



दीनदयाल उपाध्याय गोरखपुर विश्वविद्यालय

Deen Dayal Upadhyaya Gorakhpur University

(Accredited A++ by NAAC)

Centre for Distance and Online Education



LEARN MATHEMATICS WITH STRUCTURED FLEXIBILITY

M.SC MATHEMATICS
IN ODL MODE

ABOUT DEEN DAYAL UPADHYAYA GORAKHPUR UNIVERSITY

Deen Dayal Upadhyaya Gorakhpur University, founded in 1950, is the first university in Uttar Pradesh to emerge as a leading higher-studies centre after Independence. It has earned an A++ accreditation from NAAC for its relentless pursuit of its motto, “Let the noble thoughts come to us from all directions,” which reflects its openness to diverse perspectives, cultures, and values in its academic and organisational spheres.



WHY CHOOSE US?

75+
years of
legacy

12,000+
students
enrolled

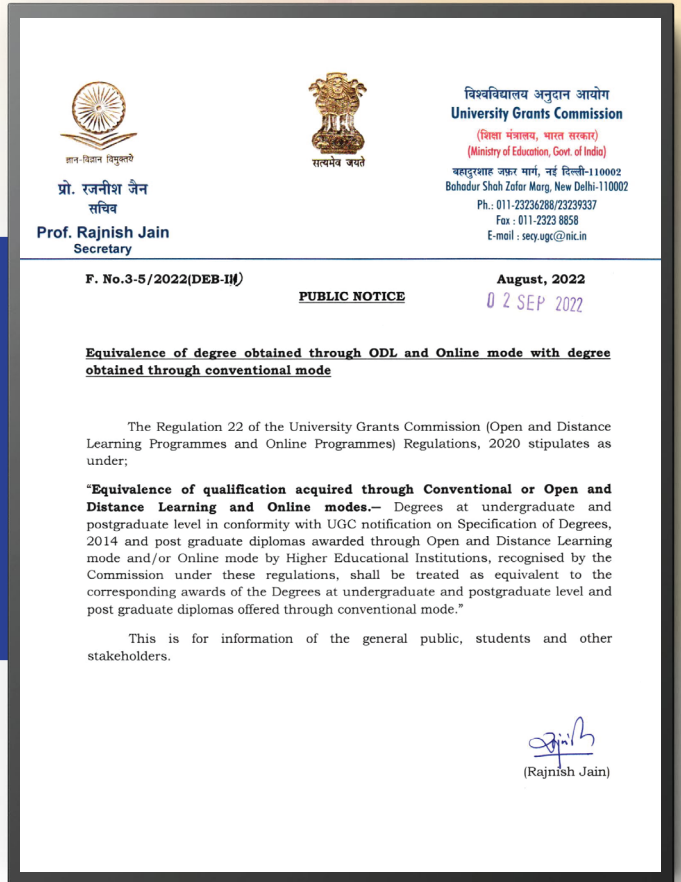
NAAC
'A++'
grade
accredited
university

130+
programs
offered

400+
Teaching
staff

ODL DEGREE = REGULAR DEGREE

According to Regulation 22 of the UGC in 2020, ODL degrees are now considered just as valid & credible as traditional, offline degrees.



ADDED BENEFITS OF OPEN AND DISTANCE LEARNING

Flexibility & Convenience



Industry-Relevant Curriculum



Cost-Effective Learning



Access to Digital Resources



MASTER OF SCIENCE (MATHEMATICS)



Duration

02 YEARS



Mode of Learning

**OPEN AND DISTANCE
LEARNING**

Learning Commitment: **8-10 hours/week**
(Recommended Hours)

COURSE ELIGIBILITY

A candidate who has successfully passed a Bachelor's Degree or equivalent qualification from a recognised University shall be eligible for admission to the programme.

COURSE DESCRIPTION

The M.Sc Mathematics program in ODL mode is designed for learners who want to strengthen their understanding of advanced mathematical concepts through independent, self-paced study. The course focuses on building strong foundations in pure and applied mathematics, including algebra, analysis, differential equations, and basic statistical methods.

