



DEPARTMENT OF COMPUTER APPLICATIONS

UNDER THE AEGIS OF IQAC

SKILL ENHANCEMENT CERTIFICATION

COURSE ON

GENERATIVE AI AND PREDICTIVE ANALYTICS

FOR REAL-WORLD APPLICATIONS

September–November 2025

3:00 PM–4:30 PM

(Tuesday, Thursday)

STARTING FROM: SEP 30, 2025

HIGHLIGHTS

- 30 hours online training
- Generative AI, Applied Tools & Predictive Analytics.
- Hands on Sessions, Mini Projects & Case Studies
- Real World Datasets & Visualization Practice
- Career-Focused Skill Development

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REGISTER**



Maharaja Agrasen Institute of Management Studies

Affiliated to GGSIP University NAAC 'A++' grade accredited, Autonomous Status from UGC,
Approved by BCI & AICTE Recognized U/s 2(f) of UGC Act, ISO 9001:2015 Certified Institution

Campus: Maharaja Agrasen Chowk, Sector-22,

Rohini, Delhi-110086 India (Est. 2003)

Office Phone: 8448186950

www.maims.ac.in





About Maharaja Agrasen Technical Education Society

Maharaja Agrasen Technical Education Society (MATES) is a charitable trust comprising of a group of well-known Educationists, Industrialists, Businessmen, Professionals and Philanthropists with an aim to promote quality education in the field of Technology, Management, Law, Pharmacy and Health Services to shape the human society for a better future. Dr. Nand Kishore Garg (Founder & Chief Advisor – MATES, Chancellor – MAU, three times MLA – Delhi Vidhan Sabha) has been a significant source of inspiration and motivation for achieving the aims and goals of the society.

About Maharaja Agrasen Institute of Management Studies

Maharaja Agrasen Institute of Management Studies (MAIMS) was established in 2003 by the Maharaja Agrasen Technical Education Society. The institute has attained a distinct position in running BCA, BBA, B. Com (H), BA (H) Economics, BA (JMC), LLM, BALLB (integrated), and BBALLB (integrated) programs, all affiliated with Guru Gobind Singh Indraprastha University (GGSIU), Delhi. MAIMS has been accredited with a prestigious NAAC 'A++' grade and has been granted autonomous status by the UGC. The institute is also approved by the Bar Council of India (BCI) and the All-India Council for Technical Education (AICTE), and recognized under Section 2(f) of the UGC Act. Furthermore, MAIMS is an ISO 9001:2015 Certified Institution, reflecting its commitment to quality education and institutional excellence. Over the years, the institute has grown into a premier center of excellence, carving a niche in the fields of teaching, research, consultancy, and corporate development.



Maharaja Agrasen Technical Education Society (MATES), New Delhi

Dr. Nand Kishore Garg
Founder & Chief Advisor, MATES
 Chancellor, Maharaja Agrasen University, Baddi, HP



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<u>Lecture No.</u>	<u>CONTENTS OF THE COURSE</u>
1	Foundations and Strategic Relevance of Generative AI
2	Core AI Concepts and Computational Building Blocks
3	Generative AI models and their Classifications
4	Prompt Engineering: Principles and Techniques
5	Large Language Models: Foundations and Applications
6	Assessment: MCQ / Mini Capstone Project I
7	Integrating Predictive Analytics with Generative AI
8	Data Acquisition, Cleaning, and Preprocessing using GenAI
9	Regression Modeling and Forecasting with Generative AI
10	Classification Approaches Enhanced by Generative AI
11	Visualization Techniques and Performance Evaluation Metrics
12	Deriving Business Insights and Automated AI Reporting
13	Assessment: MCQ / Mini Capstone Project II
14	Generative AI in Professional Presentation and Design Automation
15	AI-Driven Video Creation and Editing Technologies
16	AI-Powered Animation, Storyboarding, and Creative Narratives
17	Generative AI Applications in Marketing and Social Media Strategy
18	AI-Enabled Learning Systems for Education and Corporate Training
19	Ethical Challenges and Responsible Use of Generative AI
20	Assessment: MCQ / Mini Capstone Project III

COURSE DESCRIPTION

Course Name: "Generative AI and Predictive Analytics for Real-World Applications"

Course Objective: This Generative AI Certificate Course is designed to introduce students to the core concepts, tools, and applications of Generative Artificial Intelligence in education, business, and creative domains. The course emphasizes hands-on learning with modern AI platforms, enabling students to generate text, images, and insights using state-of-the-art models. Through interactive sessions, practical exercises, and mini-projects, participants will gain the confidence to apply Generative AI effectively and responsibly in real-world scenarios.

REGISTRATIONS & CERTIFICATIONS

- **Number of Seats:** Limited seats are available on first cum first served basis.
- **Registration Fees** – Non-Refundable

Last Date for Registration	For External Participants	For Internal Participants
Last Date for Registration	₹400/-	₹300/-

- **Certificate of Merit** will be issued to top 3 Performers.
- **Certificate of Completion** will be issued to the participants who successfully complete the course.

PAYMENT DETAILS

Through PhonePe	
Account Holder's Name	Neetu Agarwal
Mobile No.	9999727887

REGISTRATION FORM LINK

After making payment, please fill the registration form using below link:

<https://forms.gle/JaLVYpXcn25wwhVi8>

REQUIREMENTS FOR ISSUE OF CERTIFICATE

- Minimum 75% Attendance.
- Submission of Capstone Project.
- Minimum 60% marks in Assessments.

ORGANIZING COMMITTEE

MENTOR

Prof. (Dr.) Rajni Malhotra Dhingra
Director, MAIMS

CHIEF COORDINATOR

Dr. Sarita Bansal Garg
HOD, Department of Computer Applications

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