

Department of Chemistry (B.Sc)

About the Department

The Department of Chemistry offers a Bachelor of Science (B.Sc.) program in Chemistry with a strong emphasis on practical learning. With over 70 years of history, it provides modern laboratories, organizes workshops and seminars, and engages students in various co-curricular activities. The department is dedicated to delivering high-quality, internationally recognized education.

Message from the HOD

The Department of Chemistry at Jai Hind College is one of the oldest and largest departments with a strong legacy. We offer comprehensive programs supported by experienced faculty, modern labs, and industry collaborations. Our focus is on practical learning, research, and fostering versatile, globally competent chemists ready for diverse careers and challenges. We aim to nurture talented individuals who excel in various fields and contribute to global solutions.

Faculty Details

Dr. Brijesh Kumar Singh

Designation: Associate Professor

Qualification: MSc , Ph.D

Specialization: Organic Chemistry

Experience: 27 Years

Email Id: brijesh.singh@jaihindcollege.edu.in

Dr. Shipra Biswas

Designation: Assistant Professor

Qualification: M.Sc, B.Ed, M.Phil, Ph.D

Specialization: Inorganic Chemistry

Experience: 20 Years

Email Id: shipra.biswas@jaihindcollege.edu.in

Dr. Sreela Dasgupta

Designation: Associate Professor

Qualification: B .Sc(Hons), M.Sc, B.Ed, Ph.D

Specialization: Organic Chemistry

Experience: 19 Years

Email Id: sreela.dasgupta@jaihindcollege.edu.in

Dr. Sangeeta Parab

Designation: Associate Professor

Qualification: Analytical Chemistry

Specialization: M.Sc, B.Ed, Ph.D

Experience: 17 Years

Email Id: sangeeta.parab@jaihindcollege.edu.in

Dr. Supriya Deshmukh

Designation: Assistant Professor

Qualification: M.Sc, Ph.D

Specialization: Analytical Chemistry

Experience: 16 Years

Email Id: supriya.deshmukh@jaihindcollege.edu.in

Dr. Sajith Chandran

Designation: Assistant Professor

Qualification: M.Sc , Ph.D

Specialization: Analytical Chemistry

Experience: 10 Years

Email Id: Sajith.chandran@jaihindcollege.edu.in

Mr. Gokul Ganesan

Designation: Assistant Professor

Qualification: M.Sc , NET

Specialization: Biotechnology, Bioinformatics

Experience: 03 Years

Email Id: gokul.ganesan@jaihindcollege.edu.in

Dr. Shilpa Jain

Designation: Assistant Professor

Qualification: M.Sc, NET , PhD

Specialisation: Organic chemistry

Experience: 4 years

Email ID: Shilpa.jain@jaihindcollege.edu.in

Ms. Khatija Atthar

Qualification: M.Sc

Designation: Assistant Professor

Specialisation: Inorganic Chemistry

Experience: 5 years

Email ID: Khatija.atthar@jaihindcollege.edu.in

Ms. Aksh Hina Shaikh

Designation: Assistant Professor

Qualification: MSc , SET

Specialisation: Physical Chemistry

Experience: 1 year

Email ID: akshhina.shaikh@jaihindcollege.edu.in

Mr. Onkar. Lotlikar

Designation: Assistant Professor

Qualification: MSc , NET, SET

Specialisation: Organic Chemistry

Experience: 1 year

Email ID: onkar.lotlikar@jaihindcollege.edu.in

Programs Offered:

B.Sc. Chemistry (Aided)

M.Sc. Chemistry (by papers) (Aided)

M.Sc. Chemistry (by research) (Aided)

Activities Under the Department

The Department of Chemistry organized a two-day workshop titled “Practicing Science: Scope, Perspectives, and Vision,” featuring talks by leading scientists and practical sessions on lab safety, calibration, and mass spectrometry. This event provided valuable insights into scientific practices and advanced techniques.

Additionally, the department hosted workshops on high-performance liquid chromatography (HPLC) and differential scanning calorimetry (DSC), offering hands-on experience with these analytical tools. To celebrate the International Year of the Periodic Table, a series of events included talks, documentaries, and demonstrations, enriching students' knowledge of metal analysis and alloying.

Student Achievement

Students achieved significant success with notable research publications and awards. M.Sc. Chemistry students published papers in renowned journals, while T.Y. B.Sc. students won first place in XPLORE and participated in Avishkar. Jai Hind College secured the overall winner's trophy at the St. Xavier's Chemistry Festival, with top positions in various events. Additionally, Kosha Shah was recognized for outstanding contributions to the Chemical Society.