



UNIVERSITY

A NEW MILESTONE IN HIGHER EDUCATION

JIS UNIVERSITY

Department of Mathematics

“Unlocking the Power of Mathematics for Innovation and Discovery”

About Us & Mission

At JIS University, our Department of Mathematics is dedicated to excellence in teaching and research. Our mission is to inspire and educate the next generation of mathematical innovators by fostering creativity and rigorous analytical skills.

Programs & Courses

Our Programs & Courses


Undergraduate:

 B.Sc. in Data Science

Postgraduate:

 M.Sc. in Data Science

Ph.D.:

 Research in Pure, Applied and Computational Mathematics

Faculty & Research



Dr. Samir Dey

Associate Professor and HOD

Research Area: Operation Research



Dr. Subarsha Banerjee

Assistant Professor

Research Areas: Spectral Clustering, Spectral Graph Theory, Topological Graph Theory



Dr. Saikat Kanjilal

Assistant Professor

Research Area: Functional Analysis



Akash Singh

Research Areas: Data Science, Machine Learning



Rhritrajit Sen

Research Areas: Time Series Analysis, Multivariate Analysis



Sayan Chakraborty

Research Areas: Control Theory, Regression Modelling

Departmental Activities

Freshers Party:

Our annual Freshers Party welcomes new students with exciting activities, lively music, and interactive sessions to foster community and fun.



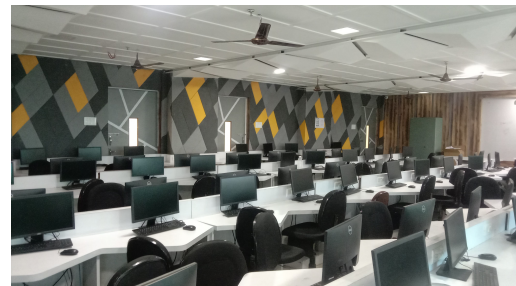
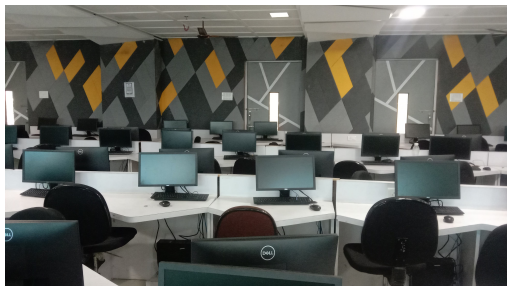
Expert Talk on Data Science:

We host expert talks and workshops on Data Science featuring industry leaders who share cutting-edge insights and practical knowledge on the latest trends and technologies.



State of Labs

Our university boasts state-of-the-art laboratories that are at the forefront of research and innovation. These labs are equipped with advanced instruments and technologies, enabling students and researchers to conduct cutting-edge experiments in Data Science, Computational Mathematics, and various interdisciplinary fields.



The labs not only provide a hands-on learning environment but also foster collaboration among departments, paving the way for groundbreaking research and development.

Scope & Opportunities for Data Science Graduates

A degree in Data Science—whether at the undergraduate or postgraduate level—opens doors to a wide range of career opportunities across industries.

After B.Sc.:

- **Data Analyst** – Interpret data to support decision-making.
- **Business Intelligence Associate** – Provide insights through data visualization and reporting.
- **Junior Data Scientist** – Assist in developing data models under supervision.
- **Entry-Level Data Engineer** – Build and maintain data pipelines and storage solutions.

After M.Sc.:

- **Data Scientist** – Analyze complex datasets and develop predictive models.
- **Machine Learning Engineer** – Design and deploy AI-driven algorithms.
- **Big Data Analyst** – Optimize business processes through data insights.
- **AI Researcher** – Advance the state-of-the-art in deep learning and artificial intelligence.
- **Business Intelligence Analyst** – Drive strategic decisions using comprehensive data analytics.

Research & Higher Education:

- Pursue a Ph.D. in Data Science, Machine Learning, or Computational Mathematics.
- Engage in innovative research at premier institutions and labs.

Industry Demand: Companies are actively seeking skilled data professionals. Graduates can work in multinational corporations, startups, or launch entrepreneurial ventures.

Contact & Enquiries

ADMISSION ENQUIRY:

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