credits by thesis (Phy 6000) credit hours if theory credit is less than 12 credits (for full time student) or 09 credits (for part time student).

*Dr. Muhammad Abu Sayem Karal*  
9/5/2026

Dr. Muhammad Abu Sayem Karal  
Professor and Head