

Savitribai Phule Pune University (Formerly University of Pune)

Bioinformatics Centre

**Notification for Admissions to M. Sc. Bioinformatics under the support of the
Department of Biotechnology (DBT), Govt. of India
(Academic year 2020-21)**

Name of University: Savitribai Phule Pune University
Name of the Department: Bioinformatics Centre
Title of Degree Course supported by DBT: **M. Sc. Bioinformatics**

To submit application for admission, please go to [Admission form for M. Sc. Bioinformatics](#)

The last date to submit the form is **October 27, 2020**

About The Centre:

Bioinformatics is a multidisciplinary field that involves computational studies of living systems at various levels ranging from molecular to ecological. Bioinformatics has emerged as the youngest discipline that drives basic and translational research leading to knowledge discovery in a multitude of areas such as medicine, drug and vaccine development, biodiversity, agro-biotechnology, environmental biotechnology, forensics etc. Bioinformaticians are in great demand worldwide in industry, R & D organizations as well as academia not only to analyse high-throughput data generated using omics technologies but also to lead data-driven, hypothesis-based research & development in various branches of life sciences. Students who get trained in bioinformatics and have a sound knowledge of basic natural sciences, statistics and mathematics can build a successful career. They can also contribute to development of new resources in bioinformatics such as algorithms, servers and databases.

Savitribai Phule Pune University (SPPU, formerly University of Pune) is a State University with national rank of 9 among all Universities (and 18 in overall ranking among institutions for higher education and research) reflective of high standards of education & research practices. The Bioinformatics Centre at SPPU was established in 1987, under the BTIS Network project of Department of Biotechnology, Govt. of India, with a mandate to develop expertise in Bioinformatics through research and related activities. The Centre has been a pioneer in research as well as education in Bioinformatics. The Advanced Diploma in Bioinformatics was launched at the Centre in 1997 and M. Sc. in Bioinformatics was initiated in 2002. The Centre has been recognized as a “Centre of Excellence” by the Department of Biotechnology (DBT), Government of India (2002 onwards) and by the Department of Electronics and Information Technology (DeITY), Government of India (2007-2013).

The major research areas where the faculty members of the Centre have made significant contributions include virus bioinformatics, structural bioinformatics, immunoinformatics, genomics, phylogenomics, chemoinformatics, therapeutics and drug design. A large number of

algorithms, databases, and web-servers have been developed by faculty members at the Centre. (Available at <http://bioinfo.net.in> & at <http://bioinfo.unipune.ac.in>)

The Bioinformatics Centre offers Ph. D. and M. Sc. program in Bioinformatics to meet the requirement of trained human resource in industry, academic and research institutions. Highly competent faculty members at the Centre, conducive environment for research, state-of-the-art computing facilities and a rich library are some of the highlights of the educational program at the Centre. Scientists from reputed national institutes and other departments of the Savitribai Phule Pune University also are invited to contribute to teaching of various relevant areas in the M. Sc. Bioinformatics program. The Centre also conducts national and international workshops and training programmes on a regular basis.

The students trained at the Centre have maintained a very good success record in various national level examinations such as BINC, CSIR-UGC NET, BET, etc. and also find placement in Industries. The Bioinformatics Centre has very good interaction with industry and carries an enviable record of its students being absorbed by industry and R & D institutions in India and abroad. Some of the students have turned out to be successful entrepreneurs and produced well-established profit making ventures in a short span of time. For additional information please visit <http://bioinfo.net.in>.

Total Number of Seats (DBT Supported): 30

Distribution of seats to different Categories will be as per the Government of India policy and regulations.

Eligibility Criteria for M. Sc. Bioinformatics:

Students who have

1. obtained **Bachelors' degree** / appeared for the final semester examinations of the Bachelors' degree courses as listed in the table below
and
2. secured a qualifying score in Graduate Aptitude Test of Biotechnology (GAT-B) may apply.

Qualifying Degrees	Minimum Grade/Percentage required in the qualifying degree program
B. Sc. degree in any area of pure or applied Life Sciences/Physical Sciences/Chemical Sciences/Statistics/Mathematics/Computer Science	For candidates belonging to Open (General) Category : First class with minimum 60% marks or Grade A with a minimum CGPA of 6.0 on the scale of 0-10
OR B.E./B.Tech./M.B.B.S./B.A.M.S./B.H.M.S./B. Pharm/B.V.Sc.	For candidates belonging to Reservation categories : Second class with minimum 55% marks or Grade B with a minimum CGPA of 5.5 on the scale of 0-10

Contact details

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