

ABOUT THE DEPARTMENT

The Department of Mathematics with Computer Applications was started in the year 2011. This department is dedicated to excellence in teaching and is committed to serving the students. It provides graduate students with an opportunity to develop a deep understanding of Mathematics, to become effective communicators, to enforce boundaries (personal, professional), and to prepare themselves for their future careers. The department aims in moulding the students, to lead a balanced successful life with proper health, good relationships, and mental peace. Also, the goal of the department is to create a better world through education, research and extension activities.

VISION

- To promote and support a comprehensive, innovative and dynamic learning environment.
- To assist students in acquiring a conceptual understanding of the nature and structure of mathematics, its processes and applications.

MISSION

- To establish an atmosphere of creative Endeavour that supports interdisciplinary collaborations, innovative projects, significant research, and informal discussions that mutually benefit students, faculty and the community at large.
- To provide graduate students an opportunity to develop a deep understanding and enjoyment of mathematics.
- To carry out original research, to become effective teachers and communicators, and to prepare themselves for their future careers.

DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(Autonomous)

**College with Potential for Excellence
Linguistic Minority Institution**



**PROSPECTUS 2021-2022
DEPARTMENT OF MATHEMATICS WITH
COMPUTER APPLICATIONS
(Shift – II)**



Contact us

**No. 833, Gokul Bagh, E.V.R. Periyar Salai,
Arumbakkam, Chennai - 600 106.**

E - Mail ID

**hod-mathematics-
eve@dgvaishnavcollege.edu.in**



OUR TEAM

**Ms. B. Sangeetha. M.Sc., M.Phil., SET
(Head In - Charge)**

Ms. N. Poornima. M.Sc., M.Phil., SET

Ms. C. M. Subalakshmi. M.Sc., M.Phil., SET

Ms. S. Uthra. M.Sc., M.Phil., SET

Ms. J. Kavitha. M.Sc., M.Phil., SET

Dr. P. Vijayalakshmi. M. Sc., M.Phil., B.Ed., Ph.D.

Dr. K. Priyadharsini. M. Sc., M.Phil., B.Ed., Ph.D.

Mr. C. Sathish. M.Sc., SET., PGDCA

Mr. P. Karnan. M.Sc., M.Phil., SET., B.Ed.

Mr. M. Hariprasath. M.Sc., SET., B.Ed.

Mr. R. Shankar. M.Sc., M.Phil., SET., B.Ed.

Mr. V. Dhamodharan. M.Sc., M.Phil., SET., B.Ed.

Dr. A. Rajkumar. M.Sc., M.Phil., Ph.D.

SALIENT FEATURES

- ❖ Highly Qualified Faculty
- ❖ ICT based Teaching Methods
- ❖ Outcome Based Education (OBE)
- ❖ Workshops / Seminars by Experts
- ❖ Mentor Mentee System for Personal/Professional Guidance & counselling
- ❖ Field trip for II-year UG Students to understand the Environmental Issues
- ❖ Well Equipped Laboratories
- ❖ Placement and Training Cell

The Placement cell has been established with the aim of ensuring job opportunities to the students. Reputed MNC's come for direct recruitment. It also provides information regarding centres of Excellence in higher education in India and Abroad

CAREER OPPORTUNITIES

This program acts as a synergy to combine the students' analytical thinking ability, computational skills and computer knowledge, and enhance the students to become successful.

- ❖ Data Scientists
- ❖ Artificial Intelligence Professionals
- ❖ Cyber Security Professionals
- ❖ Machine Learning Professionals
- ❖ Full Stack Developers
- ❖ Cloud Computing Professionals
- ❖ Software Engineers
- ❖ DevOps Engineer
- ❖ Block Chain Engineer
- ❖ IoT Solutions Architect
- ❖ Actuarial Analyst
- ❖ Mathematics Teacher/Tutor

VALUE ADDED COURSES OFFERED

- ❖ Data Analytics
- ❖ LaTeX
- ❖ Neural Networks and Algorithm

Semester I

- Language Paper I
- English Paper I
- Algebra and Trigonometry
- Differential Calculus
- Python Programming Theory & Lab
- NME -I
- Softskills

Semester II

- Language Paper II
- English Paper II
- Analytical Geometry
- Integral Calculus and Vector Analysis
- Java and Data Structures
- Data Structure using Java -lab
- NME -II
- Softskills

Semester III

- Language Paper III
- English Paper III
- Differential Equations
- Operating Systems
- Allied Paper-I Probability and Statistics-I
- EVS
- Softskills
- Extra Disciplinary Paper

Semester IV

- Language Paper IV
- English Paper IV
- Integral Transform
- Discrete Mathematics
- Allied Paper-II: Probability and Statistics-II
- Softskills
- Extra Disciplinary Paper
- Value added course

Semester V

- Algebraic Structures
- Real Analysis - I
- Mechanics
- Operations Research
- Web Technology
- Web Technology - Lab
- Value Education
- Value added course
- Project

Semester VI

- Linear Algebra
- Real Analysis - II
- Functions of a Complex Variable
- Machine Learning using R (with Practical's)
- Open-Source Technologies
- Open-Source Technologies - Lab
- Extension Activity

Our Recruiters

CONGRUENT

HEXAWARE

CITIBANK

WIPRO

Infosys
Navigate your next

NatWest
Group

TCS
TATA CONSULTANCY SERVICES

Cognizant

BYJU'S
The Learning App

KUMARAN
SYSTEMS
ENGAGE | EMERGE | EXCEL

Jocata SUTHERLAND