



# DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(Autonomous)

College with Potential for Excellence  
Linguistic Minority Institution

## DEPARTMENT OF MATHEMATICS WITH COMPUTER APPLICATIONS



PROSPECTUS 2026-2027

### CURRICULUM

- Linear Algebra
- Real Analysis
- Mechanics
- Operations Research
- Graph theory & its Applications
- Programming with Python
- Java Programming
- Data Base Management Systems
- Mathematical Statistics Using R
- Operating Systems
- Basic Data Analysis using Excel
- Data Analysis Using SPSS
- Introduction to Cryptography
- Artificial Intelligence & Expert systems
- Introduction to Data Science
- Cyber Security

### VALUE ADDED COURSES

- Power BI
- MERN Full Stack
- Data Science using python

### Why Choose Us

- Academic excellence and leadership
- Highly qualified faculty
- Internship / Industrial training
- Project
- ICT based teaching
- Outcome based education
- Workshops / seminars by experts
- Mentor-mentee system for guidance
- Field / industrial visit
- Placement and training cell
- Scholarship for students



**Kickstart your  
career with us**

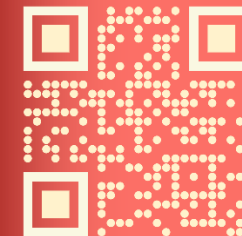


### CAREER OPPORTUNITIES

- Data Analyst
- Artificial Intelligence Professionals
- Cyber Security Professionals
- Full Stack Developers
- Software Developer
- Database Administrator
- Mathematics Teacher/Tutor
- Govt. Exams/ Bank Sector

### Eligibility Criteria (Subjects in 12<sup>th</sup>)

- Mathematics
- Physics
- Chemistry
- Computer Science (OR) Biology



**Apply Now**