

# PROSPECTUS 2022-23



## DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

### DEPARTMENT OF STATISTICS

DG VAISHNAV COLLEGE (AUTONOMOUS)

Affiliated to the Madras University, College with Potential  
for Excellence, Linguistic Minority Institution.

Arumbakkam, Chennai - 600106

[www.dgvaishnavcollege.edu.in](http://www.dgvaishnavcollege.edu.in)





## About DGVC:

Dwaraka Doss Goverdhan Doss Vaishnav College, a linguistic minority Institution established in the year 1964 by the Rajasthanis and Gujarathis settled in Chennai for the course of higher education. The college with a sole purpose of imparting knowledge and value based education saw its grand day on 30th June 1964 with one course in B.Sc. Mathematics with Shri.Totadri Iyengar (teacher of Dr.APJ Abdul Kalam) as its first Principal.

Dwakara Doss Goverdhan Doss Vaishnav College has been a heaven for generations of enthusiastic learners through five decades and more. College was founded on the principles of Vaishnavism, with the sole purpose of imparting value based quality education and empowering the youth. The college has seen a phenomenal growth in terms of its infrastructure, its constantly restructured and revamped curriculum to cater to the specific needs of the students community. Outstanding performance of the students in academics and extension activities has enabled the college to emerge one of the premier institutions of higher learning.

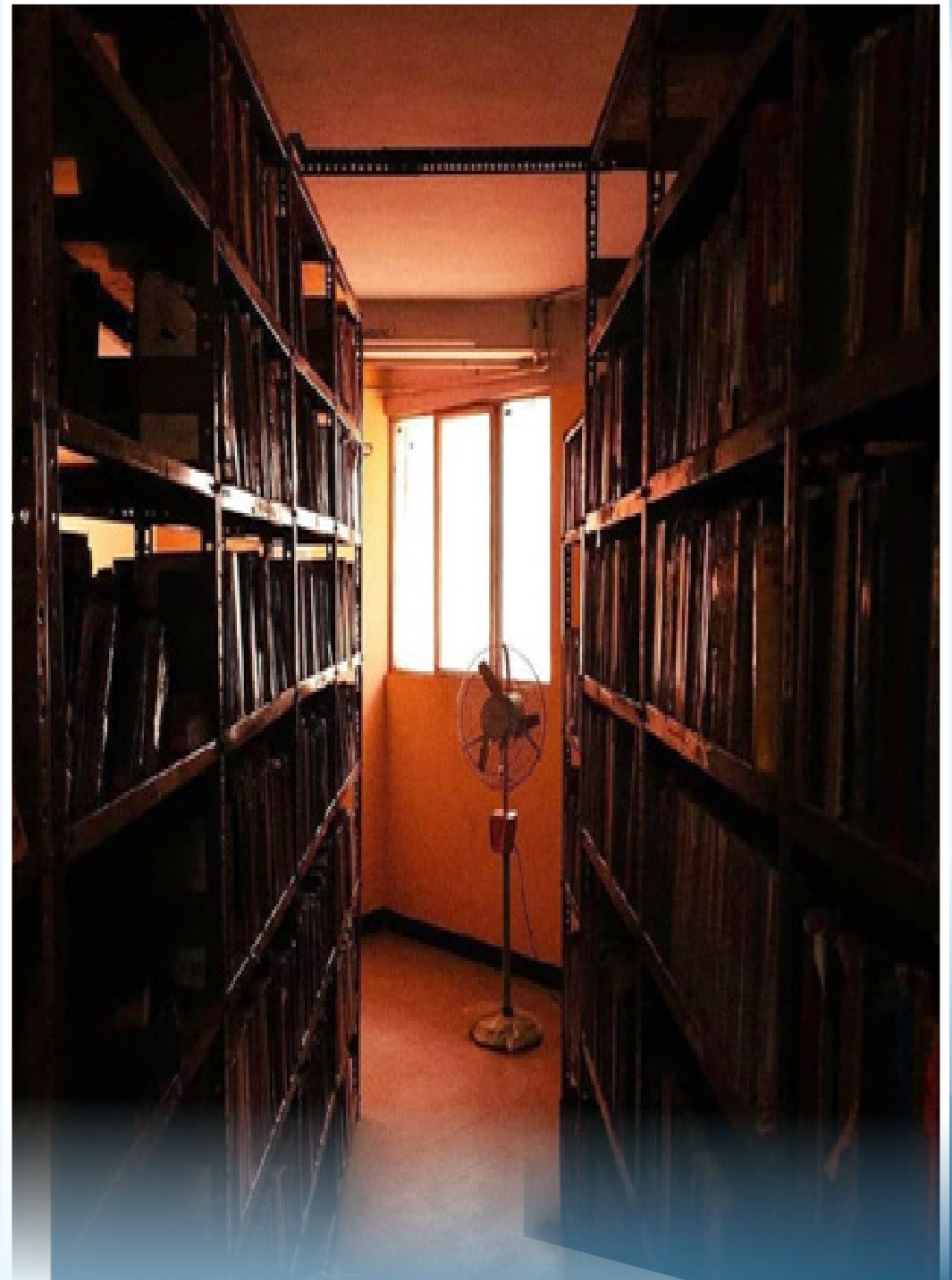
The curriculum is reviewed and updated periodically, in keeping with the changes in the diverse disciplines of arts, commerce, science and technology. An interdisciplinary, multi disciplinary approach in designing the course work is adopted to ensure industry-academia collaboration. The college has entered into collaborations with many reputed institutions / organizations.