Students study using structured self-learning materials provided in printed and digital formats, supported by academic guidance and study center facilities as per university norms. This mode is suitable for graduates preparing for competitive exams, teaching careers, or those who want to improve their analytical and quantitative skills while managing work or other responsibilities.

COURSE STRUCTURE

SEMESTER-I

COURSE CODE	COURSE TITLE
MAT- 501N	Groups and Canonical Forms
MAT- 502N	Topology
MAT- 503N	Differential and Integral Equations
MAT- 504N	Complex Analysis
MAT- 505N	Real Analysis

SEMESTER-II

COURSE CODE	COURSE TITLE
MAT- 506N	Fields and Modules
MAT- 507N	Differential Geometry of Manifolds
MAT- 508N	Partial Differential Equations
MAT- 509N	Operations Research
MAT- 510N	Fluid Dynamics
Open Minor Elective Course/ Open Elective Course	
MAT- 500N	Basic Statistical Tools for Mathematical Sciences

SEMESTER-III

COURSE CODE	COURSE TITLE
MAT- 511N	Number Theory
MAT- 512N	Functional Analysis-I
MAT- 513N	Mathematical Modelling
Discipline Specific Elective (DSE)/Elective Courses (Any one course of the Group-A/Opt any one)	
MAT- 514N	Discrete Mathematics
MAT- 515N	General Relativity and Gravitation
MAT- 516N	Summability Theory and Approximation
MAT- 517N	Hydro Dynamics
MAT- 518N	Numerical Solution of Differential Equations
Discipline Specific Elective (DSE)/Elective Courses (Any one course of the Group-B/Opt any one)	
MAT- 519N	Advanced Topology
MAT- 520N	Mathematical Epidemiology
MAT- 521N	Complex Manifolds
MAT- 522N	Riemannian Geometry
MAT- 523N	Hydro Statics
Project	
MAT- 524N	Project

