



DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(Autonomous)

College with Potential for Excellence

Linguistic Minority Institution

Affiliated to University of Madras

Chennai – 600 106.

**PROSPECTUS
2023-2024**



**DEPARTMENT OF
COMPUTER SCIENCE
(UG & PG)**

"Technology is not just about syntax and coding. We can make a difference in people's lives by developing smart applications with intense practical knowledge."



POST GRADUATE PROGRAMMES OFFERED



*Who questions new,
intend to learn new,
and retain better.*

M.Sc. COMPUTER SCIENCE



*"There is no end to education.
The whole journey of impulse
career, from the moment you
started graduation, is a process
of learning until you persuade."*

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*
- *The Curriculum of the department is one of the best offering latest technology, research and employability oriented subjects*
- *The Department has qualified faculty with enriched experience.*

VISION

- ▶ To facilitate a conducive environment for post graduate education in the field of Computer Science and Information Technology and to produce global society with moral values.
- ▶ To impart the post graduates with strong knowledge of advancement in Computer Science and technology.
- ▶ To promote globally competent graduates 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 systems and products* based on the *theoretical principles and software development skills* acquired throughout the programme.
- To *inculcate* the foundation of *research insights* among students and make them *employable*.



ELIGIBILITY FOR ADMISSION

M.Sc. Computer Science

Candidate who has passed the *BCA / B.Sc. in Computer Science* degree examinations of University of Madras or other institutions recognized by University of Madras shall be eligible for admission to the *M.Sc. Computer Science* Programme.



M.Sc. Computer Science

CURRICULUM



Core Courses

<i>SEMESTER-1</i>	<i>SEMESTER-2</i>	<i>SEMESTER-3</i>	<i>SEM-4</i>
<i>Design & Analysis of Algorithms</i>	<i>Digital Image Processing</i>	<i>Soft Computing</i>	<i>REAL TIME PROJECT</i>
<i>Python for Data analytics</i>	<i>Advanced Database Management Systems</i>	<i>Internet Technology</i>	
<i>Computer Networks</i>	<i>Enterprise Computing</i>	<i>Cloud Computing</i>	
<i>JavaScript Programming</i>	<i>Data mining techniques</i>	<i>Big Data Analytics</i>	
<i>Object Oriented Software Engineering/Unified Modeling Language/OOAD</i>	<i>Artificial Intelligence/High Speed Networks/Web Technology</i>	<i>Cryptography/Information Security/Internet Security & Computer Forensics</i>	

CERTIFICATE COURSES

- *Department* has a tie up with IIT Mumbai and offers *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*.



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



INFRASTRUCTURE

FEATURES:

- THE LAB HAS ADEQUATE SYSTEMS WITH HIGH-END CONFIGURATION, HASSLE-FREE INTERNET CONNECTIVITY, PROJECTOR & PRINTER.
- ICT ENABLED CLASSROOM.
- ENVIRONMENT FRIENDLY LIBRARY HAS SUFFICIENT COPIES OF BOOKS FOR DESIGNED CURRICULUM.



LAB-2



LAB-1



SEMINAR HALL

LIBRARY



DEPARTMENT ACTIVITIES



MOTIVATIONAL SPEECH



SEMINAR



LECTURE



BITS &
BYTES



PARENT
TEACHERS
MEET



WORKSHOP

CAREER PERSPECTIVE

The students of P.G Department of Computer Science are employed in MNC's & IT companies.



"Opportunities don't happen, we explore & manifest our students to maximize their career potential."

ENVIRONMENT



"Trees make the environment clean with pure oxygen, plant a tree and get oxygen-free for the elixir of life."

"Technology is a magnificent boon to the human lives. Hence enriching the knowledge can avoid distort."



CONTACT US:



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DEPARTMENT



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For Online Applications



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

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"BE COMPETENT TO LEAD THE WAY."