

## **Master's of Science in Chemistry (MSC)**

### **About the department:**

The Department of Chemistry at Jai Hind College is led by a team of seven enthusiastic and dedicated faculty members. Each faculty member actively contributes to the undergraduate B.Sc. program through lectures and practical sessions. Five of our faculty members are accredited PG teachers who deliver lectures at various esteemed postgraduate institutions. We foster dynamic learning experiences through interactive teaching methods, research initiatives, and internship opportunities. Our graduates consistently achieve success in renowned institutions, reflecting our commitment to academic excellence.

### **About the HOD:**

Dr. Brijesh Singh, Ph.D. in Chemistry, is deeply passionate about imparting knowledge in the field of chemistry. He has mentored numerous undergraduate research projects and has co-authored several academic papers, frequently collaborating with students. Additionally, Dr. Singh actively contributes to various college committees and boards, demonstrating his commitment to enhancing academic excellence and institutional development.

### **Message from the HOD:**

The Master's of Science in Chemistry program is designed to provide you with a rigorous and comprehensive education in various disciplines of chemistry, preparing you for a fulfilling career in research, academia, industry, or beyond. Throughout your studies, you will delve into advanced theoretical concepts and gain hands-on experience in our state-of-the-art laboratories, where you will explore the intricacies of Organic, Inorganic, Physical, and Analytical Chemistry. Additionally, our program places a strong emphasis on communication skills, ensuring you can effectively convey your scientific findings to peers and the broader scientific community.

### **Faculty Details**

Dr. Brijesh Singh

**Designation:** Head of Department

**Qualification:** Ph.D. Chemistry, M.Sc

**Experience:** 27 Years

Dr. Shipra Biswas.

**Designation:** Associate Professor

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

M.Phil.

**Experience:** 20 Years

Dr. Sreela Dasgupta

**Designation:** Assistant Professor

**Qualification:** B.Sc. (Hons), M.Sc.,

B.Ed., Ph.D.

**Experience:** 19 Years

Dr. Sangeeta Parab

**Designation:** Assistant Professor

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

**Experience:** 17 Years

Dr. Supriya Deshmukh

**Designation:** Assistant Professor

**Qualification:** M.Sc., Ph.D.

**Experience:** 16 Years

Dr. Sajith Chandran

**Designation:** Assistant Professor

**Qualification:** M.Sc., Ph.D.

**Experience:** 10 Years

Mr. Gokul Ganesan

**Designation:** Assistant Professor

**Qualification:** M.Sc., NET

**Experience:** 09 Years

### **Programs Offered**

1. Master of Science in Chemistry (Aided)

### **Student Achievement**

In the academic year 2023-24, our students achieved remarkable success across various domains. Anagha Anilkumar secured a position at HP Green R&D Center, Aashish Lad joined BTRA Ghatkopar Mumbai, Sayali Kate became an apprentice at BPCL, and Monil Shah started his career at Rawji Fine Fragrances Pvt Ltd. Monish Jatakiya embarked on his teaching journey at Sardar Vallabhai Patel School, Miraroad. In terms of academic pursuits, Aniket Chaydhari pursued a Ph.D. at the Polish Academy of Sciences, Poland, while Atharva Sapre and Shreyas Dindorkar continued their academic journey at the Czech Academy of Sciences, Prague, and IIT Gandhinagar respectively. Shreyas Dindorkar also excelled in competitive exams with an impressive GATE score (AIR: 2182). Additionally, students showcased their research acumen through poster and paper presentations at prestigious events like Chemscope at Sophia College and Xplore at Jai Hind College.