

Curriculum Vitae

Ajanta Das

Personal Information

Date of Birth: 15th October 1971
Marital Status: Married
Permanent Address: Kusumika Apartment, Flat – 2C,
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Professional Profile

Presently Principal, a Chief academic and administrative officer, responsible for directing the Institution's vision, ensuring compliance with regulations, and fostering a productive learning environment, specializing in academic policy management, new curriculum development, educational leadership, and process career guidance. A proven track record of twenty-two years academic experience and seven years of industry experience, with new education strategies and initiatives to drive students' success. An academician is passionate to regular teaching of Computer Science Subjects and carrying out impactful innovative research, guiding scholars in Quantum Computing, Machine Learning and Cloud Computing.

Education

- i. Ph.D. (Engineering) from Jadavpur University, 2009
- ii. M. Tech in Computer Engineering & Application from University of Calcutta, 2022 –1st (Distinction)
- iii. MCA from Jadavpur University, 1996 – 1st Class
- iv. B.Sc (Mathematics – Honors) from the University of Calcutta, 1993

Award Received

1. 1st position in Hackathon on Quantum Computing using QSim in 2023, organized by CDAC Hyderabad and IIT Roorkee
2. Received Best Paper award at the International Conference on Emerging Technologies in Science & Engineering (ICETSE-2023)
3. PhD. Thesis External Examiner, KIIT University Bhubaneswar, since 2020
4. Received Active Participation Women Member in Computer Society of India, Region II award in 2019
5. Invited as Academic Delegate and Resource Person for Live Program (talk show based on “Identity for women”) “Hello DD Mon Niye” on 4th April 2018
6. Brief Biography is published for Young Lecturer as active Researcher in India Today Magazine June 2008

Research Credentials

Focused Research Area: Quantum Computing, Cloud Computing, Machine Learning
LinkedIn Link: <https://www.linkedin.com/in/ajanta-das-8659296b/>
Google Scholar Link: <https://scholar.google.co.in/citations?user=ODVoZ1sAAAAJ&hl=en&oi=ao>

Distinguished Invited Lecture on Quantum Computing

1. Invited Speaker to deliver lecture on “**Quantum Computing in Data Science**” in the Department of Computer Science, Faculty of Science, St. Xavier’s University, Kolkata on 16th April 2026.
2. Invited Speaker to deliver lecture on “**Quantum Security and Quantum Noise – Concepts and Hands-on Demonstration**” on 5th December 2025, in the Online Awareness Program on Quantum Programming and Machine Learning, organized by CDAC India, scheduled from 24th November to 15th December 2025.

3. Invited Speaker to deliver lecture on “**A Webinar on Quantum Communications to Cryptography**” in the Webinar Series on Quantum Computing, organized by C-DAC India, on 19th September 2025.
4. Invited Speaker to deliver lectures on “**Quantum Neural Network and Qiskit**” in the Faculty Development Program on “**Recent Advances in Deep Learning**” sponsored by IIT Roorkee and organized by Netaji Subhash Engineering College, 13th and 14th February 2025.
5. Invited Speaker for the **AICTE-VAANI** sponsored offline program entitled “**Revolutionizing the Future: Exploring Advanced Computing in Supercomputing, AI, and Quantum Computing**” organized by the Academy of Technology, 23rd November 2024.
6. Invited Speaker in the Lecture Session on “**Fundamentals of Quantum Computing**” organized by Dept. of CTech, SRM University, 23rd August 2024.
7. Invited Speaker in the Lecture Session on “**Simulations on Quantum Computing**” organized by Dept. of Computer Tech, SRM University, 7th September 2024.

