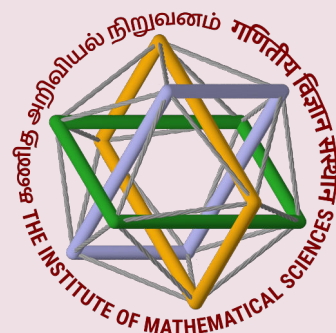


# CompBio @ IMSc

## 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



**Ph.D. programme in  
Computational Biology**  
*For students interested in frontier  
research at the interface of  
biology, computation, physics  
and applied mathematics*

## 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 2022.**

Last date for application: ~~30 April 2022~~ **15 May 2022**

Link for applications:

<https://forms.gle/L1pjsD14uoDeAtPy9>

For more details see

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

## IMPORTANT DATES:

**Application deadline:** ~~30 April 2022~~ **15 May 2022**

**Interview dates:** May-June 2022 (to be announced)

**Offers of admission:** June 2022

## 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.