

CURRICULUM VITÆ

Dr. Dipendra Nath Ghosh

Designation: Controller of Examinations

Institution: Kazi Nazrul University (KNU), Asansol

Email: prof.dng@gmail.com; ghoshdipen2003@yahoo.co.in; controller@knu.ac.in

Phone:

Professional Summary

Experienced academician and administrator with over **16 years of teaching and 20 years of research** experience in Mathematics and Computer Science. Currently serving as Controller of Examinations at Kazi Nazrul University with 7 years administrative experience. Expertise in **Time Series Analysis, Computational Mathematics, and Decision Theory**, with strong contributions to research, administration, and academic leadership.

Educational Qualifications

Degree	Institution	Completion Year	Specialization
Ph.D.	University of Burdwan	2008	Computational Methods in Time-Dependent Data
MCA	University of Burdwan	2003	Computer Applications
B.Ed.	Kalna College	2000	-
M.Sc.	University of Burdwan	1999	Mathematics
B.Sc. (Hons.)	Bejoy Narayan Mahavidyalaya	1997	Mathematics

Professional Experience

- **Controller of Examinations**, Kazi Nazrul University (2019–Present)
 - **Assistant/Associate Professor / Professor**, Dr. B.C. Roy Engineering College, Durgapur (2004-2019)
 - **Guest Lecturer**, University of Burdwan (2005–2013)
 - **Lecturer**, Cyber Research & Training Institute (2003–2004)
 - **Guest Lecturer**, Memari College (2001–2003)
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Areas of Specialization

- Functional Analysis & Operator Theory
 - Time Series Analysis
 - Discrete Mathematics
 - Decision Theory
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Courses Taught

Undergraduate (B.Tech)

- Operations Research
- Advanced Graph Theory
- Discrete Mathematics
- Probability & Statistics
- Mathematics for Data Science

Postgraduate (M.Tech / M.Sc./MCA)

- Advanced Engineering Mathematics
 - Research Methodology
 - Data Structures & Algorithms for Data Science
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Research Publications

- **37+ journal publications** including SCOPUS & SCI indexed journals
 - Research areas include:
 - Time series analysis
 - Solar irradiance and signal processing
 - Fuzzy decision-making models
 - Machine learning applications
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Books Published

1. *Numerical Methods and Programming* (2012)
2. *Discrete Mathematics* (2016)
3. *Engineering Mathematics-IIB* (2019)

Conference Contributions

- Multiple papers presented in **IEEE, Springer, and international conferences**
 - Research in:
 - AI & Machine Learning
 - Reinforcement Learning
 - Multi-criteria decision-making
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Research Supervision

Ph.D.

- 1 Awarded
- 2 Submitted

M.Tech Projects

- Supervised multiple dissertations in:
 - AI
 - Optimization
 - Decision systems
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Awards & Recognition

- **Teacher of the Year (2017)** – MAKAUT, West Bengal
 - **Best Senior Officer Award (2022)** – Kazi Nazrul University
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Administrative Experience

- Head of Department (Basic Science & Humanities)
- Chairman, UG Examination Monitoring Committee
- Member, ICT Committee
- Member, Screening Committees (Officer & Faculty Recruitment)
- Centre-in-Charge for IIT-JEE & WBJEE
- Faculty Representative in Board Of Governors of Dr. B.C.Roy Engineering College, Durgapur from the month of April, 2016 to April, 2019.

- Board Observer for the West Bengal Joint Entrance Exam-2022 (WBJEEB-2022)
 - Roving Observer for the West Bengal Joint Entrance Exam-2023 (WBJEEB-2023)
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Professional Memberships

- Calcutta Mathematical Society
 - ORSI (Operational Research Society of India)
 - IAENG
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Faculty Development & Training

- FDPs in Data Science, AI, and Emerging Technologies
 - AI & ChatGPT Workshop (2025)
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Research Profiles

- **Google Scholar:**
https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=HQ6JWRcAAAAJ&pagesize=80
 - **Scopus ID:** 54398565900
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Signature

(Dr. Dipendra Nath Ghosh)
