



ACHARYA NAGARJUNA UNIVERSITY
CENTRE FOR DISTANCE EDUCATION
Recognized by Distance Education Bureau, New Delhi



Master of Science in Statistics (ODL MODE)

ABOUT ACHARYA NAGARJUNA UNIVERSITY (ANU)

Acharya Nagarjuna University, named after the illustrious Buddhist philosopher Acharya Nagarjuna, was established in 1976 and is strategically located between Vijayawada and Guntur on the Kolkata Chennai National Highway (NH 16). The university was inaugurated on 11th September 1976 by the former President of India, Sri Fakruddin Ali Ahmed, and celebrated its Silver Jubilee in 2001. NAAC has awarded "A+" grade accreditation, reinforcing its premier status. The university originated in 1967 as a Postgraduate Centre of Andhra University and later evolved into a full-fledged university in 1976. It is close to the historic site where Acharya Nagarjuna founded a global center of learning centuries ago. Over the years, ANU has expanded significantly, offering programs in Engineering, Education, Law, Pharmacy, Science, Commerce, Management, and Arts, along with advanced research centers. Its 293 acre campus provides state-of-the-art facilities including central library, laboratories, hostels, health center, transport, and recreational amenities.



WHY CHOOSE US?

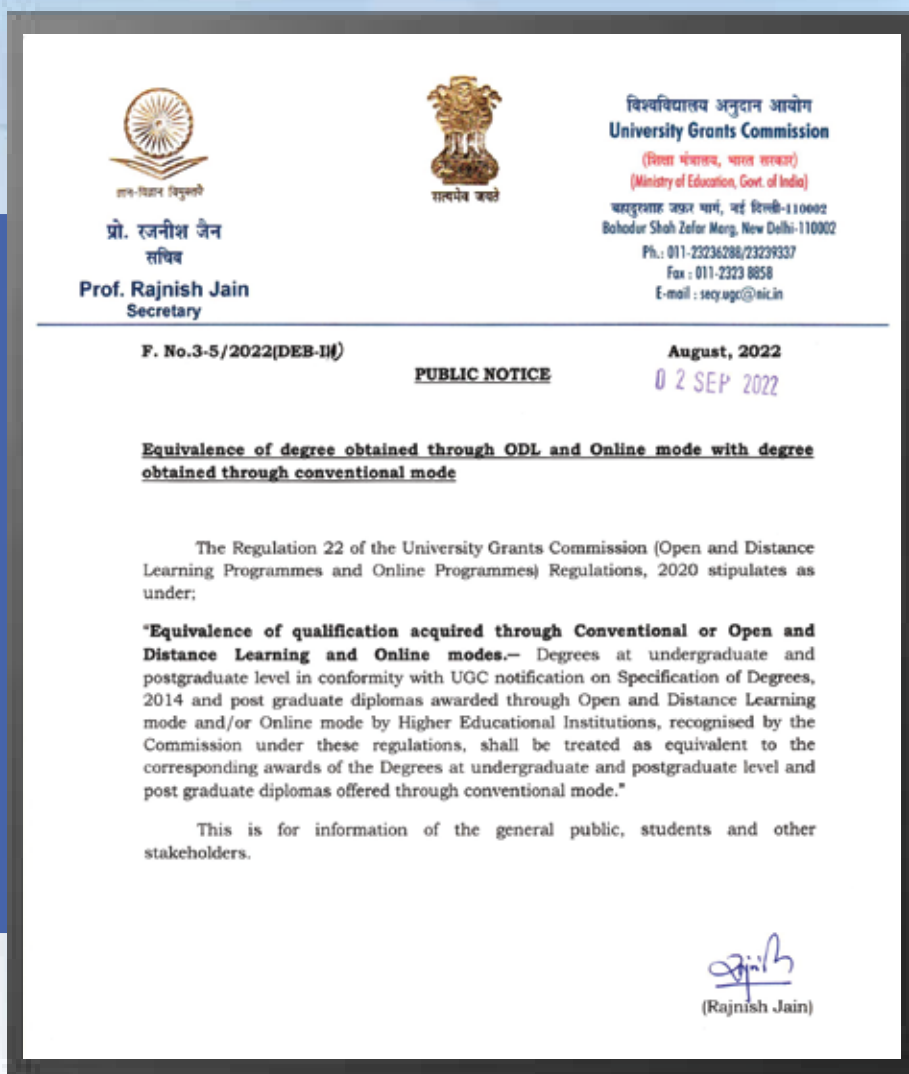
**NAAC 'A+'
Grade Accredited
University**

