

NAAC Re-accredited Grade 'A' | Autonomous Institute
Affiliated to University of Mumbai

M.Sc. DATA SCIENCE AND AI



Data. Intelligence. Impact.

A future-ready program that empowers you with cutting-edge data science and AI skills to solve real-world problems and drive intelligent decisions.



INDUSTRY RELEVANT CURRICULUM



PRACTICAL LEARNING



EXPERT FACULTY



INTERNSHIP & TRAINING



PLACEMENT SUPPORT

CURRICULUM STRUCTURE

A blend of core knowledge, advanced electives and research-driven learning

SEMESTER I FOUNDATION & CORE

- Advanced DBMS 4
- Soft Computing Techniques 4
- Emerging Tools in Data Engineering 4
- Project Management 2
- Cloud Computing 4
- Cybersecurity with AI 4
- Research Methodology 4

KEY HIGHLIGHTS

- Strong foundation in data engineering and computing
- Learn to manage and secure data effectively
- Build research mindset and analytical thinking
- Explore emerging tools and technologies

SEMESTER II ADVANCED CORE

- Foundation of Deep Learning 4
- Machine Learning 4
- Big Data Technologies 4
- Data Privacy & Data Protection 2
- Stories Telling with Business Data 4
- Blockchain & Cryptocurrency 4
- On Job Training 4

KEY HIGHLIGHTS

- Dive into core AI, ML and big data concepts
- Understand data privacy and protection
- Learn to derive insights from business data
- Industry exposure through hands-on training

SEMESTER III SPECIALIZATION & RESEARCH

- Natural Language Processing for Business Applications 4
- Agentic AI & Autonomous Systems 4
- Business Analytics & Decision Making with AI 4
- Enterprise Architecture 2
- Time Series Forecasting for Finance 4
- Non Fungible Token (NFT) & Metaverse Development 4
- Research Project 4

KEY HIGHLIGHTS

- Specialize in AI, NLP and business analytics
- Forecast trends and make data-driven decisions
- Explore emerging domains like NFT & Metaverse
- Work on research projects with real-world impact

SEMESTER IV RESEARCH & INNOVATION

- Computer Vision for Smart Cities 4
- Robotic Process Automation for BFSI 4
- Machine Learning Operations 4
- Quantum Machine Learning 4
- Decentralized Finance (DeFi) Applications & Case Studies 4
- Research Project 6

KEY HIGHLIGHTS

- Apply AI and ML in advanced real-world scenarios
- Explore quantum ML and DeFi applications
- Implement MLOps for scalable AI solutions
- Capstone research project and innovation

Note: Credits mentioned are as per curriculum structure.

RM – Research Methodology | OJT – On Job Training

WHY CHOOSE M.Sc. DATA SCIENCE AND AI AT VSIT?



State-of-the-art Infrastructure



Experienced Faculty



Hands-on Learning



Industry Collaboration



Career Readiness



High Growth Opportunities

ADMISSIONS OPEN



Shape Your Future with VSIT!

Mobile With Whatsapp
+91 9167409222



Website
vsit.edu.in



Email
admissions@vsit.edu.in



Address
Vidyalankar College Marg,
Wadala East,
Mumbai 400 037



SCAN HERE

WHY CHOOSE VISIT?



11-acre green campus
in Central Mumbai –
1 km from Wadala
Road Station



Modern, well-equipped
labs with industry-
aligned, hands-on
curriculum



Active Corporate
Relations Centre:
placement drives,
soft skills &
resume building



Vibrant student life –
clubs, cultural fests,
sports, and
extracurricular
activities

PROGRAMMES OFFERED

1 DEPARTMENT OF COMPUTING

Undergraduate (UG)

- B.Sc. in Information Technology
- B.Sc. in Data Science
- B.Sc. in Computer Science (AI & ML)
- B.Sc. in Computer Science (Software Engg.)

Postgraduate (PG)

- M.Sc. in Information Technology
- M.Sc. in Data Science & Artificial Intelligence
- M.Sc. in Computer Science (Cybersecurity)

2 DEPARTMENT OF COMMERCE

Undergraduate (UG)

- B.Com. in Accounting & Finance
- B.Com. in Banking & Insurance
- B.Com. in Financial Markets
- B.Com. in Finance & Analytics

Postgraduate (PG)

- M.Com. in Banking & Finance
- M.Com. in Advance Accountancy
- M.Com. in Business Management

3 DEPARTMENT OF MANAGEMENT

Undergraduate (UG) Programmes

- Bachelor of Management Studies
- B.Com. in Business Administration
- B.Com. in Business Management

4 DEPARTMENT OF MASS MEDIA

Undergraduate (UG)

- B.A. in Multimedia & Mass Communication
- B.A. in Digital Marketing Communication

Postgraduate (PG)

- M.A. in Mass Communication: Entertainment, Media & Advertising



All programmes are affiliated with the University of Mumbai. Admission for UG programmes is based on Class XII merit; PG programmes require a relevant UG degree. Entrance via MAH-CET where applicable.

STUDENT-CENTRIC APPROACH

- Instructional Area
- Library
- Smart Classrooms (ICT enabled)
- Lecture Capture System
- Tutorial Rooms
- Discussion Rooms
- Laboratories
- Seminar Halls
- Amphitheatre
- Auditorium
- Media Laboratory



Multiple Food Outlets & Vending Machine



Ambulance (24 X 7)



Reading Room



Professional Counsellor



Students' Recreational Center



Gymkhana



Playground

VALUE-ADDED COURSES



International Financial Management



Professional Web Designing



Stock Market Operations



3D Printing & 2D Graphics Design



Train. Earn. Learn. (with ICAI)



Augmented & Virtual Reality Basics & Unity 3D



Embedded Finance



Data Analytics & Visualisation



Public Speaking & Personality Development



Strategic Advertising & Brand Risk Intelligence

and many more...

PLACEMENTS & CAREER OPPORTUNITIES



85%

Placement Ratio



₹8 LPA

Highest Package



₹5 LPA

Average Package

TOP RECRUITERS



COMMON ROLES OFFERED

- Software Developer
 - Business Analyst
 - Content Creator
 - Marketing Specialist
 - QA / Test Engineer
 - Banking Operations
 - Data Analyst
 - Social Media Manager
 - Brand Manager
 - Event Manager
 - Cost Accountant
 - Financial Analyst
- and many more...

Why Choose
Vidyalankar School of
Information Technology?



Industry-aligned
education with
future-ready skills



Strong industry
connect & placement
support



Focus on holistic
development &
employability



Excellent
infrastructure for
academic excellence