

Department of Physics, BUET
Postgraduate Courses Offered for April 2021

Total Courses: Theory 14 + Thesis (Phy 6000)

Adviser for New Students

M.Sc.	Prof. Dr. Md. Forhad Mina
M.Phil.	Prof. Dr. Afia Begum
PhD	Respective Supervisor

M Sc (New) Students

Sl. No.	Course No.	Course Title
1.	Phy 6001	Quantum Mechanics
2.	Phy 6005	Solid State Physics
3.	Phy 6113	Advanced Nuclear Physics
4.	Phy 6211	Atmospheric Physics

Solid State Group:

M Phil (New) Students

For Full/Part Time Student:

Sl. No.	Course No.	Course Title
1.	Phy 6005	Solid State Physics
2.	Phy 6003	Physics of Semiconductors and Superconductors
3.	Phy 6022	Physics of X-ray
4.	Phy 6021	Magnetism

M Sc (old) /M Phil (old)/Ph D (New+Old) Students

For Full/Part Time Student:

Sl. No.	Course No.	Course Title
1.	Phy 6001	Quantum Mechanics (<i>only for full time student</i>)
2.	Phy 6003	Physics of Semiconductors and Superconductors
3.	Phy 6005	Solid State Physics
4.	Phy 6022	Physics of X-ray
5.	Phy 6021	Magnetism
6.	Phy 6023	Advanced Magnetism
7.	Phy 6012	Experimental Techniques in Solid State Physics
8.	Phy 6017	Nanophysics
9.	Phy 6018	Materials Science
10.	Phy 6104	Physics of Radiology
11.	Phy 6010	Physics of Deformed Solids

Medical Physics Group:

M Sc (old) /M Phil (New + Old)/PhD (Old) Students

For Full Time/Part Time Student:

Sl. No.	Course No.	Course Title
1.	Phy 6113	Advanced Nuclear Physics
2.	Phy 6022	Physics of X-ray
3.	Phy 6104	Physics of Radiology

Atmospheric Physics Group:

M Sc (old) /M Phil (New + Old)/Ph D (Old) Students

For Full/Part Time Student:

Sl. No.	Course No.	Course Title
1.	Phy 6211	Atmospheric Physics
2.	Phy 6213	Tropical Meteorology
3.	Phy 6204	Remote Sensing and GIS
4.	Phy 6022	Physics of X-ray (<i>only for full time student</i>)

Phy 6000	Project/Thesis
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Please cover your total credits by thesis credit hours if theory credit is less than 12 credits (full time) or 9 credits (part time).

Please contact with your respective **supervisor/advisor** before registration of courses in April 2021



Dr. Md. Rafi Uddin
Professor and Head
Department of Physics