**NEP 2020 &
UGC Compliant**
Government Recognized
& Globally Accepted

**45+ Years
of Academic
Excellence**

ODL DEGREE = REGULAR DEGREE

As per UGC Regulations 2020 (Reg. 22), ODL degrees hold the same academic value as traditional degrees.



ADDED BENEFITS OF LEARNING ODL

Study Anytime,
Anywhere



Industry-Relevant
Curriculum

Cost-Effective
Learning



Access to Digital
Resources

MASTER OF SCIENCE IN STATISTICS



**2 YEARS
(4 SEMESTERS)**

Duration

**OPEN & DISTANCE
LEARNING (ODL)**

Mode of Learning



COURSE ELIGIBILITY

- B.A/B.Sc. with Mathematics and Statistics (Or) B.Tech./B.C.A. Candidates (those who studied Intermediate with M.P.C. – Mathematics, Physics and Chemistry) with work experience exclusively in Data Science/ Data Analysis for 5 years may also be considered for this course. For those candidates the course duration should be 2/ years. In the Pre I Semester they should qualify in Basic Statistics - Four theory and One Practical Paper. The work experience should be certified by the Data Science / Data Analysis division head for the concerned Company.



COURSE DESCRIPTION

The M.Sc. Statistics program at ANU equips learners with advanced statistical methods, probability theory, data analysis, sampling techniques, regression, multivariate analysis, and applications of statistics in business, economics, and research. Delivered in ODL mode, the program is designed for students and professionals aiming to build careers in analytics, research, finance, and data-driven industries.

SEMESTER-I		
Course Code	Paper Title	Credit
101ST24	Probability Theory and Distributions	4
102ST24	Statistical Computing Using R	4
103ST24	Estimation	4
104ST24	Sampling Theory	4
105ST24	PRACTICAL-I Statistical Software using R (papers 101ST24 and 102ST24)	4
106ST24	PRACTICALS-II (Papers on 103ST24 and 104ST24)	4

SEMESTER-II		
Course Code	Paper Title	Credit
201ST24	Multivariate Analysis	4
202ST24	Testing of Hypothesis	4
203ST24	Theory of Linear Estimation and Analysis of Variance	4
204ST24	Linear Models and Applied Regression Analysis	4
205ST24	PRACTICALS-I Statistical Software using SPSS and R (Papers on 201ST24 and 202ST24)	4
206ST24	PRACTICALS-II (Papers on 203ST24 and 204ST24)	3

SEMESTER-III		
Course Code	Paper Title	Credit
301ST24	Design of Experiments	4
302ST24	Statistical Quality Control	4
303ST24	Artificial Intelligence	4
304ST24	Reliability - I	4
305ST24	PRACTICAL-I Statistical Software using PSS and R (Papers on 301ST24 and 302ST24)	4
306ST24	PRACTICAL-II (Papers on 303ST24 and 304ST24)	4

