

## Master's Program in Computational Social Science (CSS)

The **Masters in Computational Social Science (MSc. CSS)**, which commenced in July 2022, is the flagship programme of the School of Liberal Arts (SoLA), Indian Institute of Technology (IIT) Jodhpur.

The program seeks to develop highly-skilled graduates equipped with theoretical, technical, and application-oriented knowledge that will enable them to construct, improve, analyze and apply theoretically-informed models to understand processes and phenomena.

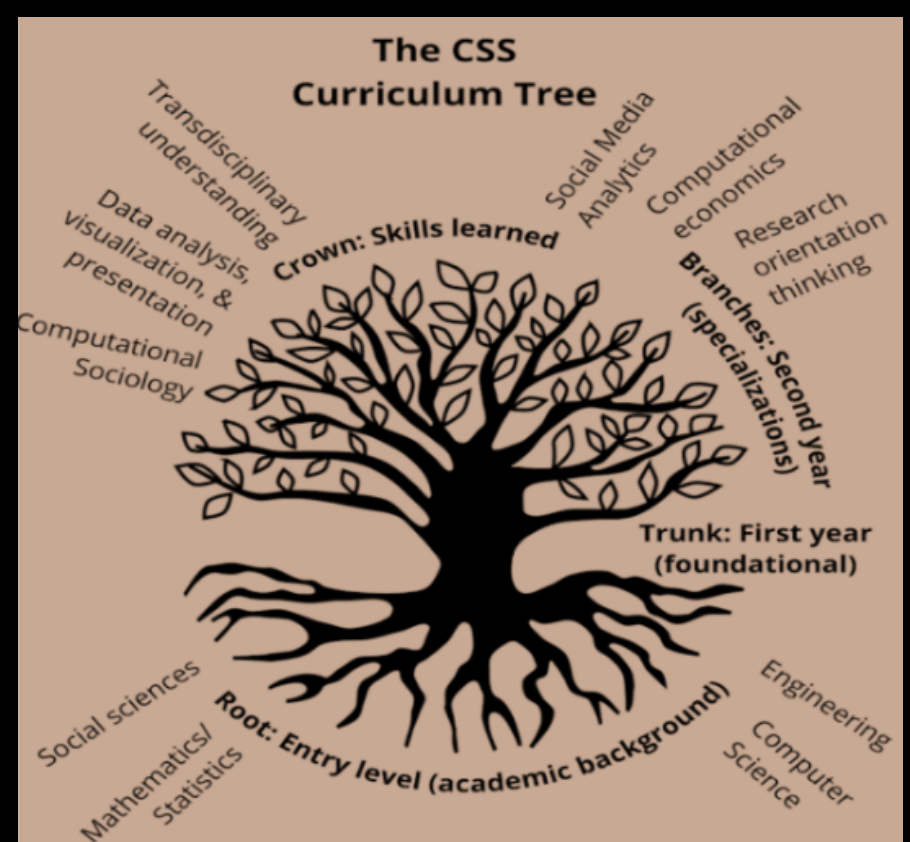
### Program Description:

#### FIRST YEAR

Introductory papers in the intersection of social science and computational methods (including Statistics, Programming in R, Machine Learning, Data Visualization, etc.) aimed at preparing students for tasks in data analytics.

#### SECOND YEAR - SPECIALIZATION

- Computational Sociology
- Mathematical and Computational Economics
- A Guided Curated Option for those who would like to opt for courses from both streams.



### Graduate Outcomes

Highly-skilled graduates equipped with theoretical, technical, and application-oriented knowledge and who:

- Know how to use data-driven tools and approaches for social science queries
- Have a good theoretical understanding of the intricacies of social systems
- Are proficient in handling social data for practical applications
- Have research-oriented thinking without traditional disciplinary or methodological constraints.