YENEPoya UNIVERSITY
Recognized under Sec 3(A) of the UGC Act 1956
Mangalore 575018, India

Explore the future of biology and medicine using DATA

Advertisement for MSc Computational Biology

Yenepoya University (YU) is offering MSc degree (credit based semester system) in Computational Biology

- Get work experience as you learn!
- Get career guidance, and placement assistance!
- Get industry-ready and research-oriented training!
- Explore intensive practical-based learning!
- Work on real-life data/problems!
- Explore the opportunities to get a PhD!
- Develop your interpersonal skills!

Work in collaboration with scientists from institute of Bioinformatics, Bangalore and many other leading scientists.

Syllabus in brief:

Semester 1
- Mathematics and Statistics
- Programming and Algorithms
- Databases and Application Design
- Modeling and Simulations
- Programming in C++/Java

Semester 2
- Concepts in Biology
- Computational Genomics
- Computational Proteomics
- Computational Metabolomics
- Applied Genomics/Proteomics

Semester 3
- Research Methodology
- Biomedical Informatics
- Molecular Modeling
- NGS Analyses
- Grant Proposal Writing/IPR

Semester 4
- Project Work

Deadline: July 25, 2015
Apply NOW!

For detailed information, visit:
http://yenepoya.edu.in/

Eligibility:
- Bachelor’s degree in any branch of Science securing a minimum of 45% marks in aggregate (excluding languages) recognized by any Indian University OR pass in Health Sciences & Engineering streams.

Desirable:
- Mathematics as one of the principal subjects of the study at 10+2 level

Contact: Registrar
Yenepoya University
registrar@yenepoya.edu.in
Yenepoya University

Salient features of M.Sc. (Computational Biology) course.

**Objective:** The course is intended to provide the candidates industry-ready, as well as, research oriented training in the field of bioinformatics/computational biology and developing skills and obtaining practical experience in the area of computational biology.

**Duration of the course:** 2 year (4 semesters)

**Annual Intake:** 10 students per year

**Eligibility:** Bachelor’s degree in any branch of Science securing a minimum of 45% marks in aggregate (excluding languages)

OR

Pass in Health Sciences & Engineering Streams recognized by any Indian University.

**Selection Procedure:** Selection will be based on the marks secured in the Qualifying exam and performances at the personal interview.

**Medium of Instruction:** The medium of instruction and exam shall be English.

**Course fees:** Rs. 55,000/- P.A. Hostel fees – in addition.

**Attendance:** 75% of the total number of classes both in theory and practical in each of the subjects separately for each semester.

**Scheme of Examination:** There shall be three University Examinations one each, at the end of 1 semester, 2 semester & 3 semester. Forth semester is dedicate to project work and there will be evaluation of the project work at the end of 4th semester.

**Award of degree:** Yenepoya University will award the M. Sc in Computational Biology degree at annual Convocation as per the University Regulations.

**Faculty:** The University has an excellent team of qualified, experienced and dedicated teaching faculty in all the Departments and Hospital.
Facilities & Amenities: Adequate and spacious A/C lecture halls and demonstration rooms, provided with LCD Projectors, Overhead Projectors and White Boards.

Library: Fully digitized, the library has good number of books and journals including online journals e-books etc. for teaching and research. All the departments have access with connectivity to Helinet from RGUHS and ENSCO Medline DELNET, CINHAI etc., Library is kept open from 9.00 a.m. to midnight. During exams, the timings are extended. Altogether it is a Wi-Fi Campus.

Research: Yenepoya Research Centre is established for pursuing research on need based current health and related problems. A number of projects funded externally and internally are under progress.

Hostels: Separate hostels for Undergraduate students (Boys/Girls) are available on campus. Separate hostels for PGs and Interns are also available.

Central Kitchen: Caters to the food needs of all the hostels, canteens in the campus.

Sports & Recreation: Yendurance Zone the large sports complex and indoor stadium with facilities like Table Tennis Court, Badminton Court, Basket Ball Court, Squash Court, Yoga and Aerobic Hall, Mini Theater etc. A well equipped Gymnasium is also available.

Transport: Fleets of transport (buses, minibuses, jeep and cars) are provided for commuting the staff and students. Facilities of Cafeteria, Canteen, ATM, Shpping Complex, Post Office in and around the campus are available.

