

Post-M.Sc. (Physics) Session 2020-21
Semester-I (August-December)

Class Routine: Theory

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

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

QM: Quantum Mechanics (Prof. Debasish Majumdar)

QFT1: Quantum field Theory-I (Prof. Harvendra Singh)

CNM: Computational and Numerical Methods
(Prof. Kalpataru Pradhan & 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 weeks), (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: The Research Methodology (RM) + 3 advanced optional courses. A student can audit any number of advanced courses if he/she may desire so.
4. The 3rd Semester is entirely for project/review work. It will be evaluated based on the thesis and its defense.
5. The RM and project/review are compulsory.