

DYPUNM/SBB/1303/2026

Date: 14th August 2026

**ADVERTISEMENT FOR THE POST OF ASSISTANT PROFESSOR /
ASSOCIATE PROFESSOR - BIOINFORMATICS**

**Job Description – Assistant Professor / Associate Professor,
Bioinformatics**

Location: School of Biotechnology & Bioinformatics, Plot 50, Sector 15, CBD Belapur, Navi Mumbai, D.Y. Patil Deemed to be University, Navi Mumbai

Organization: School of Biotechnology & Bioinformatics, Plot 50, Sector 15, CBD Belapur, Navi Mumbai, D.Y. Patil Deemed to be University, Navi Mumbai

Department: Biotechnology & Bioinformatics

Position Summary

We are seeking a motivated and academically strong **Assistant Professor / Associate Professor in Bioinformatics** with expertise in **Artificial Intelligence, Machine Learning, Programming and Computational Biology**. The candidate will contribute to undergraduate and postgraduate teaching, student mentoring, active research and the academic development of the Bioinformatics Department.

The selected faculty member will also contribute to the development of the School's **AI & Digital Biology Cluster**, an interdisciplinary initiative focused on applying AI, computational approaches and digital technologies to biological, biomedical and healthcare research.

Key Responsibilities

- Teach undergraduate **B.Tech.** and postgraduate ****M.Sc. **** students in areas including Artificial Intelligence, Machine Learning, Python, Programming, Data Science, Bioinformatics and Computational Biology.
- Develop and deliver practical, application-oriented courses integrating programming, AI/ML and biological sciences.
- Mentor students in academic projects, dissertations and interdisciplinary research projects.
- Establish and actively pursue research in **AI, Machine Learning, Bioinformatics, Computational Biology and Digital Biology**.
- Publish research findings in reputed peer-reviewed journals and conferences and contribute to research proposals and externally funded projects.



- Contribute actively to the development of the **AI & Digital Biology Cluster**, including AI/ML applications in genomics, NGS, multi-omics, biomedical data analysis, drug discovery and other emerging areas of Digital Biology.
- Develop computational pipelines, analytical tools, software applications and AI-enabled solutions for biological and biomedical research.
- Establish interdisciplinary collaborations with researchers and faculty in Biotechnology, Bioinformatics, Medicine, Healthcare and allied disciplines.
- Guide postgraduate students in research and contribute to strengthening the research ecosystem of the Department and the School.
- Participate in academic activities including curriculum development, workshops, seminars, conferences and other institutional initiatives.

Eligibility Criteria

- Postgraduate degree and/or Ph.D. in **Computer Science, Computer Applications, Artificial Intelligence, Data Science, Bioinformatics** or a closely related discipline.
- Strong programming skills in **Python** are desirable. Knowledge of R, C/C++, Java or other programming languages will be an advantage.
- Demonstrated knowledge or experience in **Artificial Intelligence, Machine Learning, Deep Learning and/or Data Science**.
- Experience in applying computational approaches to **biological, genomic, biomedical or healthcare data** will be preferred.
- Candidates with research publications, project experience or demonstrated expertise at the intersection of **Computer Science and Life Sciences** will be given preference.
- Candidates should have a strong interest in **teaching, student mentoring and active research**.

Application Details

Interested candidates may kindly send their **updated CV along with a Covering Letter** to:

biosciences@dypatil.edu Mention “**Application for the post of <Assistant Professor/ Associate Professor> in Bioinformatics**” in the subject line

Last Date to Apply: Applications will remain open until the position is filled.

For further information, please contact:
022-68797949 / 022-68797956