

Dr. Shallu Dogra
Assistant Professor
Department of Chemistry
LBSGPGC, Saraswati Nagar

DEPARTMENT OF CHEMISTRY

ABOUT THE DEPARTMENT

The Department of Chemistry at LBSGPGC Saraswati Nagar was established in 1986. The department runs a B.Sc. Three Years Degree Course under “**Choice Based Credit System**” (CBCS). The course offers a detailed study of all the three major components of chemistry i.e. Organic, Inorganic and Physical Chemistry including Spectroscopy. Along with that the Skill Enhancement Course (SEC) is also in practice which ensures the thorough understanding of applicability of the taught subjects in real life. The Department of Chemistry is well equipped with most of the updated academic and technological facilities required for an efficient quality teaching that includes two well maintained Laboratories and a smart classroom. The Department often organizes PowerPoint Presentations, classroom tests, quizzes and internal seminars (to make students aware of the ongoing research and opportunities in various fields of Chemistry as well as the current Literature Survey, especially for B.Sc. 3rd year students). Thus, the Department aims at the overall development of students so as they can comfortably pursue their career in any of the diversified branches of Chemistry.

FACULTY PROFILE

Dr. Shallu Dogra

Assistant Professor, B.Sc.(Hons.), M.Sc.(Hons.), CSIR/NET, Ph.D. (P.U. Chandigarh).

Teaching Experience: 5 years and 7 months.

Specialization: Organic Chemistry, Green Chemistry and Natural Products.

FACILITIES :

The facilities available with the Department of Chemistry are: Classroom with Desks and Board, Overhead Projector with Smart Podium and Interactive Board, Classroom Cabin, Teacher's Room with Computer and Printer, Laboratory No. 1 with Apparatus and Instruments including, Digital Conductivity Meter, Digital Photo Colorimeter, Digital Potentiometer, pH Meter, UV Observation Instrument, Kohlrausch Conductivity Bridge, Double Distillation Unit, Heating Rota Mantle, Water Bath, Centrifugation Machine, Polarimeter, Digital Colorimeter, Magnetic Stirrer with Hot Plate, Conductivity Bridge, Thermodynamic Isolated System, UV/Visible Spectrophotometer, Digital Weighing Balance, Vacuum Filtration Unit, Column Chromatography Assembly, Hot Air Oven, Melting Point Apparatus, Thin Layer Chromatography Units, Laboratory Staff Room, Laboratory No. 2 with Apparatus and Instruments, Glassware and Other Apparatus.

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TEACHING - LEARNING

In order to make teaching more effective and interesting, use of modern technological methods is made. Power Point Presentations, internal seminars / Paper Presentations by students, preparation of Working Models, Group Discussions, Quizzes, Class Tests, Assignments and Interactive sessions are organized regularly and students are encouraged to participate religiously in all of these activities.

CAPACITY BUILDING

The Department often organizes PowerPoint Presentations, classroom tests, interactive sessions, quizzes and internal seminars (to make students aware of the ongoing research and opportunities in various fields of Chemistry as well as the current Literature Survey, especially for B.Sc. 3rd year students). Thus, the Department aims at the overall development of students so as they can comfortably pursue their career in any of the diversified branches of Chemistry.

STUDENT PROGRESSION

Many students pursue post-graduation in Chemistry and other disciplines after completing UG degree in Science. The pass out students from this Institution are pursuing higher studies at HP University Shimla, Shoolini University, Utrakhand University Dehradun and Eternal University Badu Sahib.

A number of students after successful completion of their PG and Ph.D. degrees are serving as College and School Teachers, Scientists, Civil Servants and holding other prestigious positions.

DISTINGUISHED ALUMNAE (Faculty of Sciences)

1. Sh. Sudesh Mokta, IAS
2. Dr. Anita Mehta, Post-Doctoral Fellow at Germany
3. Dr. Ankush, Asst. Prof. Dept. of Biotechnology, HPU