MSc (by Research) on COMPUTATIONAL BIOLOGY & BIOINFORMATICS

Yenepoya (Deemed to be University)

YENEPOYA [DEEMED TO BE UNIVERSITY]

UNLOCK THE WORLD OF COMPUTATIONAL BIOLOGY & BIOINFORMATICS!

A two-year multidisciplinary program designed to provide you with the skills and knowledge necessary to thrive in this rapidly evolving field of biological data analysis.

ADMISSION OPEN 2023 - 25
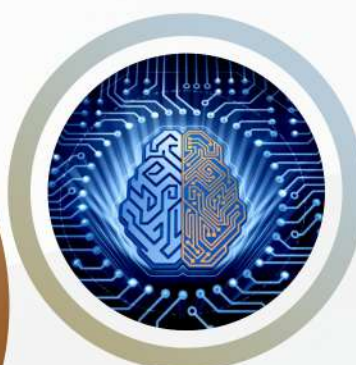
Apply online
10th July - 31st August 2023

Program starts on
4th September 2023

ELIGIBILITY
Bachelor's Degree in any Branch of **SCIENCE / ENGINEERING / MEDICINE**

What will you learn?

- Explore cutting-edge genomic technologies and next-generation sequencing analysis (NGS).
- Learn mass spectrometry-based proteomics analysis.
- Gain expertise in big data integration using artificial intelligence (AI) and machine learning (ML).
- Develop proficiency in Python and R programming.
- Acquire a strong foundation in computer-aided drug design (CADD).
- Develop skills in health informatics.
- Identify potential drug compounds through metabolomics.
- Learn multi-disciplinary research methodology.
- Gain hands-on experience through research projects in a real-world setting.

CAREER OPPORTUNITIES

- NGS data analyst
- IT industry, specializing in AI and ML development
- Pharmaceutical sector
- Big data analyst in multiomic domain
- Bioinformatician in academia, industry, and government organizations
- Higher education teaching, pursuing PhD (India /Overseas)

Online application link :
https://yenepoya.res.in/service/application-form/

YENEPOYA RESEARCH CENTRE
YENEPOYA (DEEMED TO BE UNIVERSITY)
3rd Floor, Academic Block, YMC Building

✉ msccomputationalbiology@yenepoya.edu.in ☎ 0824 2204668 Ext. 2035

ACCREDITED WITH GRADE A+ NAAC