

Name: Amitabha Mandal

Department: Computer Science & Engineering

Contact Nos.: 9775333345

Qualifications:

M.Tech , B.E. in Computer Science & Engineering

Designation: Assistant Professor

VIDWAN ID: 187546



Experience (Teaching / Research / Industry, in years): Teaching 13 Years

Date of Joining at the Present Institution: 02-08-2008

Examinations Cleared: NET, SET and GATE

Qualifications Summary (Reverse chronological order):

Degree	Institute	From - To	Subjects
M.Tech	National Institute of Technical Teachers' Training & Research, Kolkata	2006-2008	Multimedia & Software Systems
B.E.	Bankura Unnayani Institute of Engineering (under University of Burdwan)	2000-2004	Computer Science & Engineering

Experience Summary (In chronological order):

Designation	Organization	Date From	Date To
Asst. Professor	Dr.B.C.Roy Engineering College, Durgapur	02-08-2008	Till date

Specialization/Research Interest:

Theory of Computer Science, Graph Theory, Algorithms.

Courses taught:

B. Tech. Theory:

1. Formal Language & Automata Theory
2. Design & Analysis of Algorithms
3. Data Structure and Algorithm
4. Programming for Problem Solving
5. Database Management System
6. Software Engineering

B. Tech. Practical:

1. Programming for Problem Solving
2. Design & Analysis of Algorithms
3. Data Structure and Algorithm
4. Database Management System
5. Software Engineering

Online Mode of Teaching:

Formal Language & Automata Theory

Lecture notes, Assignments through Google Drive.

Publications:

Journal:

Bappaditya Das¹ , **Amitabha Mandal**² “Probabilistic Approach for Selecting Energy Aware Stable Path in Wireless Sensor Networks”, International Journal of Emerging Technology and Advanced Engineering, April 2012, Volume 2, Issue 4, (ISSN 2250-2459),

https://ijetae.com/files/Volume2Issue4/IJETAE_0412_34.pdf

Conference:

NA

Book:

NA

Book Chapter:

NA

Supervision of Ph.D/M.Tech/ B.Tech Projects:

B.Tech projects

Invited Lectures:

NA

Participation in seminar/conference/symposium/workshop/discussion meeting:

Participated in the Technical Workshop on Recent Trends in Machine Intelligence, Data Mining and Soft Computing Techniques and its Impact on Research and Development on 23rd -24th Nov. 2013.

Participated in the one day Seminar on Cooperative System for Next Generation Networks, The Institution of Engineers (India), Durgapur Local Centre on 27th April, 2014.

Participated in IEEE Sponsored "NATIONAL CONFERENCE ON EMERGING TRENDS ON SUSTAINABLE TECHNOLOGY AND ENGINEERING APPLICATIONS 2020" from 07.02.2020-08.02.2020

Participation in faculty development programmes

Participated in the following NPTEL Online courses:

- FUNDAMENTALS OF DATABASE SYSTEMS (Jul - Sep 2017)
- COMPUTER ORGANIZATION AND ARCHITECTURE: A PEDAGOGICAL ASPECT (Jan - Apr 2018)
- INTRODUCTION TO AUTOMATA, LANGUAGES AND COMPUTATION (Jan - Apr 2019)
- Communication Networks and Machine Learning organized by IIIT Bhagalpur (18.01.2021-22.01.2021)
- 3D Printing and Design organized by Dr. B.C.Roy Engineering College, Durgapur. (17.08.2021-21.08.2021)

Organization of events (Dr. B. C. Roy Engineering College)

NA

Participation in administrative committees (selected)

Co-ordinator in Training & Placement Department

Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution

NA

Membership of professional bodies: IEEE, IETE, IEL, CSI, MGMI etc.

NA