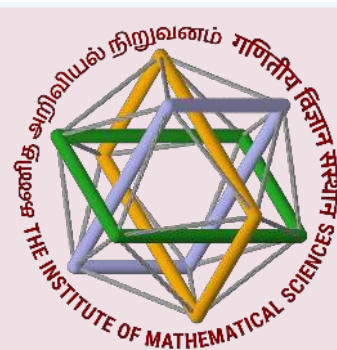


# Ph.D. programme at IMSc in Computational Biology



*For students interested in frontier research at the interface of biology, computation, physics, applied mathematics, data science*

## **Areas of research:**

*Biophysics and mechanobiology  
Systems and network biology  
Pattern formation and dynamics  
Biomolecular modelling  
Regulatory genomics  
Next-gen sequencing applications  
Evolutionary biology  
Computational neuroscience  
Epidemiology  
Machine learning and health outcomes  
Ecology  
... and more*



## **Eligibility:**

**Masters degree** in any branch of science or engineering or **4-year Bachelors degree** (B.E., B.Tech or equivalent) **Valid test score** from any **national research entrance examination** (UGC-CSIR NET, JEST, GATE, NBHM, DBT BINC, JGEEBILS, etc).

**Test scores must be valid as of June 2023.**

Last date for application: **30 April 2023**

Link for applications:

<https://forms.gle/TxNWH7i5nkq5iPBQ9>

For more details see

[http://www.imsc.res.in/computational\\_biology](http://www.imsc.res.in/computational_biology)

## **IMPORTANT DATES:**

**Application deadline: 30 April 2023**

**Interview dates: May-June 2023** (to be announced)

**Offers of admission: June 2023**

## **THE INSTITUTE OF MATHEMATICAL SCIENCES, CHENNAI 600 113**

IMSc is a leader in India in fundamental research in theoretical physics, mathematics and theoretical computer science, with several members actively pursuing research in interdisciplinary areas including computational biology. In 2013 IMSc started a unique Ph.D. programme in this subject, training students to apply cutting-edge computational and mathematical techniques to problems in modern biology, in collaboration with leading biology departments and institutions in India and abroad.

*IMSc is an autonomous national research institute under the Department of Atomic Energy, Government of India, and a constituent institution of the Homi Bhabha National Institute (HBNI), Mumbai (a deemed university). Ph.D. degrees will be awarded by HBNI.*