



NAAC **A+**
GRADE

DIRECTORATE OF DISTANCE & ONLINE EDUCATION

PG DIPLOMA IN MATHEMATICS

COURSE BROCHURE (2026-27)

INTRODUCTION

We offer a PG Diploma in Mathematics, segmented into two semesters to understand applied mathematics with programming and computational skills. The course module covers an integrated form of theoretical and practical subjects. This program will help students acquire problem-solving skills, explore research opportunities, and lead to higher earning potential with career advancement in this technical field. The curriculum is designed with fundamentals and programming paradigms to develop readable projects and understand file processing operations.

MISSION:

- To guide students to cultivate mathematical and critical thinking skills for interpreting mathematical models and drawing insight in physics, economics, and engineering.
- To develop their understanding of mathematical fundamentals and their application to solve complex problems with proficiency in research and analytical skills.

OBJECTIVES:

- To empower candidates to prepare themselves for a competitive edge with flexible learning options to learn at their own pace.
- To encourage students to develop an understanding of mathematical functions in contemporary technology operations and to prepare them for potential job roles.



INSTRUCTIONAL DESIGN

The program is divided into two semesters and minimum credit requirement is 40 to get PG Diploma in Mathematics through OL mode from Mangalayatan University. Minimum time period for acquiring PG Diploma in Mathematics will be one year.

SEMESTER - I				
S.No.	Course Code	Course Theory	Credit	Subject Total
1	MMM-6111	Abstract Algebra	4	100
2	MMM-6112	Classical Mechanics	4	100
3	MMM-6113	Partial Differential Equations	4	100
4	MMM-6114	Real Analysis	4	100
5	MMM-6115	Differential Geometry	4	100
TOTAL			20	500

SEMESTER - II				
S.No.	Course Code	Course Theory	Credit	Subject Total
1	MMM-6211	Operations Research	4	100
2	MMM-6212	General Topology	4	100
3	MMM-6213	Complex Analysis	4	100
4	MMM-6214	Numerical Methods	4	100
5	MMM-6215	Programming in C	2	100
6	MMM-6251	Programming in C Lab	2	100
TOTAL			20	600

SYLLABI AND COURSE MATERIALS

Syllabi, PPR and self-learning materials are developed mostly by experienced faculty members of Mangalayatan University in consultation with contents experts and the same will be forwarded to CIQA and Board of Studies/Academic Council/ Executive Council for further suggestions and approval.

STUDY MATERIAL

The study material in digital format (e – content) of the programme shall be supplied to the students unit - wise for every course.

VIDEO LECTURES

The Video lectures as prescribed by the UGC Regulation shall be made available on the LMS portal of the University.

ONLINE COUNSELLING SESSIONS

The online counselling sessions shall be scheduled beforehand by the Subject Coordinator and informed to the learners. There shall be 6 online counselling sessions / contact classes of 1 hours each for a 4 credit course, held on Saturdays and Sundays. In case of 2 credits course there shall be 4 sessions of 1 hours each and in case of 6 credits course there shall be 8 sessions of 1 hours each.

MEDIUM OF INSTRUCTION

Medium of Course Instruction:

English

Medium of Examination:

English



STUDENT SUPPORT SYSTEMS

The university will appoint programme coordinators, course coordinator and course mentors to facilitate the learners in their learning.

Finally, The university has made appropriate arrangements for various support services including online counselling and resource-oriented-services, evaluation methods for both on and off line modes for easy and smooth services to the students' through online mode.

PROCEDURE FOR ADMISSIONS, CURRICULUM, TRANSACTION AND EVALUATION

FEE STRUCTURE						
Name of the Program	Degree	Duration	One Time Reg. Fee	Semester Fee	Exam Fee Per Semester	Full Year Fee
PG Diploma in Mathematics	PG Diploma	1 Year	1000	12000	1000	26000
Total						27000

ACTIVITY SCHEDULE						
S.NO.	Name of the Activity	Tentative months schedule (specify months) during year				
		From(Month)	To (Month)	From(Month)	To (Month)	
1	Admission	Jul	Sep	Jan	Mar	
2	Assignment submission (if any)	Sep	Oct	Mar	Apr	
3	Evaluation of Assignment	Oct	Nov	Apr	May	
4	Examination	Dec	Dec	Jun	Jun	
5	Declaration of Result	Jan	Jan	Jul	Jul	
6	Re-registration	Jul	Jul	Jan	Jan	
7	Distribution of SLM	Jul	Sep	Jan	Mar	
8	Contact Programmes (counselling, Practicals.etc.)	Sep	Nov	Mar	May	



CREDIT SYSTEM			
Duration of the Programme	Credits	Name of the Programme	Level of the Programme
1 Year	40	PG Diploma in Mathematics	PG Diploma

WHY ONLINE EDUCATION?

- Comfortable and Flexible
- Convenience of attending classes from home
- Cost Effective
- Time saving
- No commuting
- Monetary benefits- No textbooks required
- Repeated access to the same lecture
- Study anytime, anywhere
- Write proctored exam from home

ADMISSION PROCESS

- Register with Mangalayatan Online Programs
- Pay Registration fees through our available payment gateways
- Upload relevant documents and mark sheets
- Get provisional admission
- Pay semester fees
- Get admission confirmation from University
- Roll number allotted to every student
- LMS id and password creation.





Mangalayatan
ONLINE

Contact Us



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