दीनदयाल उपाध्याय गोरखपुर विश्वविद्यालय

Deen Dayal Upadhyaya Gorakhpur University

(Accredited A++ by NAAC)

Centre for Distance and Online Education

M.SC MATHEMATICS

IN ONLINE 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

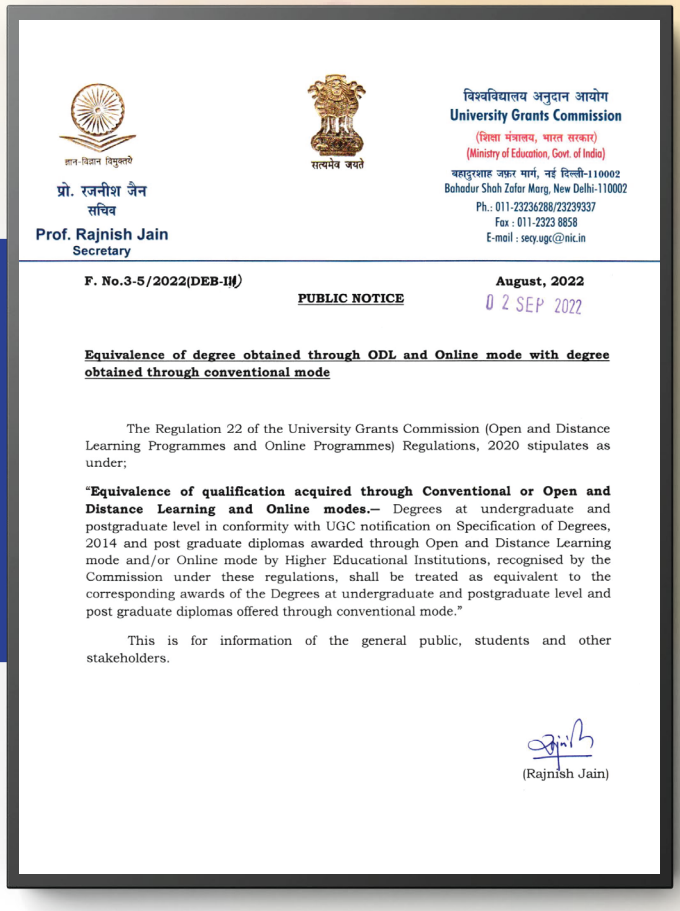
NAAC ‘A++’
grade accredited university

130+
programs offered

400+
Teaching staff

ONLINE DEGREE = REGULAR DEGREE

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



ज्ञान-विज्ञान विमुक्तये

प्रो. रजनीश जैन
सचिव
Prof. Rajnish Jain
Secretary

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(शिक्षा मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)
बहादुरशाह जफ़र मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002
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PUBLIC NOTICE 02 SEP 2022

Equivalence of degree obtained through ODL and Online mode with degree obtained through conventional mode

The Regulation 22 of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 stipulates as under;

"**Equivalence of qualification acquired through Conventional or Open and Distance Learning and Online modes.**— Degrees at undergraduate and postgraduate level in conformity with UGC notification on Specification of Degrees, 2014 and post graduate diplomas awarded through Open and Distance Learning mode and/or Online mode by Higher Educational Institutions, recognised by the Commission under these regulations, shall be treated as equivalent to the corresponding awards of the Degrees at undergraduate and postgraduate level and post graduate diplomas offered through conventional mode."

This is for information of the general public, students and other stakeholders.

(Rajnish Jain)

ADDED BENEFITS OF LEARNING ONLINE

- Flexibility & Convenience
- Industry-Relevant Curriculum
- Cost-Effective Learning
- Access to Digital Resources

M.SC MATHEMATICS

Duration

02 YEARS

Mode of Learning

ONLINE

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

COURSE ELIGIBILITY

Mathematics as a subject in UG III Year or B.Tech./BCA

COURSE DESCRIPTION

The M.Sc Mathematics program is designed for students who want to build strong analytical, logical, and problem-solving skills through advanced study of mathematical concepts. This postgraduate course covers core areas such as algebra, analysis, statistics, and applied mathematics, helping students develop a deep understanding of both theoretical and practical applications of mathematics.

With the flexibility of online learning, students can pursue their M.Sc in Mathematics from anywhere while maintaining the same academic rigor as a traditional on-campus program. This format is ideal for working professionals and graduates who wish to upgrade their qualifications without interrupting their careers.

