

JAI HIND COLLEGE (AUTONOMOUS)

Admission to Master of Science (M.Sc.) in Chemistry

Programme Overview/Objectives:

The Department offers M.Sc. program (by papers) in 3 specializations viz. Physical, Inorganic & Organic Chemistry and M.Sc. (by research) in analytical chemistry.

Our program specific objectives are as follows:

- **Concept building** through amalgamation of theory courses with practical/project to prepare students to take up research positions.
- Development of **research-oriented skills** through internships & participation in research meets, conferences.
- Building **technical skills** by promoting the use of sophisticated analytical instruments in projects as well as various training workshops.
- Facilitate acquiring additional skills- soft skills, laboratory management skills etc. to make our learners more **employable**.
- Present avenues for **entrepreneurial** ventures by interaction with alumni/industry.

Key Features:

- Active classroom engagement to provide ample learning opportunities to students for enrichment of the course content.
- Continuous internal assessment for a formative assessment & take remedial measures for effective teaching learning.
- Credits for online courses from MOOC platforms like SWAYAM to expand learning opportunities.
- Internships in research institutes, laboratories & industry for skill building and to ease the transition to research-based programs or employment opportunities.

Program Outcomes:

- Orientation towards competitive examination like NET/GATE/TIFR to progress into a doctoral program.
- Skill building- technical skills through internships and hands-on training and soft skills.
- The program is also aimed at creating entrepreneurs through interaction with alumni and industrialists.

Eligibility for Admission:

- A learner for being eligible to apply for admission to the M.Sc. degree course by papers in Chemistry must have passed: -

The B.Sc. degree examination of this University or degree of any other University recognized as equivalent thereto with Minimum 46 credits or its equivalent (i.e, the minimum credits required for majoring in a subject, and excluding the credits for optional courses) of the subject which he wants to offer for the M.Sc. degree course by papers.

- An **entrance examination** will be conducted for admission to the M.Sc. program. Admissions will be on merit (percentage of aggregate marks/grade secured at the qualifying examination) as well as marks secured in PG entrance test conducted by college. Reservation criteria shall be followed as prescribed by the Government & University at the time of admissions.

Number of Seats/Total Intake:

- The intake capacity is 10 (by papers) + 5 (by research)

Scheme of Courses & Number of credits for each semester:

Semester	Types of Courses	No of Courses	No of Credits	Total credits
I	Core / Optional Courses	4	4	24
	Practical Courses	4	2	
II	Core / Optional Courses	4	4	24
	Practical Courses	4	2	
I & II	Online Course	1	1	2
	Internship	1	1	
III	Core / Optional Courses	4	4	24
	Practical Courses	4	2	
IV	Core / Optional Courses	4	4	24
	Practical Courses	4	2	
III & IV	Online Course	1	1	2
	Internship	1	1	
	Total	36		100

Admission Schedule:

Master of Science (M.Sc.) in Chemistry 2020-2021

Particulars	Date and Time	Venue
<u>SALE & ONLINE SUBMISSION OF COLLEGE ADMISSION FORMS</u> along with documents as listed in Annexure 'A' (Payment of Form charges of Rs. 100/- online through Credit / Debit Cards or Net Banking) http://jaihind.radicalforms.com/	25 nd October- 3 rd November 2020 (3:00 pm)	Online
Entrance Examination	6 th November 2020	Online (Details will be mailed to you on your Email id)
FIRST MERIT LIST	10 th November 2020 (11.00 am)	College Website
Payment of Fees online and submission of University Undertaking as per Annexure 'B' enclosed herewith" for Confirmation of Admission	11 th November 2020	Online
SECOND MERIT LIST	12 th November 2020 (3.00 Pm)	College Website
Payment of Fees online and submission of University Undertaking as per Annexure 'B' enclosed herewith" for Confirmation of Admission	13 th November 2020	Online

For any queries email with
Subject: MSc Chemistry

admissions.science@jaihindcollege.edu.in

By Order

Annexure 'A'

DOCUMENTS REQUIRED TO BE UPLOADED AT THE TIME OF ONLINE SUBMISSION OF ADMISSION FORM

OPEN CATEGORY	<ol style="list-style-type: none">1) Copy of Std. XII Marksheet2) Copy of Degree Marksheet (Semester V & VI Marksheet)
SINDHI MINORITY CATEGORY	<ol style="list-style-type: none">1) Copy of Std. XII Marksheet2) Copy of Degree Marksheet (Semester V & VI Marksheet)3. Copy of Sindhi Panchayat Certificate /Affidavit by either parent.
RESERVED CATEGORY	<ol style="list-style-type: none">1) Copy of Std. XII Marksheet2) Copy of Degree Marksheet (Semester V & VI Marksheet)3) Caste Certificate4) Non-Creamy Layer Certificate (for other than SC / ST).5) Income Certificate from the District Collector.

Annexure 'B'

University of Mumbai

DECLARATION /UNDERTAKING FROM THE STUDENT

I, Mr. /Ms.....

Mobile No: Email Address: here by

declare that information submitted in admission form is correct. I am confirming my admission for

course.....

at college.....

for academic year 2020-21. My registration no of Mumbai University digital portal is.....

I agree that :

1. I will not confirm my admission to any other college.
2. I will submit my all original documents to the college whenever required to do so.
3. I am aware that if information in my admission form is found to be wrong and/or if it is known that I have submitted my original document to any other college, my admission will be treated as canceled.

Date:

Signature of Student

Place:

DECLARATION BY PARENT/ GUARDIAN

I..... (Mother / Father / Guardian)

hereby fully endorse the above declaration/undertaking given by my child/ward. I will further encourage my child/ward to do his/her best to observe the above stated undertaking in letter and spirit.

Date:

Signature of Mother / Father / Guardian

Place: