



Department of Mathematics, Dinakrushna College, Jaleswar

PROFILE

The Department of Mathematics at Dinakrushna College, Jaleswar, has been a hub of academic excellence, dedicated to cultivating a passion for mathematics and fostering analytical and problem-solving skills among students. With a strong emphasis on both theoretical and practical aspects, the department continually adapts to meet the evolving needs of the academic and professional world.

Vision

To develop a strong mathematical foundation among students, inspiring them to innovate, excel, and contribute to society through the application of mathematical knowledge.

Mission

- To deliver quality education in mathematics by blending theoretical concepts with practical applications.
- To encourage critical thinking, logical reasoning, and innovative approaches to problem-solving.
- To equip students with modern computational tools like SCILAB, MATLAB, Python and Web designing for academic and real-world applications.

Programs Offered

1. **Undergraduate Program: B.Sc. in Mathematics**
 - Comprehensive curriculum covering core areas such as algebra, calculus, real analysis, and differential equations.
 - Emphasis on practical learning through software tools and projects.
2. **Add-on and Skill Development Courses:**
 - Certificate courses in computational mathematics and data analysis.
 - Workshops on LaTeX typesetting and mathematical modeling.

Faculty Members

1. **Dr. Himansu Kumar Samal**
 - **Designation:** Reader in Mathematics (HOD)
 - **Specialization:** Optimization Technique
 - **Additional Roles:** Member of Synate, BOS Member, Author of "Type Setting with LaTeX" (upcoming)
 - **Email:** [himansu68@gmail.com]
2. **Sri Simanta Kumar Jena**
 - **Designation:** Lecturer in Mathematics
 - **Specialization:** Cryptography, Numerical Methods

- **Email:** [simantajena2012@gmail.com]
- 3. **Sri Nanda Gopal Sarangi**
 - **Designation:** Lecturer in Mathematics
 - **Specialization:** Graph Theory
 - **Email:** [nandagopal@gmail.com]

Facilities

- **Computer Lab:** Equipped with advanced software like SCILAB, MATLAB and Python to support computational and numerical analysis.
- **Library:** Rich collection of textbooks, reference materials and journals.
- **Smart Classrooms:** Audio-visual aids for an interactive learning experience.

Research and Publications

The department promotes a research-oriented environment.

- Real and Complex Analysis
- Numerical Methods and Optimization
- Mathematical Modeling and Applications

Student Activities

- **Competitions:** Regular organization of mathematical quizzes, problem-solving contests, and seminars.
- **Workshops and Training:** Hands-on training in software tools, LaTeX, and advanced mathematical techniques.
- **Publications:** Annual departmental magazine showcasing student articles and research.

Future Plans

- Launch a postgraduate program (M.Sc. in Mathematics).
- Establish a research center for advanced studies in mathematics.
- Host national and international conferences and workshops.

The Department of Mathematics, Dinakrushna College, Jaleswar, remains committed to nurturing intellectual curiosity and preparing students for academic and professional challenges, ensuring they excel in their chosen careers and make meaningful contributions to society.