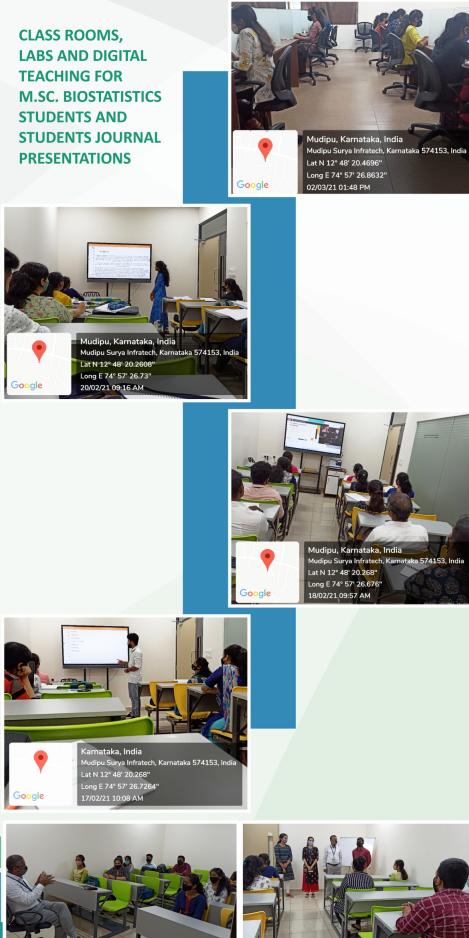


**CLASS ROOMS,
LABS AND DIGITAL
TEACHING FOR
M.Sc. BIOSTATISTICS
STUDENTS AND
STUDENTS JOURNAL
PRESENTATIONS**



About YENEPOYA (Deemed to be University)

- Founded in 2008, **Yenepoya University** is the first private Deemed to be a University in the district of Dakshina Kannada, Karnataka.
- Recognized under Sec 3(A) of the UGC Act 1956 Accredited by NAAC with 'A' Grade.
- The institute is known for its social commitment through conducting free medical, eye & dental camps, in the community. The institute offers different discipline courses in the field of medicine.
- NIRF 2020 (MHRD, Govt. of India) all India rank 86.
- Ranked in Band A for Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2020.
- Yenepoya (Deemed to be University) is among India's top 50 Universities featured in the global SCIMAGO Institutions Ranking-2021.
- UGC Approved Professional and Conventional Courses.
- Separate hostel facilities for boys and girls. AC & Non AC hostels, Free bus facility.
- The campus is well secured with all required facilities.

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How to Apply

Email us: statistics@yenepoya.edu.in
For more information regarding the MSc. Biostatistics and MSc. Statistics program kindly visit our University website



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**ADMISSION
OPEN**
FOR THE YEAR
2 0 2 1 - 2 2

**M.Sc. Biostatistics
M.Sc. Statistics**



**UGC approved COURSES OFFERED
by the Department**

- M.Sc. in Biostatistics**
- M.Sc. in Statistics**
- Ph.D. Programme**

OBJECTIVE OF THE PROGRAM

Department is going to offer Master's Programme in Biostatistics as well as in Statistics which are the kind of specialized courses that excels students to pursue a career in applied statistics like data scientist, market research, pharmaceutical research, Bio-medical research, Industry and other research organizations.

Program aims to prepare the students with inter-disciplinary expertise through

- Strong methodological foundations in Basic statistics and Applied statistics.
- Prepare the students to hold responsible and superior positions which use advanced statistical methodology.
- Specialized training in data management and analysis through statistical consultations.
- Competency to work in multiple programming environments (SPSS, R, Python, STATA, G* Power)



TEACHING METHODOLOGY

- Theory courses are delivered through regular classroom teaching, seminars, tutorials, self-directed learning, journal presentations and subsequent research orientation.
- Practical courses involve problem-oriented learning with exposure to software and consultations.
- Guest talks from various Universities, Research centers and Pharma Companies for M.Sc. Statistics and M.Sc. Biostatistics students

ELIGIBILITY CRITERIA

A. M.Sc. BIOSTATISTICS

- B.Sc. Statistics or B.Sc. Mathematics with Statistics as subsidiary subject of any University recognized by UGC and have secured a minimum of 50% marks in aggregate.
- BEOrB.Tech.
- B.Sc. with Computer Science as one of the subjects and have secured a minimum of 50% marks in aggregate.

B. M.Sc. STATISTICS

B.Sc. Statistics or B.Sc. Mathematics provided they have studied them as Major/Optional/Special subject and have secured a minimum of 50% marks in aggregate OR BA/B.Sc., degree in Actuarial Science with Mathematic and Statistics at subsidiary level and have secured a minimum of 50% of marks in aggregate from any University recognised by UGC.

Selection of candidates shall be on merit basis (Overall percentage of marks in the qualifying examination excluding languages).

COURSE STRUCTURE

Regular classes are conducted for the first three semester and the last semester is exclusively devoted to project work with internship; opportunities in either pharmaceutical industry or academic institution for MSc Biostatistics.

Regular classes are conducted for all semesters including a compulsory project work in lieu of one course in the fourth semester for MSc Statistics.

Duration: Two-year Regular Programme (four Semesters)

Course Curriculum Pattern

Choice Based Credit System (CBCS)

SCOPE OF THE PROGRAM

M.Sc. in Statistics

- Statistics as a technology of Data Analysis and decision making is useful in almost all the disciplines of the contemporary world in addition to the traditional employment in State and Central government departments, R & D Organizations, Educational institutions, industries, Banking, Computer software companies, medical and pharmaceutical research. These companies are looking for Data Scientists particularly Statisticians who can effectively carry out the scientific analysis of their data.
- Further, the theoretical foundations, design guidelines and computational skills associated with different fields of Statistics help the students to pursue higher studies in advanced areas of Statistics

M.Sc. in Biostatistics

- There has been a clearly increasing recognition of the contribution of Bio statistical expertise to an ever- expanding range of areas in medical, dental, genetic, and health science research. By developing new quantitative methods, characterizing underlying theory, and making innovative applications to scientific problems, Bio statisticians play a leading role in the advancement of biomedical, pharmaceutical and public health research. Demand for expertise in Biostatistics continues to be high in academia and in public and private sectors emphasizing health science research. There is a widely recognised shortage of graduates in Biostatistics relative to what appears to be a continually increasing demand for expertise in this area.



Workshop on Sample size and Power analysis in Medical Research Honourable Vice-Chancellor of the University delivering the inaugural address.



Lecture series on advanced Statistical methods for Medical, Dental, Nursing, Ayurvedic and other Allied courses faculties, Students and Research Scholars



Guest Lectures from various Research Institutions / Industries



Statistical consultation for Medical, Dental and other Allied courses faculties, Students and Research Scholars

