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**INDIAN  
INSTITUTE OF  
TECHNOLOGY  
JODHPUR**

# 2-year M.Sc. in Computational Social Science

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**From School of Liberal Arts**

In collaboration with  
CMCE, School of AI & Data Science



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# INTRODUCTION

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Computational social science is an exciting new field that combines the methods and tools from computer science and data science with the fundamentals of social science disciplines. It draws inspiration from the experimental, social, and behavioral sciences, merging their explanatory focus with the predictive capabilities of large-scale data. This integrative approach, combined with the creation of robust research infrastructure, allows computational social scientists to pursue replicable, cumulative, and ultimately useful solutions.

*The MSc Computational Social Science is 2-year a program on the new and emerging area of Computational Social Science, which positions itself at the intersection of the social sciences, mathematics, and computer science. The program is designed to enable and equip the learners to adopt and master computational approaches to the social sciences so that they can significantly contribute in the coming age of AI and data-driven technology.*

The School of Liberal Arts, IIT Jodhpur, invites applications for admissions into its flagship 2-year **MSc Program in Computational Social Science** for the academic year 2022-23.

Details are available at IIT Jodhpur website under Admission Links > M.Tech.  
[https://iitj.ac.in/uploaded\\_docs/Advertisement\\_MSc%20CSS\\_A.Y.2022-23\\_19042022.pdf](https://iitj.ac.in/uploaded_docs/Advertisement_MSc%20CSS_A.Y.2022-23_19042022.pdf)



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## HOW TO APPLY

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Applicants are requested to use the following link to fill and submit the application form online:

[https://oa.iitj.ac.in/OA\\_PG\\_ADMISSION](https://oa.iitj.ac.in/OA_PG_ADMISSION)

The application link will remain active till 15 May 2022.

Applicants belonging to GEN-UR, GEN-EWS, and OBC categories are required to pay a processing fee of Rs. 300, while SC, ST, and PD applicants need to pay Rs. 150 during the submission of their application forms.

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## IMPORTANT DATES

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Closing Date of Application	15 May 2022
Exam Date (Selection Test and/or Interview)	5 June 2022
Declaration of Results for First List	19 June 2022
Last Date of Payment of Fees/Blocking Seat	29 June 2022
Declaration of Results for Second List	30 June 2022
Last Date of Payment of Fees/Blocking Seat	10 July 2022
Closing of Admissions	11 July 2022

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## FEES

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The fee structure may be found at:

<https://iitj.ac.in/admission/msc.php?id=fee>

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# ELIGIBILITY FOR ADMISSION

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The eligibility criteria prescribed below are the absolute minimum. Relaxation for SC/ST/PD candidates in the qualifying degree marks is as per the Ministry of Education, Government of India rules.

## QUALIFYING DEGREE

3- or 4-yr undergraduates with 1st class or 6/10 CPI or CGPA and specialization in Economics, Sociology, Psychology, Political Science, Computer Science, Mathematics, Statistics, all other Engineering disciplines.

Mathematics in Class XII is desirable.

## MARKS OBTAINED IN QUALIFYING DEGREE

At least 60% marks or 6.0/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)

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# CONTACT

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**In case of any query with respect to the online application, applicants may contact the Office of Automation (Academics) - [oa\\_automation@iitj.ac.in](mailto:oa_automation@iitj.ac.in)**

**Other general queries on working days (between 10.00 am to 5.00 pm)** may be directed to the following:

- 1) Office of School of Liberal Arts: [0291-2801402](tel:0291-2801402); email: [office\\_hss@iitj.ac.in](mailto:office_hss@iitj.ac.in).
- 2) Dr. Alok Ranjan: [0291-2801414](tel:0291-2801414); email: [alok@iitj.ac.in](mailto:alok@iitj.ac.in).
- 3) Dr. Ankita Sharma: [0291-2801406](tel:0291-2801406); email: [ankitasharma@iitj.ac.in](mailto:ankitasharma@iitj.ac.in).

Applicants shortlisted for the admission process will be required to bring the final submitted application form duly signed along with a copy of all educational testimonials at the time of admission.

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# ASSISTANCE, RESERVATION

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Selected candidates with a valid GATE score may get a fellowship based on funding available, and as per the Ministry of Education rules.

The norms of reservation for different categories shall be adopted as laid down by the Ministry of Education, Government of India rules.

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# KEY COURSES

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Fundamentals of CSS

Perspective in Computational Sociology

Understanding Social Realities

Principles of Macroeconomics

Seminar in CSS

Ethics for CSS

Social Science Research Methods

Introduction to Policy Analysis

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## SPECIALIZATION

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The proposed Master's program will offer the students specialization tracks that focus on rigorous academic training in the respective fields and build marketable skills suitable for academia and industry. The student will make the choice at the end of the second semester.

The two planned specializations and the curated option with which the M.Sc. CSS shall be launched are:



**Mathematical and Computational Economics**



**Computational Sociology**

A guided curated option is available for students who would like to opt for courses from both the specialization tracks.