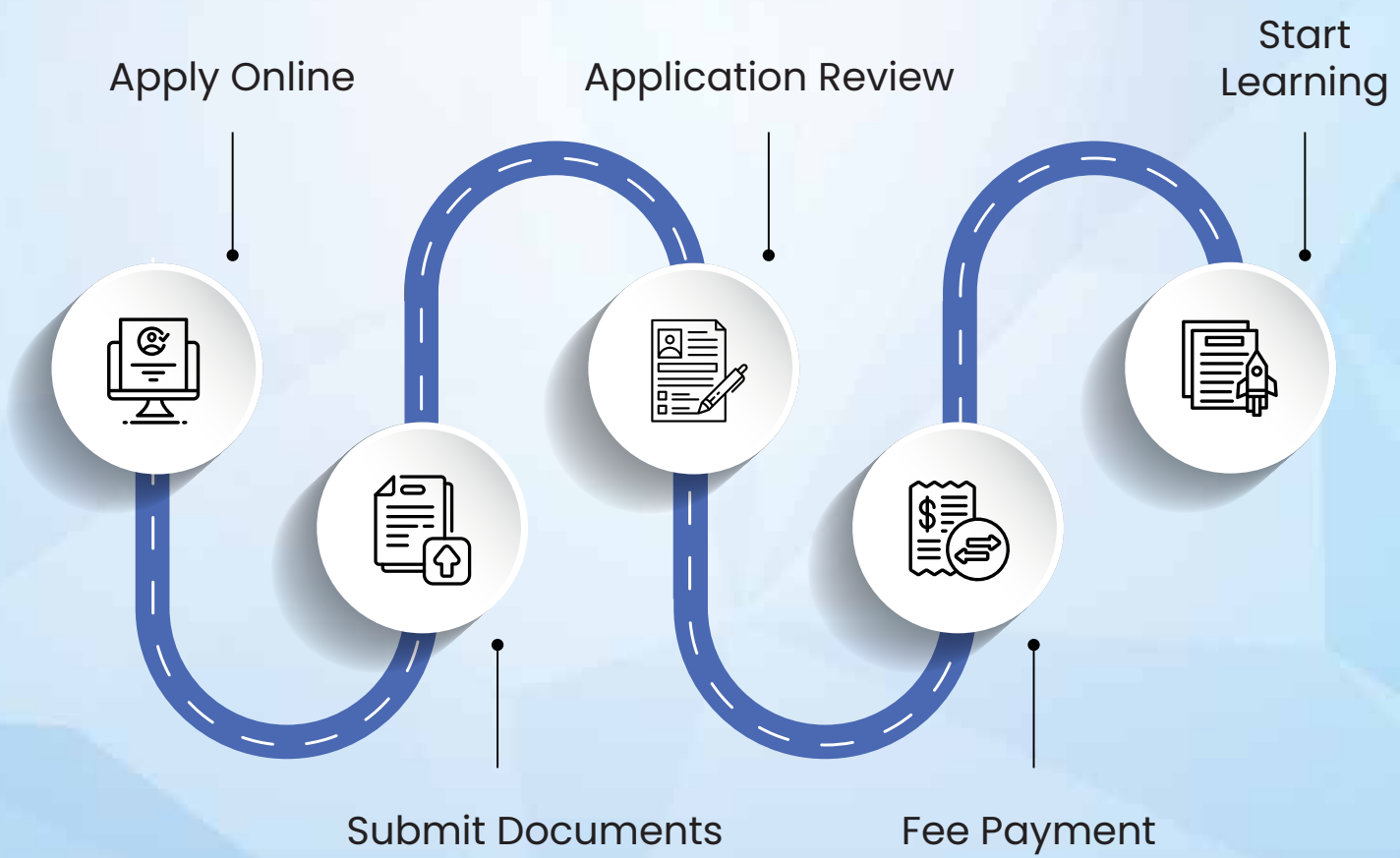
SEMESTER-IV		
Course Code	Paper Title	Credit
401ST24	Econometrics	4
402ST24	Acceptance Sampling Plans	4
403ST24	Operations Research	4
404ST24	Reliability - II	4
405ST24	PRACTICALS-I Statistical Software using SPSS and R (Papers on 401ST24 and 402ST24)	4
406ST24	PRACTICALS-II (Papers on 403ST24 and 404ST24)	4



FEE STRUCTURE

YEARLY	FEES
YEAR I	₹ 15,200
YEAR II	₹ 15,200
TOTAL	₹ 30,400

ADMISSION PROCESS



Career Opportunities After **M.Sc** Statistics

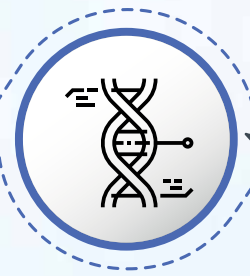
Graduates can pursue roles such as:



Data Analyst



Statistician



Biostatistician



Actuarial Analyst



Market Research Analyst



Risk Analyst



Quality Analyst



Research Scientist



Academic/
Lecturer



Start Your Journey with
ACHARYA NAGARJUNA UNIVERSITY

For more information contact:



+040 49171760

