



SHRI VILE PARLE KELAVANI MANDAL'S  
USHA PRAVIN GANDHI COLLEGE OF ARTS, SCIENCE & COMMERCE  
Autonomous - Affiliated to University of Mumbai  
Bhakti Vedanta Swami Marg, Juhu Scheme, Vile Parle (West), Mumbai 400 056.  
NAAC Re-accredited "A+" Grade with CGPA 3.27  
Email : [info@upgcm.ac.in](mailto:info@upgcm.ac.in) Website: [www.upgcm.ac.in](http://www.upgcm.ac.in)



25<sup>th</sup> May, 2026

**Interview of PG Admissions [MSc(IT) & MSc(AI&DS)]**  
**For the Academic year 2026 - 2027**

SVKM's Usha Pravin Gandhi College of Arts, Science and Commerce will be conducting interviews for admission to the Post-Graduate Programmes for UG - Third Year appeared / Passed Candidates.

Eligible candidates are required to appear for the admission interview as per the schedule displayed on the college website. Interviews details are as follows :

Venue : Room No. 6, 3<sup>rd</sup> floor

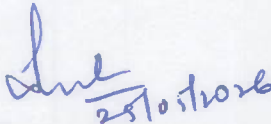
Time : 10:30 a.m.

Candidates must carry the following documents at the time of interview:

- Mark sheets of all UG Semesters
- Certificates (academic / co-curricular achievements, if any) obtained during the UG Programme
- Any other relevant supporting documents.

Basis of Merit List generation	
Interview Score	40%
Degree Marks - Total of Semester I to Semester VI OR Semester I to V (if Semester VI result not yet declared)	60%

**Note :** Candidates are advised to report on time and regularly check the college website for updates regarding the interview schedule.

  
25/05/2026  
Dr. Smruti Nanavaty  
I/c Principal



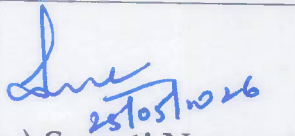


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**Syllabus For  
M.Sc. Information Technology  
Entrance Examination (2026-27)**

Sr. No.	Topics
1.	Logical Reasoning and Quantitative Aptitude
2.	Programming Concepts: C Programming, Python Basics, Variables, Loops, Functions, Arrays
3.	Object Oriented Programming: Classes, Objects, Inheritance, Polymorphism, Encapsulation
4.	Database Management System: SQL Queries, ER Diagrams, Normalization, Transactions
5.	Data Structures: Stack, Queue, Linked List, Trees, Graphs, Searching and Sorting Algorithms
6.	Operating System: Process Management, Scheduling, Memory Management, File Management
7.	Computer Networks: OSI Model, TCP/IP, IP Addressing, Routing, Switching, Network Security Basics
8.	Web Technologies: HTML, CSS, JavaScript, Web Applications, Client-Server Architecture
9.	Software Engineering: SDLC Models, Requirement Analysis, Testing Concepts, Agile Methodology
10.	Cyber Security Fundamentals: Authentication, Encryption, Malware, Firewalls, Cyber Threats
11.	Emerging Technologies: Cloud Computing, IoT, Artificial Intelligence Basics, Big Data Concepts

  
Dr. (Mrs.) Smruti Nanavaty  
In-charge Principal &  
Head of Department  
Department of Information Technology





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**Syllabus For  
M.Sc. Artificial Intelligence & Data Science  
Entrance Examination (2026-27)**

Sr. No.	Topics
1.	Logical Reasoning and Analytical Skills
2.	Programming in Python: Variables, Data Types, Operators, Conditional Statements, Loops, Functions, File Handling
3.	Mathematics for AI & DS: Probability, Statistics, Linear Algebra, Matrices, Vectors, Basic Calculus
4.	Data Structures: Arrays, Linked Lists, Stack, Queue, Trees, Graphs, Searching and Sorting Techniques
5.	Database Management System: ER Model, SQL Queries, Normalization, Transactions, PL/SQL Basics
6.	Machine Learning Basics: Supervised & Unsupervised Learning, Classification, Regression, Clustering
7.	Artificial Intelligence Fundamentals: Search Techniques, Expert Systems, NLP Basics, Neural Networks
8.	Computer Networks: OSI Model, TCP/IP, IP Addressing, Network Devices and Topologies
9.	Operating System: Process Management, Memory Management, File Systems, Linux Commands
10.	Software Engineering: SDLC, Agile Methodology, Testing Concepts, UML Basics
11.	Data Visualization & Analytics: Charts, Graphs, Data Interpretation, Basic Power BI/Tableau Concepts

*Swarnali*

Dr. (Mrs.) Swarnali Lotlikar  
Head of Department  
Department of AI and DS

