

Syllabus

I semester	II semester	III semester	IV semester
PHH 401-Methods of Mathematical Physics I	PHH 451-Methods of Mathematical Physics	PHH 501- Atomic and Molecular Physics	PHH 551- Lasers Physics, Vacuum Techniques, Cryogenics,
PHH 402-Quantum Mechanics I	PHH 452-Quantum Mechanics II	PHH 502- Thermodynamics and Statistical Physics	PHH 552- Astrophysics & Relativity
PHH 403-Classical Mechanics	PHH 453- Nuclear & Radiation Physics	PHS 503- Condensed matter Physics-I / PHS 505-Nuclear Physics I	PHS 553-Condensed matter Physics III / PHS 555-Nuclear Physics III
PHH 404-Electrodynamics	PHH 454- Condensed Matter Physics and Electronics	PHS 504- Condensed matter Physics-II / PHS 508-Nuclear Physics II	PHS 556-Condensed matter Physics IV PHS 558-Nuclear Physics IV
PHP 405-Physics Practicals I (General)	PHE 455-Energy studies	PHE 509-Radiation sources and Hazards	PHP 559- PROJECT WORK
PHP 406-Physics Practicals II (General)	PHP 456-Physics Practicals III (General)	PHP 510- Condensed matter Physics Practicals-I / PHP 512-Nuclear Physics Practicals I	
	PHP 457- Physics Practicals IV(Electronics)	PHP 513- Condensed matter Physics Practicals-II / PHP 515-Nuclear Physics Practicals II	