DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(Autonomous)
Reaccredited With A++ Grade by NAAC ,
College with Potential for Excellence, Linguistic Minority institution,
Affiliated to University of Madras, Arumbakkam, Chennai-600106.

Department of Data Science

PROSPECTUS 25-26

About The Department

The Department of Data Science (B.Sc.), founded in 2022, is dedicated to shaping innovative professionals who are proficient in leveraging the potential of data. Our curriculum merges cutting-edge data management practices with a robust ethical framework, ensuring students are equipped to handle, interpret, and present data responsibly. We prepare the next generation of leaders to develop solutions that drive business success, equipping them with the skills to lead in a rapidly changing digital world. Focusing on practical applications, our program combines technical knowledge with a commitment to ethical values, preparing students to thrive in the data-driven economy.

Mission

Educate students in a field that has ushered in a once-in-a-generation revolution, comparable to the industrial revolution and the original computing revolution. Provide an environment for leading edge research that has a strong and rapid impact on the economy and that reestablishes New Jersey as a world leader in technological advancement. Create a source of scholarship on the many technical, ethical, and privacy issues that ubiquitous data creation is constantly confronting us with. Establish a center of technology knowledge and a "go to organization" to service data creators, providers, managers, curators, and users of the State and the Nation

Vision

The data revolution has created novel challenges and unprecedented opportunities. The vision of the Department of Data Science is to create a first-class academic department that trains the next generation of students as data scientists who will solve these grand challenges and innovate through world-class research to take advantage of these opportunities.

Objective

The Department of Data Science at DDGDVC is committed to providing high-quality education and training in the rapidly evolving field of data science. Our department aims to create a dynamic and innovative learning environment that empowers students with the knowledge, skills, and experience to become leaders in the data-driven world.

- Deliver a comprehensive curriculum that integrates foundational concepts with cutting-edge advancements in data science, preparing students for both professional success and academic pursuits. Provide students with
- access to state-of-the-art tools, technologies, and real-world data to gain practical experience and conduct meaningful research in data science. Foster partnerships with leading companies and organizations to offer
- students opportunities for internships, industry projects, and exposure to real-world problems, bridging the gap between theory and practice.

Faculty Profile

Dr. A. Vijayalakshmi,
MCA., M.Phil., SET, Ph.D.,
HEAD
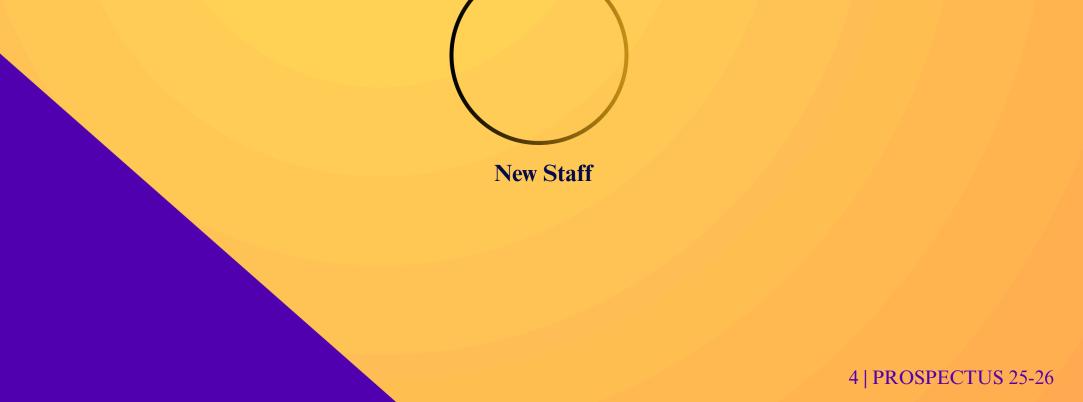**Department of Data Science**
DDGDVC

Dr. T. N. Aruna,
MCA, Ph.D.

Ms. Divya.N
M.Sc., M.Phil.

Ms.S.Sheeladevi
M.Sc., NET

Ms.S.Nivetha
M.Sc., NET

Ms. S. Kaviya
MCA UGC-NET

New Staff

PROGRAMS OFFERED

- **Under Graduate - B.Sc. Data Science**
- **Post Graduate - M.Sc. Data Science**

Eligibility Criteria

Under Graduate - B.Sc. Data Science

Candidates for admission to the first year of the B.Sc. (Data Science) programme shall be required to have passed the higher secondary examinations under Science stream with Physics, Chemistry, Mathematics and Computer Science (Academic or Vocational Stream) conducted by the Government of Tamil Nadu or an examination accepted as equivalent thereof by the Syndicate of the University.

