

# DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(Autonomous)

Re-accredited with “A++” Grade by NAAC

Affiliated to University of Madras, College with Potential for Excellence(Linguistic Minority Institution),  
Chennai – 600 106.



PG Department of Computer Science

## PROSPECTUS

2026-2027

### CONTACT INFORMATION

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### DEPARTMENT

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### LOCATION

#833.E.V.R. Periyar High Road,

Arumbakkam, Chennai – 600106, Tamilnadu.

### FOR ONLINE APPLICATIONS

<https://www.dgvaishnavcollege.edu.in>



## ABOUT THE DEPARTMENT

- M.Sc.(CS) Programme was started in the academic year 1998-1999 with an aim of providing a conducive ambience for learning technology and career oriented subjects.
- The Department is well equipped with high tech lab and ICT enabled class rooms.
- The Department has a tie up with IIT Mumbai to enhance the skills of the students through Spoken Tutorial Program.
- The Curriculum of the department is one of the best offering latest technology, research and employability oriented subjects



## ELIGIBILITY

**Candidate who has passed the B.C.A / B.Sc. Computer Science / Any Stream with computer science degree examinations of University of Madras or other institutions recognized by university of Madras shall be eligible for admission to M.Sc. Computer Science programme.**

## VISION

- To Facilitate a conducive environment for post graduate education in the field of Computer Science and Information technology and to produce global with moral values.
- To impart the post graduate with strong knowledge of advancement in Computer Science and Information technology .
- To promote globally competent graduate with highly sought intellectual, analytical and practical skills.



## MISSION

- To upgrade the knowledge in Computer Science and Information technology through latest technologies.
- To encourage students to independently think, design and develop computer software system and products based on the theoretical principle and software development skills acquired throughout the programme.
- To include the foundation of research insights among students and make them employable.



# CURRICULUM

## M.SC. COMPUTER SCIENCE

# VALUE ADDED COURSES

Semester-1	Semester-2	Semester-3	Semester-4
Design and Analysis of Algorithm	Digital Image Processing	Artificial Intelligence and Machine Learning Techniques	Project & Viva Voice
Python for data Science	Java Enterprise Edition	DOT NET Technology	Logical Reasoning and Verbal Ability
Contemporary Web Technologies	Data Mining Techniques	Big data Analytics	Industrial Visit
Data Communication and Networking/Mobile Network Systems/Artificial Neural Network	Advanced Database Management Systems/Distributed Databases/Cloud Web Services	Cyber Forensics/Ethical Hacking/Information Security	-
Advanced Software Engineering/Unified Modeling Language/OOAD	Internet of Things and its Applications/High Speed Networks/Social Network Analysis	Internship and Numerical Aptitude	-

- **Artificial Intelligence and High-Performance Computing**
- **Prompt Engineering**

## CERTIFICATE COURSES



- NPTEL course help to explore new areas of interest.
- It provides an opportunity to learn more to master the subjects they want to master according to their own interest.

- Department has a tie up IIT Mumbai and certificate courses.
- The students undertake one course per semester.
- Spoken tutorial course improves the employment potential of the students to succeed in the future challenging interviews and work environments.



**INFRASTRUCTURE**

**PG - LAB**



**LIBRARY**

**SEMINAR HALL**



**CAREER PERSPECTIVES**

**ENVIRONMENT**

