

“Chemistry is the study of material transformations. Yet knowledge of the rate, or time dependence of chemical change is of critical importance for the successful synthesis of new materials and for the utilization of the energy generated by a reaction”. —Yuan T. Lee



The Post-Graduate Department of Chemistry is a dynamic centre for research at the frontiers of Chemical Science. The emphasis at the curricular level is to give a broad coverage of most common branches of Chemistry in keeping with the interdisciplinary nature of the subject today.

The Department was established in 1936 and the Post-Graduation course was started in 1971.

The Department admits students to a three-year degree programme in B.Sc. and a two-year programme in M.Sc. Chemistry which is the most happening field with incalculable demand for the masters of the subject in Research, Teaching, Pharmaceutical and Chemical Industry.

Courses offered:

Post-Graduation: M.Sc. in Chemistry (Duration: 4 Semesters)

Under-Graduation: Chemistry as one of the subjects in B.Sc. (Non-Med. /Med.)

Faculty:

- Mr. Chander Kiran Sikka, M. Sc., M. Phil. Head

- Dr. Rajeev Kumar Sharma, M.Sc., Ph.D.
- Ms. Sheetal Aggarwal, M.Sc., M.Phil.
- Ms. Tnu Mahajan, M.Sc. (Hons.) NET
- Ms. Savneet Kaur, M.Sc. (C)
- Sh. Ajay Kumar, M.Sc. (C)
- Dr. (Ms.) Pooja, M.Sc., PhD. (C)
- Dr. Jaspreet Kaur Bhatia, M.Sc., Ph.D. (C)

Distinctions of the Department:

- The Department has been recognized by the Department of Science & Technology (DST), Ministry of Science & Technology, New Delhi, in 2007, under its scheme "Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST), and a grant of Rs. 41,90,000/- was sanctioned to purchase Equipment (FTIR and UV-Visible Spectrophotometer), Setting up Departmental Computer Lab, Departmental Library and Renovation of Teaching Labs

- The Department has highly qualified, committed and dedicated faculty.

- The Department is well equipped with a wide range of sophisticated analytical instruments.

- M.Sc. Part I and II Chemistry Syllabi have been revised in consultation with G.N.D.U strictly according to the UGC guidelines. The syllabi conform to the latest trends in chemical education.

- The faculty members of Chemistry Department are actively involved in the teaching of Chemistry subjects of the B.Sc. – Biotechnology course both theory and practicals.

- Besides, a rich section of Chemistry books in the Main Library, the Department has Departmental Library with latest editions of reference books for students and faculty.

- S.S Bhatnagar Chemical Society of the Department organizes various activities like Seminars, Conferences, Workshops, and Educational Trips etc. for the benefit of the faculty and students.

- Besides, a fair number of our students pass the UGC (NET) exam, along with their M.Sc. Exams every year, and the students get preferable placements every year as faculty members in several colleges of Punjab and also as research scholars in universities and research institutes.

- The Department has helped and guided a large number of students, who have become nationally and internationally reputed medical doctors, engineers, and scientists. Just a few famous names are mentioned here; Dr. K.K Talwar: Dean P.G.I MER, Chandigarh, Dr.

V.K
hajan

Ma

: Director,
Tagore
Hospital and Heart Care Centre,
Jalandhar

,
Padam-Bhushan Dr.

P.

Lal

, Internationally reputed cardiologist, based in
NOIDA

. Dr.

Jognandan Prashar

, Director

AMBRI

, A famous Biotechnology research center in Australia

Seminars / Conferences / Workshops:

- DST-DBT sponsored National Conference on “Material Science: Applications in Energy & Environment” on March 2-3, 2012.

- UGC, DST, CSIR sponsored National Conference on “Nano-Material: Synthesis & Applications (

NAN

O-09

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organized

on February 06-07, 2009.

Glorious Results:

Name

Course

Position in University

Year

SumanpreetKaur

M.Sc. (Semester)-II

First

2012

RajwinderKaur

M.Sc. (Semester)-IV

Second

2012

Samriti

Sharma

M.Sc. (Semester)-II

Second

2012

Ajay Kumar

B.Sc.-III (NM)

Second

2012

Priya

B.Sc.-III (NM)

Merit

2012

Snigdha

Sharma

M.Sc. (Semester)-IV

Second

2011

RajwinderKaur

M.Sc. (Semester)-II

Second

2011

ShavetaKapoor

M.Sc.-II

First & Gold Medal

2010

HarneetKaur

M.Sc.-I

Second

2010

Priya

B.Sc.-I (NM)

Merit

2010

Anuradha

M.Sc.-II

First & Gold Medal

2009

ShavetaKapoor

M.Sc.-I

First

2009

ShrutiDhadwal

M.Sc.-II

Second

2009

Chetan

Sharma

B.Sc.-I (NM)

Second

2009

HarneetKaur

M.Sc.-I

Second

2009

SadhikaKhullar

M.Sc.-II

First & Gold Medal

2008

SaloniSood

M.Sc.-II

Second

2008

ShrutiDhadwal

M.Sc.-I

First

2008

AditiDhadwal

M.Sc.-I

Second

2008