Prof. A. Pal

Lesson Plan (16-03-2015 to 31-03-2015)

Techniques for the study of transient species in photochemical reactions. Lasers in photochemical kinetics.

Examples of supramolecular photochemistry (Vision, photosynthesis and photochemical supramolecular devices.

Prof. N. Raghav

Lesson Plan (16-03-2015 to 21-03-2015)

Biosynthesis of alkaloids

Antibiotics

Cell wall biosynthesis inhibitors

- Stage I
- Stage II
- Stage III

DR Parvin Jangra(16-03-15 to 21-03-15)

Class	Paper	Topic
M. Sc. IV sem	XVIII	chemistry of azoles
M. Sc. II sem	VII	tranannular rearrangements

Dr. Ramesh Kumar

Schedule of topics to be taught in M.Sc. Chemistry (2nd and 4th Semester) from 16.03.2015 to 21.03.2015 by

Date	Semester	Paper No.	Topics
18.03.2015	**II**	**VII**	**Name Reactions**
20.03.2015	**IV**	**XIX**	**Structure elucidation and synthesis of Camphor**
21.03.2015	**IV**	**XIX**	**Structure elucidation and synthesis of Squalene**

Dr. Ritu **Lesson Plan for the week (16-03-2015 to 21-03-2015)**

Topic: Photosensitizers

Introduction and use of photosensitizer in various chemical processes

Dr. Sohan Lal

M. Sc. (Previous) – Molecular weight of polymers and polydispersity.

M.Sc. (Final) – Salt effects and its kinetics.

Ms. Monika Lesson plan (16.03.2015-21.03.2015)

Solid State-I

- Classification of solids
- Differences between types of solids
- Basic crystal systems
- Glass transition temperature
- Melting temperature
- Study of compounds of type AB,A_2B_3,AB_3.

Dr. Prabjot Kaur, Assistant Professor (Contract)

Lesson Plan (16-03-15 to 21-03-15)

Interaction of radiation with matter

- With Charged Particle
- With gamma rays
- With neutrons

Ms. Ravinder Kaur

Lesson Plan (16.03.2015-21.03.2015)

Paper VIII

Enzymes

Extraction and Purification

Regulatory enzymes

Paper XIX

Processing of Tablets

Compression of tablets

Compressing machines and their tooling

Processing problems and their remedy

Standardization and evaluation of tablets as per official standards