

Dr. Arijit Ghoshal
Professor & Head



DEPARTMENT OF MATHEMATICS
THE UNIVERSITY OF BURDWAN
RAJBATI, BURDWAN-104
WEST BENGAL, INDIA

Date: April 28, 2023

To whom it may concern

This is to certify that the Department of Mathematics, The University of Burdwan has been conducting PG course in Mathematics since the year 1960.

AB
28/04/2023
(Dr. Arijit Ghoshal)
Professor & Head

Department of Mathematics
The University of Burdwan

Professor & Head
Dept. of Mathematics
The University of Burdwan
Burdwan

Department of Mathematics

Year of establishment:
1960

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ABOUT THE DEPARTMENT

The Department of Mathematics has been offering PG courses in Pure and Applied Mathematics. The Department has excellent records of teaching and research. Based on its performance, University Grants Commission has identified the Department for Special Assistance Programme DRS (Phase-I, II, III) and DSA (Phase - I). For the last twenty years, the Department has been receiving financial assistance from National Board for Higher Mathematics (NBHM). Also, Department of Science and Technology (DST) extends financial support to the Department under FIST programme (Phase-I, II).

SPECIALIZATIONS

- Advanced Functional Analysis
- Advanced Optimization and Operations Research
- Algebraic Topology
- Measure and Integration
- Euclidean and non – Euclidean Geometries
- Operator Theory and applications
- Boundary Layer Flows and Magneto – hydrodynamics
- Turbulent Flows
- Quantum Mechanics

RESEARCH AREAS

- A. Fluid Mechanics, Chaos, Fractals & Turbulence
- B. Differential Geometry
- C. Operations Research
- D. Functional Analysis, Operator Theory
- E. Quantum Mechanics
- G. Summability Theory,
- H. Topology
- I. Abstract Algebra
- J. Computational Optimization and applications in Operations Research

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30/5/2023

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