Post-M.Sc. (Physics) Session 2022-23
Semester-I (August-December)

Class Routine: Theory

	10:30-12:00	12:05-13:35	13:35-14:30	14:30–15:30	15:30-18:30
Mon	CNM	QM	B	Tutorials/Assignments	Assignments
Tue	SM	QFT1	R	Tutorials/Assignments	Assignments
Wed	CNM	QM	E	Tutorials/Assignments	Assignments
Thu	SM	QFT1	A	Tutorials/Assignments	Assignments
Fri	Tutorials	Tutorials	K	Tutorials/Assignments	Assignments

SM: Statistical Mechanics (Prof. Debasish Banerjee, TA: Dr. Aditya Banerjee)

QM: Quantum Mechanics (Prof. Debasish Majumdar, TA: Dr. Ananya Mukherjee)

QFT1: Quantum Field Theory-I (Prof. Munshi G. Mustafa & Prof. Harvendra Singh)

CNM: Computational and Numerical Methods (Prof. Arunava Mukherjee)

Weekly course credit: 1.5hr x 2 classes + 2 hr tutorial + 7 hr assignment and self study=12 hrs. (12 hrs x 16 weeks=192 hrs = 6 credits) Total semester-1 credits= 6x4=24.

Notes:-
1. Three semester system will be followed: (I) Aug-Dec (17 weeeks), (II) Jan-Apr (17 weeks), (III) May-Jul (about 11 weeks). There maybe a few weekly breaks in between.
2. Four compulsory basic courses are to be taught in the 1st semester.
3. Four courses also in the 2nd semester: 3 advanced optional courses only and a Review work. A student can audit any number of advanced courses if he/she may so desire.
4. The 3rd Semester is entirely for project work. It will be evaluated based on the thesis and its defense.
5. There will be HBNI guided Research Methodology course. The RM and project work are compulsory.