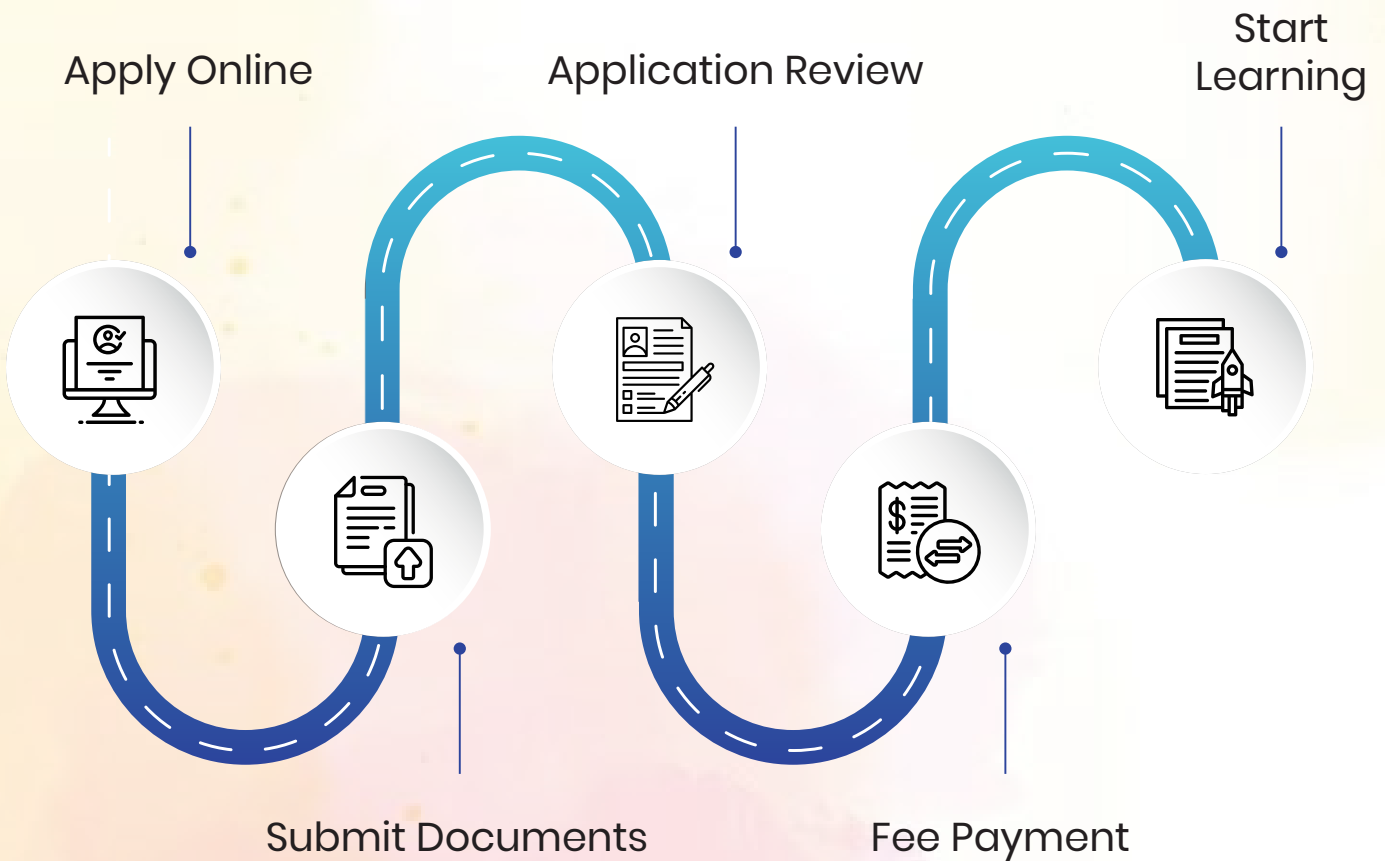
SEMESTER-IV

COURSE CODE	COURSE TITLE
MAT- 525N	Measure Theory
MAT- 526N	Functional Analysis-II
MAT- 527N	Classical Mechanics
Discipline Specific Elective (DSE)/Elective Courses (Any one course of the Group-A/Opt any one)	
MAT- 528N	Fourier Analysis
MAT- 529N	Cosmology
MAT- 530N	Wavelet Analysis
MAT- 531N	Magneto Hydrodynamics
MAT- 532N	Fixed Point Theory and its Application
Discipline Specific Elective (DSE)/Elective Courses (Any one course of the Group-B/Opt any one)	
MAT- 533N	Bio Mathematics
MAT- 534N	Contact Manifolds
MAT- 535N	Finsler Geometry
MAT- 536N	Variational Analysis and Nonsmooth Optimization
MAT- 537N	Mathematics for Humanities (Not for Mathematics Students)
Dissertation/Research Project	
MAT- 538N	Dissertation/Research Project

FEE STRUCTURE

M.Sc Mathematics	1st Year Fees	2nd Year Fees
Registration Fee	Rs. 500/-	-
Exam Fee	Rs. 3,000/-	Rs. 3,000/-
Course Fee	Rs. 9,000/-	Rs. 9,000/-
Total Yearly Fee	Rs. 12,500/-	Rs. 12,000/-
Total Fees	Rs. 24,500/-	

ADMISSION PROCESS





CAREER OPPORTUNITIES AFTER **M.SC** MATHEMATICS (ODL)

Graduates of this program have diverse career opportunities like:

Teaching
Roles



Data Support and
Statistical Assistant Roles



Research Assistance and
Project Support



Coaching and Academic
Support Services



Banking and Insurance
Sector Positions



Government and
PSU Jobs





[Learn Now](#)

WITH

**DEEN DAYAL UPADHYAYA
GORAKHPUR UNIVERSITY**



For more information contact:



09240271117