

JAI HIND COLLEGE (AUTONOMOUS)

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

Program 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.

Eligibility for Admission/ Admission Criteria:

- 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. The examination will be based on undergraduate Chemistry syllabus. 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 2021-2022

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/	22 nd June- 06 th July 2021 (3:00 pm)	Online
Entrance Exam Fees: Rs. 500/-		
Entrance Examination	12 th July 2021	Online (Details will be mailed to you on your registered Email id)
FIRST MERIT LIST	14 th July 2021 (11.00 am)	College Website
Admission round & payment of Fees online and submission of University Undertaking as per Annexure 'B' enclosed herewith" for Confirmation of Admission	16 th July 2021 (11:00 am)	Online
SECOND MERIT LIST	17 th July 2021 (3.00 pm)	College Website
Admission round & payment of Fees online and submission of University Undertaking as per Annexure 'B' enclosed herewith" for Confirmation of Admission	19 th July 2021 (11:00 am)	Online

For any queries email with Subject: MSc Chemistry	admissions.science@jaihindcollege.edu.in
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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 college _____ for academic year 2021-22. My registration no of Mumbai University digital portal is _____ I will not confirm my admission to any other college. I will submit my all-original documents to college. I am aware that if information in my admission form found wrong or even, I submitted my original documents in another 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 undertaking/declaration given by my child/ward. And I will endeavor to induce my child/ward to do his/her best to observe the above stated undertaking in words and spirit.

Date: : _____

Signature of Mother / Father / Guardian

Place :