

Post Graduate Diploma in Data Science and Analytics

Program Overview

Department of Computer Science is offering a one-year PG Diploma in Data Science and Analytics with learning partner as 360DigiTMG in collaboration with State University of New York. Data Science and Analytics are increasingly gaining prominence as the most important skills for a technology driven future. After the completion of the program the candidate will get opportunity to work in roles like data analyst, Data Engineer, Machine Learning Engineer, Enterprise Architect etc.

Program Highlights

- ✚ Dynamic curriculum with latest industry trends
- ✚ Mandatory internship with real world clients
- ✚ Blended mode of classes including in-person workshops

Program Objectives

- ✚ To impart industry - ready skills in the field of data science
- ✚ To sensitize students for computational statistics applications and usage as well as provide hands-on experience with solving real world data science issues.

Program Outcomes

- ✚ On completion of the Course, the Participants will learn the concept of Data Analytics using open-source statistical tools like R, Python and some very good visualization tools and techniques. They will be able to implement industry-oriented Data Analytics Project.
- ✚ Mandatory internship ensures the development of professional skills.

Contact

Ms. Madhuri Paul- Program Coordinator

[+91 - 9059308401](tel:+91-9059308401)

Eligibility Criteria

- Working Professionals and Male / Female Graduates from any recognized University with a minimum of 55% marks.
- All graduates from all disciplines that clear the Entrance Test as part of the Admission Procedure.

Selection Procedure- Academic Merit & Interview

Course Details

Duration of the course: ONE YEAR (Two Semesters)

Timings of the sessions

- Monday to Friday: 6.00 pm to 8.00 pm (Online)
- Saturday & Sunday: 9.00 am – 11.00 am (Offline Class)

Course Structure

Semester-I	
Course Title	Credits
Introduction to Data Science	4
Data base Connectivity	4
CRISP-ML(Q) - Project Management Methodology	4
Exploratory Data Analytics (EDA) / Descriptive Analytics	4
Data Visualization with Power BI	4
Total Credits	20

Semester-II	
Course Title	Credits
Data Mining - 1	4
Data Mining - Unsupervised	4
Specialised Models	4
Introduction to Deep Learning	4
Forecasting	4
Major Project	10
Total Credits	20