



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(Deemed to be University)



## DEPARTMENT OF BIOINFORMATICS & THE CENTRE FOR MOLECULAR DATA SCIENCE & SYSTEMS BIOLOGY

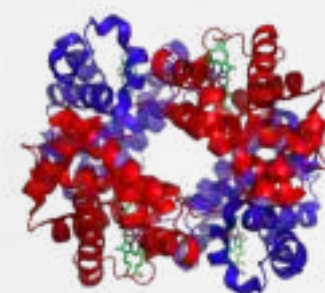
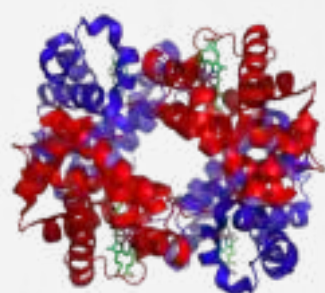


UGC (Government of India) -  
National Skills Qualifications Framework  
(NSQF)



APPROVED

## POST GRADUATE DIPLOMA IN COMPUTATIONAL BIOLOGY



### SALIENT FEATURES OF THE PGDCB

- One year, full - time (two semesters) course.
- Hands - on education in a fully industry-ready framework by highly qualified and experienced faculty.
- Interdisciplinary and comprehensive curriculum with fully application oriented courses in medicine and life sciences that reinforce large-scale computational, mathematical, statistical and engineering components.
- Integrated learning experience with a research-oriented dissertation involving course work and industry - readiness.
- Special emphasis on the use of artificial intelligence techniques in big data biology, genomics and drug discovery, spanning across various fields of computational biology and data science.
- Extensive mentoring and ardent assistance in core industry placement.
- A modern mix of computer science and life-science education that opens up prominent opportunities, promising careers and research avenues in the fields of genomics and data science.

### ELIGIBILITY

Indian nationals with qualifying B.Sc / B. Tech / MBBS / BDS / MSc. degree in Life Sciences / Medical Sciences or Specialisation in either subject of Biochemistry, Genetics, Microbiology, Biotechnology, Physics, Chemistry, Mathematics, Statistics, Neuroscience, Pharmaceutical Sciences, Agricultural Sciences. and all Engineering Disciplines.

### DATES TO REMEMBER

Last Date for Application: 20th November, 2020  
 Intimation of Selected Candidates: 23rd November, 2020  
 Last date for Fee Payment: 30th November, 2020  
 Commencement of the Course: 2nd December, 2020

**COURSE FEE - Rs 40, 000**

Click here to Enroll - <https://forms.gle/tX5M3yrBMqzjj8vp8>

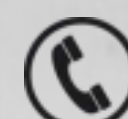
### ABOUT THE DEPARTMENT

The Department of Bioinformatics and the Centre for Molecular Data Science and Systems Biology (CMDSSB), at the Sathyabama Institute of Science and Technology had its inception in August 2001. It currently offers under graduate, post graduate and research programs in bioinformatics. The department has nurtured and promoted a very strong nexus among biologists, clinicians, computer scientists, mathematicians and engineers so as to create healthy and cross - curricular teams to undertake the systematic teaching and research of complex biological phenomena. The department is thorough interdisciplinary academic and research unit supporting high-impact computing research across the campus, the city of Chennai and the nation.

### CONTACT INFORMATION

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 THE CENTRE FOR MOLECULAR DATA SCIENCE & SYSTEMS BIOLOGY,  
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