Ragging: The Yenepoya Campus has been declared as “Ragging Free Zone” Ragging in any form or abetment to ragging is totally prohibited and the same constitutes an offence. Those who are found guilty of ragging/abatement under law. Students are warned to refrain from indulging in such anti social activities.

For further information the University office may be contacted either in person or through E-mail.

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APPLICATION FOR ADMISSION TO M.Sc. COMPUTATIONAL BIOLOGY COURSE – 2015-2016 IN YENEPoya UNIVERSITY
(To be filled in by the Applicant in BLOCK letters)
[Incomplete applications will be rejected]

Application/Registration fee Rs. 500/-paid by DD No.……………………
Dated:…………………………………Bank……………………………………...
Name of the Applicant………………………………………………………………
Father’s Name: ………………………….Occupation…………………………
Mother’s Name: ………………Occupation……………………………………
Gender: …………………Date of Birth………………………………
Marital status: …………………….Mother Tongue…………………………
Place of Birth: ………………………….City ……………………………………
State: …………………………………....Country ……………………………
Religion: ……………………………….Caste: ……………………………
Category: …………………………… GEN OBC SC ST
Nationality…………………………
Citizen Indian / NRI / FOREIGN
If Indian State of Domicile…………………………

Permanent Address: Present / correspondence address
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1. Academic information:-

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<th>Max. Marks</th>
<th>Marks obtained</th>
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*Please attach copies of proof of date of birth (SSLC) and marks cards of the qualifying examination.

**DECLARATION BY THE APPLICANT**

1. ............................................. I, declare that to the best of my knowledge and belief, the particulars furnished by me are true. If found untrue I am prepared to forego the seat.

2. ............................................. I, undertake to abide by all the rules and regulations relating to the university and the hostel framed from time to time.

3. ............................................. I, understand that the management has the full authority to expel the student for disinterest in studies, misbehavior/misconduct, violation of rules and regulations.

4. ............................................. I, hereby declare that we know the financial obligation and we can afford and undertake to pay the tuition and other fees payable to the institution under the rules of the university and also understand that the fees once paid will not be refunded for any reasons.
Signature of the Applicant

UNDEARTAKING BY THE CANDIDATE/STUDENT

1. I ……………………………………………………………………………………………………………………………
   S/o. / D/o. of Mr./ Mrs./Ms…………………………………………………………………………………………
2. I have carefully read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central/State Government in this regard.
3. I have received a copy of UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions 2009.
4. I hereby Undertake that;
   • I will not indulge in any behavior or act that may come under the definition of ragging.
   • I will not hurt anyone physically or psychologically or cause any other harm.
   • I will not participate in or abet or propagate ragging in any form.
5. I hereby agree that if found guilty of any aspect of ragging, I may be punished as per the provision of the UGC Regulations mentioned above and / or as per the law in force.
Signed this………………………………….. day of --------------------------- month of ……………………year

Signature
Address……………………………………………………
………………………………………………

Name:
1. Witness:
   (Signature with name and address)

2. Witness:
   (Signature with name and address)
A. Please attach to the application photo copies of the following documents

1. SSLC marks card /date of birth certificate
2. Marks cards of the qualifying degree Examination
3. Degree Certificate/Provisional Degree Certificate issued by the University
4. Registration Certificate issued by the statutory council (If applicable)
5. Payment by DD towards prescribed application fee.

B. At the time of personal interview/selection: All the above documents are to be produced in original for verification.

C. Documents to be produced in original on confirmation of admission:

1. SSLC pass certificate for date of birth
2. Marks cards of the qualifying degree Examination
3. Degree Certificate/Provisional Degree Certificate issued by the University
4. Registration Certificate issued by the statutory council (If applicable)
5. Transfer and Conduct Certificate issued from the institution last attended
6. Migration Certificate issued by the University (if from other state)
7. Medical Fitness Certificate
8. Photographs - 3 stamp size 3 passport size
9. Payment of the prescribed 1st Semester course fee has to be made by DD

In case of NRIs/Foreign Nationals the following additional documents are to be produced.

1. Copy of Passport
2. Student Visa