Academic Experiences

Dec 2025 – Present Principal	Nistarini College, Purulia Primary Responsibility - directing the Institution's vision, ensuring compliance of accreditation with regulations, and fostering a productive learning environment
Jun 2025 – Nov 2025 Professor, Computer Sc. & Engg.	Adamas University, Kolkata ✓ Primary Role – Lead Coordinator for Quantum Computing Research ✓ establishment of Centre of Excellence - Quantum Computing
Aug 2019 – May 2025 Professor, Information Technology	Amity University Kolkata ✓ Primary Role - Teaching and research simultaneously ✓ Ph.D. Co-ordinator in Amity Institute of Information Technology since July 2023 ✓ Faculty Expert Member in Institute Faculty Selection since June 2023 ✓ Member Secretary in Internal Complaint Committee since April 2023 ✓ Member of University Research Council since June 2022 ✓ Faculty Placement Co-ordinator since August 2019
Nov 2017 – Jul 2019 Professor, Comp. Sc. & Engg.	University of Engineering & Management Kolkata ✓ Primary Role - Teaching and research simultaneously ✓ Co-ordinator in Human Resource Development Centre from December 2017 to July 2019 ✓ Chairperson in Internal Complaint Committee from April 2018 to July 2019 ✓ Member Secretary in Publication Board from April 2018 to July 2019 ✓ Member in Academic Council from November 2017 to July 2019 ✓ Member in Faculty Council (Engg) from April 2018 to July 2019 ✓ Member in Research Board from April 2018 to July 2019
Aug 2006 – Oct 2017	Birla Institute of Information Technology, Mesra
Jul 2011 – Oct 2017 Associate Professor, Jul 2010 – Jun 2011 Reader, Aug 2006 – Jul 2010 Lecturer / Sr. Lecturer, Comp. Sc. & Engg.	✓ Primary Role - Teaching and research simultaneously ✓ Course Coordinator of M. Tech in Computer Science from July 2014 to June 2017 ✓ Academic Committee Member from July 2012 to July 2017 ✓ Student’s Grievance Cell (Women) Member from July 2009 to July 2017 ✓ Joint Laboratory In-Charge from June 2008 to June 2014 ✓ Database Administrator from June 2008 to June 2014 ✓ Internal Examination Coordinator for all courses from June 2007 to June 2014
Jun 2004 – Aug 2006 Lecturer, Computer Application	Heritage Institute of Technology, Kolkata Primary Role - Teaching and research simultaneously

Professional Experience

Mar 2003 – Jun 2004 System Engineer, Comp. Sc. & Engg.	Jadavpur University, Kolkata Primary Role – teaching and Co-ordination and monitoring laboratory classes
Jul 2002 – Mar 2003 Project Assistant	DOEACC, Jadavpur University, Kolkata Software Development and Documentation
Sep 2000 – Jan 2002 Developer	Lexis Nexis Inc., Boston, USA Software Development and release of Press Access 3.0
Jul 1998 – May 2000 Sr. Officer, Automation Division	Tata Iron & Steel Co. Ltd. Jamshedpur Software Development of three different projects simultaneously
Jul 1996 – Jun 1998 Programmer Analyst	Computing Solutions Pvt. Ltd., Kolkata Software Development and Installation in Client Environment

Teaching Credentials

PhD.	Cloud Computing Infrastructure and Services, Machine Learning, Research Methodology
M. Tech	Database Modeling and Design, Cryptography, Computer Network, Mobile Computing
MCA	Advanced DBMS, Advanced Software Engineering, Cloud Computing
B.Tech	Software Engineering, Programming in C, Computer Network
BCA	Database Management System, Programming in Java, Software Engineering

Supervising PhD Scholars

Dec 2024 - Registered Full-Time JRF	Subhajit Pal, AKCSIT, University of Calcutta (Prof. Amlan Chakrabarti) Development of Quantum Internet
Dec 2024 – Registered Part-Time Scholar	Subhajit Pal, Dept. of CSE, University of Calcutta (Dr. Sunirmal Khatua) Developing Computational Models to Predict Noncoding RNA Disease Associations
Jul 2023 – Registered Part-Time Scholar	Anjali Agarwal, Information Technology, Amity University Kolkata (Dr. Ambar Dutta) Leveraging Gen AI and Machine Learning in Women-Centric Healthcare
Jan 2024 - Registered Part-Time Scholar	Chayna Jana, Information Technology, Amity University Kolkata (Dr. I. Mukhopadhyay) Mapping and Monitoring of Water Quality Parameters for Inland Fisheries Management using AI and Remote Sensing Techniques
Dec 2022 – Awarded Part-Time Scholar	Anindita Desarkar from Jadavpur University (Dr. Chitrita Chaudhuri) Innovative Approaches of Detecting and Handling Outliers in Present Socio-Economic Environment
Sep 2021 – Awarded Part-Time Scholar	Sukalyan Goswami from Birla Institute of Technology, Mesra Load Balancing in Computational Grid Environment
Sep 2020 – Awarded Part-Time Scholar	Siba Mitra from Birla Institute of Technology, Mesra On Fault Management in Wireless Sensor Network
May 2019 – Awarded Part-Time Scholar	Mridul Paul from Birla Institute of Technology, Mesra Service Level Agreement Monitoring and Provisioning of Services in Cloud Computing