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- 5010N	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

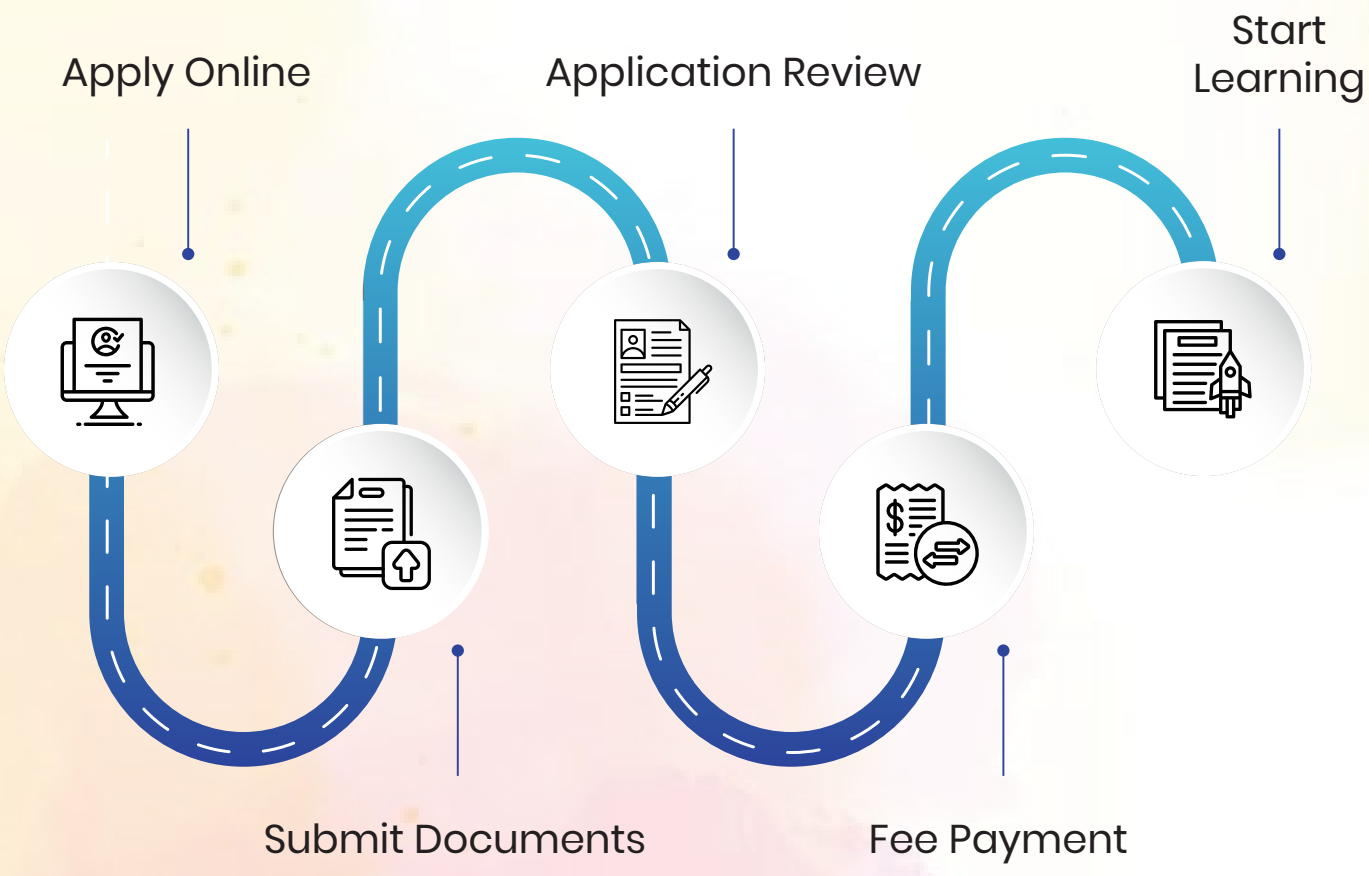
SEMESTER-IV

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

Online M.Sc Mathematics	1st Year Fee	2nd Year Fee
Registration Fee	Rs. 500/-	–
Course Fee	Rs. 12,000/-	Rs. 12,000/-
Exam Fee	Rs. 3,000/-	Rs. 3,000/-
Total Yearly Fee	Rs. 15,500/-	Rs. 15,000/-
Total Fees	Rs. 30,500/-	

ADMISSION PROCESS



CAREER OPPORTUNITIES AFTER M.SC (MATHEMATICS)

Graduates of this program have diverse career opportunities like:

- Lecturer/ Assistant Professor
- Data Analyst
- Statistician
- Research Assistant
- Quantitative Analyst
- Operations Research Analyst

Learn Now

WITH

DEEN DAYAL UPADHYAYA GORAKHPUR UNIVERSITY

For more information contact:

09240271117