

# Department of Chemical Sciences

## EXPERIMENTAL TECHNIQUES & RESEARCH METHODOLOGY SCHEDULE FOR THE TERM AUGUST–DECEMBER 2017

The schedule of laboratory visits for various Experimental Techniques & Research Methodology during the period August–December 2017, for the first year students in the Department of Chemical Sciences, is given below.

AREA	TEACHER-IN-CHARGE	PERIOD
Research Methodology	Classroom Talks	21–25 August
Fluorescence I	Prof. S. Maiti / Ms. Madhuri	28 Aug – 1 Sept
Bioinorganic chemistry	Prof. S. Mazumdar	4–8 September
Ultrafast Biophysics & Photomaterials	Dr. Jyotishman Dasgupta	11–15 September
Nano-catalysis	Dr. Vivek Polsettiwar	18–22 September
Supersonic Jet Spectroscopy	Prof. S. Wategaonkar	9–13 October
Chemical Biology & Molecular Imaging	Dr. Ankona Datta	16–20 October
Protein Biophysics & Mechanics	Prof. A. S. R. Koti	23–27 October
Fluorescence II	Prof. Sudipta Maiti	30 Oct – 3 Nov
Theoretical & Computational Biophysical Chemistry	Dr. R. Venkatramani	6–10 November
Materials Chemistry	Prof. Deepa Khushalani	13–17 November
Photochemistry & EPR	Prof. Ranjan Das	20–24 November
Nuclear Magnetic Resonance	Prof. R. V. Hosur/ Ms. Mamata Joshi	27 Nov – 1 Dec

  

Seminar	December 2nd week
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The lectures-cum-laboratory experiments will be held in the afternoon starting generally from 14:00 hr and ending at around 18:30 hr. The students are requested to get in touch with the designated teachers for the details regarding the exact time and the venue.

**Note:** This time table will be followed even if there are scheduled/unscheduled holidays falling in a given period. The teacher-in-charge alone will decide if a laboratory session is to be cancelled because of a holiday.

**Assessment:** i) There will be a written/quiz examination at the end of each program.

ii) Each student will be required to give a seminar of 30 minutes duration on any one of the experimental topics of his/her choice. The subject matter of the seminar will be given later by the teacher concerned.

**Research Methodology:** There will be class room lectures in August. The assessment will be through a written/quiz examination at the end of each lab-rotation program.