Post Graduate - M.Sc. Data Science

Candidates for admission to the first-year programme leading to the Degree of Master of Science in Data Science (M.Sc. - DS) will be required to possess: A pass in B.Sc. Computer Science or its equivalents / B.Sc. Data Science / B.Sc. Data Analytics or its equivalents / B.Sc. Statistics or its equivalents/BCA/B.Sc. Electronics or its equivalents/ B.E. CSE/IT/ECE/EEE and E&I or its equivalents.

SCOPE

To be eligible for the M.Sc. in Data Science program, shall be required to have a B.Sc. degree in a relevant subject. The relevant subjects include Statistics, Mathematics, Computer Science, BCA or Any other stream with computer application.

1. Data Scientist
2. Machine Learning Engineer
3. Data Analyst
4. Data Engineer
5. Business Intelligence (BI) Analyst

6. AI Research Scientist
7. Big Data Engineer
8. Data Architect
9. Data Consultant
10. Quantitative Analyst (Quant)

OUR RECRUITERS

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pando .AI

Department Activities
INTENATIONAL CONFERENCE ON CYBER & INFORMATION SECURITY

Cyber & Information Security (ICCIS) - 2024 with a shared commitment to fortify our defenses and illuminate the pathways of knowledge. As we stand on the precipice of a new era, it is with great anticipation and excitement that we present the book launch event, a cornerstone of this global symposium. The pages of our new publication echo with the collective wisdom of experts and scholars who have dedicated themselves to unraveling the complexities of cyber and information security. As we embark on this literary journey, we invite you to join us in celebrating not just the unveiling of a book but the commencement of a shared expedition towards a safer and more resilient digital future.

DATA SCIENCE STUDENTS SHINE IN CAMPUS PLACEMENTS

We are immensely proud to announce that our Department of Data Science students have successfully secured placements through campus recruitment! 🎉

Their relentless hard work, dedication, and in-depth expertise in Data Science, Analytics, AI, and Machine Learning have paved the way for promising career opportunities with top-tier companies. This achievement is a testament to their skills, perseverance, and the high- quality education provided by our institution. A huge congratulations to all the students who have been placed! Your journey in the world of data science is just beginning, and we have no doubt that you will achieve great success.

Wishing you all a bright and prosperous future ahead! 🚀✨

Industrial Visit

The visit to SETS highlighted how data science plays a crucial role in enhancing cybersecurity, securing electronic transactions, and improving data protection methods.

Environmental Field Visit Trip

B.Sc. Data Science students visited Farm Guru, Sholavaram, as part of an environmental visit to gain practical insights into sustainable farming practices
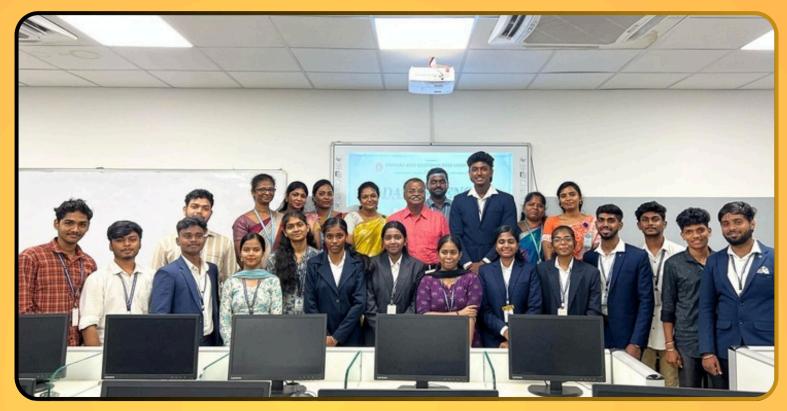
Magazine Release

We're thrilled to announce the released of the D-Cloud 2024, our college's very own student-run publication! Whether you're looking for engaging campus stories, insightful articles, or creative pieces by our talented peers, this issue has something for everyone.

Investiture Ceremony

It is with great pleasure that I stand before you today at the Investiture Ceremony of the Data Byte Forum at DG Vaishnav College. This event marks a significant milestone in our college's journey to bridge the gap between education, innovation, and the rapidly evolving tech world.

Contact Us

Have questions or need assistance? We're here to help! Whether you're a prospective student, current student, parent, or partner, don't hesitate to reach out. Use the contact form below to send us your inquiries, or find specific department contact details for more direct communication.

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