## **Vision:**

To impart value based quality academia; to empower students with wisdom and to charge them with rich Indian traditions and culture; to invoke the self, to broaden the same towards nation building, harmony and Universal brotherhood.

## **Mission:**

To ensure sustained progress and development in imparting quality education, to pioneer new avenues of teaching and research and to emerge as an institution with potential for excellence.





## **DEPARTMENT OF STATISTICS**

Statistics department was established in the year 2019. The department caters the needs of various statistics aspirants with a vision to equip them with statistical computing and emerging statistical tools. Graduates will be able to understand basic theoretical and applied principles of statistics with adequate preparation to pursue post graduate or enter the job force as an applied statistician. Thus ensuring a bright career in the field of Statistics and Data Management.



## Vision:

With fast technological advancements in area like Artificial intelligence, the job market is looking for candidates with technical and data analytics skills.

Our aim is to provide quality education to our students practically and theoretically. In the upcoming years, some of the most renowned jobs will be occupied by statisticians.

## Mission:

The mission of the department of statistics is to help students to develop their understanding skills, problem solving ability and logical thinking.

We seek to improve the practice of statistics through our teaching, service work and intramural and extramural activities and events.

## Statistics program:

The B.Sc.Statistics is an undergraduate degree program, regardless of the specialization, will provide you with conceptual, theoretical and practical training in the aspects of Descriptive Statistics, Probability, Hypothesis testing, Allied mathematics and statistical related computer programming such as C, R, Excel in advanced level etc.

## Curriculum:

The curriculum is a combination of classroom sessions, seminar sessions, tests and assessments through highly qualified and professionally experienced faculty for an effective teaching- learning process. The classroom pedagogy involves one-to-one problem solving, assignments and lab sessions to gain complete knowledge in the subject.



## Semester and Syllabus:

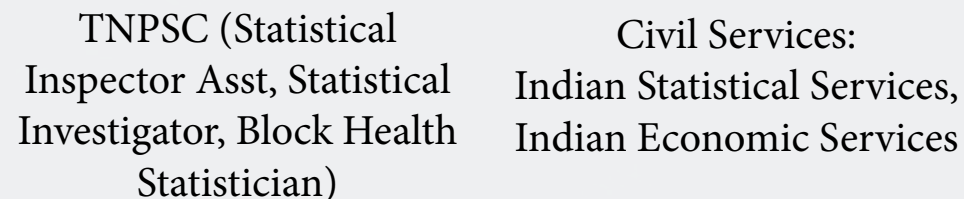
This course is a three year undergraduate degree and comprises of 6 semesters (2 semesters per year).

- 1 Descriptive Statistics
- 2 Probability and Random Variables
- 3 Distribution Theory
- 4 Statistical Inference-I
- 5
  - Operations Research.
  - Statistical Inference-II.
  - Sampling Theory.
  - Statistical Quality Control.
- 6
  - Design of Experiments.
  - Actuarial Statistics.
  - Time Series, Index Numbers and Official Statistics.

For more details about syllabus, visit <https://www.dgvaishnavcollege.edu.in/programs/science/department-of-statistics-self-financing/>

## JOB OPPORTUNITIES

### Public Sectors



### Top MNC Companies In Indian

- Apple India Pvt Ltd
- Amazon Development Centre India Pvt Ltd
- City Bank NA
- Google India Pvt Ltd
- IBM India Pvt Ltd
- Microsoft Corporation India Pvt Ltd
- INFOSYS, WIPRO, TCS, CTS India Pvt Ltd

# HIGHER STUDIES

## •M.Sc

Statistics,  
Bio Statistics,  
Actuarial Statistics,  
Population Studies,  
Data Science,  
Econometrics,  
Applied Statistics,

## •Professional Courses

MBA  
MCA

## Batch 2019-2022

Placements: 40% of students got placed in Deloitte India, Nielson IQ and Episourse India Pvt Ltd with good package.



## Admission procedure:

- Online applications are available at <https://www.dgvaishnavcollege.edu.in/> and candidates are requested to download the application from the website mentioned above.
- When candidates gets a call for counselling, should be present in the college at the stipulated date and time.
- Documents to be submitted along with the application form. Photocopy of 10th, 12th, Transfer certificate, Community certificate, Conduct certificate and other proofs asked by the college.
- Students are shortlisted on the basis of their cut-off mark scored in the 12th grade.

## Eligibility criteria:

Candidates who passed 12th grade with a minimum of 60% marks and also studied any one of the following subject Mathematics or Statistics or Business mathematics or Applied Mathematics are eligible to apply for B.Sc Statistics.

# CONTACT US



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## Thank You



**DWARAKA DOSS GOVERDHAN DOSS  
VAISHNAV COLLEGE**

**DEPARTMENT OF STATISTICS**