



- Qualified - Experienced faculty
- Air conditioned classrooms
- Smart boards for Lecturers
- Research Oriented Curriculum
- Industry oriented programs
- Well-furnished computer lab
- Statistical consultancies
- Transport and Hostel facilities



Our Graduates are in



DEPARTMENT OF STATISTICS

VISION:

To develop the department of statistics, as a premier center for teaching, training and research in statistical sciences responsive to emerging national and global needs.

MISSION:

- Creating competent professionals
- Generating and disseminating scientific knowledge and evidence.
- Collaborating and exchanging knowledge.
- To establish data center in the department for optimal functioning of the university and hospitals.

TESTIMONIALS

"Biostatistics @ Yenepoya gave me the necessary foundation and the right exposure to get to where I am today and I'm grateful for the beautiful memories."



Samartha K R
Project Assistant
Statistics, ICMR
Bangalore



Ms. Sushma
Data Analyst
MuSigmaDelta
Bangalore

"During my Biostatistics Master's programme, I had a successful experience. I want to start by expressing my gratitude to the faculty of the Department of Statistics at Yenepoya (Deemed to be University), who has helped me grow and become my best self. I will always be grateful to the faculty for keeping me motivated during my course. Also eternally grateful for the lovely memories."

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How to Apply

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



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DEPARTMENT OF STATISTICS
Yenepoya (Deemed to be University)
Mangalore, Karnataka



ADMISSION OPEN

FOR THE YEAR
2024 - 25

M.Sc. Biostatistics
M.Sc. Statistics

*Celebrating Academic achievement by
M.Sc. Biostatistics & M.Sc. Statistics Graduates*



UGC approved COURSES OFFERED
by the Department

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

OBJECTIVE OF THE PROGRAM

The Department offers Master's Programme in both Biostatistics and Statistics, providing specialized courses that equip students to excel in various applied statistical fields such as data science, market research, pharmaceutical research, biomedical research, industries, as well as other research organizations.

The program aims to prepare students with interdisciplinary expertise by providing them with,

- A strong foundation in Biostatistics/ Statistics, and Applied Statistics methodologies.
- The skills necessary to assume responsible and high-level positions that require advanced statistical methodologies.
- Specialized training in data management and analysis through statistical consultations.
- Competency in working with multiple programming environments such as SPSS, R, STATA, G* Power, and Python.

A Well - updated course curriculum designed in consultation with eminent facilities, statistical professionals and industrial experts would help the students to learn advanced topics in Statistics/ Biostatistics and make them competent to grab the opportunities.



TEACHING METHODOLOGY

- The program incorporates a variety of teaching methods to enhance the learning experience of students.
- Theory courses are delivered through a combination of regular classroom teaching, seminars, tutorials, case studies, self-directed learning, journal presentations, and research orientation, allowing students to gain a comprehensive understanding of the subject matter.
- Practical courses involve problem-oriented learning with exposure to software and Statistical consultations to solve health science problems.
- Guest talks by Experts from various Universities, Research centers and Pharmaceutical Companies for M.Sc. Biostatistics and M.Sc. Statistics students.

ELIGIBILITY CRITERIA

A. M.Sc. BIOSTATISTICS

Graduates with a minimum of 50% marks or equivalent grade in any of the following qualifications from UGC Recognized University may apply for M.Sc. Biostatistics programme.

- B.Sc. Statistics / Mathematics/Compute Science
- BE/B. tech/BCA
- Any other graduation with a minimum of two years of learning of Mathematics or Statistics.

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

B. M.Sc. STATISTICS

The following candidates are eligible for Admission to M.Sc. Statistics program:

Candidates who have passed the three year BA/B.Sc. degree examination of any University recognized by UGC with Statistics OR Mathematics OR Computer Science as one of the subject OR Any related discipline and have secured a minimum of 50% marks in aggregate.

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

COURSE STRUCTURE:

M.Sc. Biostatistics : The course structure includes regular classes for the first three semesters and the last semester is exclusively devoted to project work with internship; opportunities in either pharmaceutical industry or academic institutions.

For M.Sc. Statistics, regular classes are conducted for all semesters, and in the fourth semester, there is a compulsory project work in place of one course.

DURATION: Two-year Regular Programme (Four Semesters)

COURSE CURRICULUM PATTERN
Choice Based Credit System (CBCS)

SCOPE OF THE PROGRAM

M. Sc. in Biostatistics

There has been a clearly increasing recognition of the contribution of Biostatistical 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, Biostatisticians 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.

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 carryout 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.



About Yenepoya (Deemed to be University)

- Founded in 2008, **Yenepoya University** is the first private Deemed to be 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 programs in the field of medicine.
- Ranked 85th in NIRF Ranking 2023 under University Category by MHRD, Govt. of India.
- Ranked "Band Excellent" in Atal Ranking of Institutions Innovation Achievements 2021 (ARIIA 2021.)
- Yenepoya (Deemed to be University) is among India's top 50 universities featured in the global SCIMAGO Institutions Ranking for the year 2021
- Offers UGC Approved Professional and Conventional Courses.
- The campus is well secured with all required facilities.

BENEFITS

- Diverse career opportunities
- Experiential learning through statistical consultancy
- Internship and Project based learning
- Building Leadership Skills

AREAS OF PLACEMENT OPPORTUNITIES

- Statistician in Pharmaceutical Industry
- Data Scientists in industries / research institutions
- Biostatistician in Medical / Dental / Health Science Institutions
- Academic researcher
- Statistical officer in State and Central Government Office