

Resume



Name : Apurba Chowdhury

Date of Birth : 26/10/1979

Address (Permanent) : Kachi Pukur, Badamtala, Purba Bardhaman-713101

Address (Present) : Ekante Apartment, Flat No: 2A, Kalibazar , (Opp to Durga tala), Purba Bardhaman-713101.W.B

Contact No. : 94348-55129 / 77186-97220 / 70014-07682

E-mail : 2apurbachowdhury@gmail.com

Languages Known : Bengali, English, Hindi

Nationality : Indian

Cast : General (Unreserved)

Marital Status : Married

Sex : Male

Education:

- Pursuing Ph.D from NIT -Nagaland.

Research Area: Design an Intelligent Framework for Renewable Energy Forecasting in Energy Management Applications.

Supervisor: Dr. M. Prakash

Present status: Coursework, registration, and state-of-the-art seminar completed.

Published a paper in IEEE conference.

- Completed M. Tech (Electronics & Communication Engineering) from Kalyani Govt. Engineering College under MAKAUT (WBUT) with DGPA 8.39 (76.4%) in the year 2010
- Completed B.E. (Electronics & Communication Engineering) from The University of Burdwan with TCPA 70.7 (69.53%) in the year 2004.

Employment & Experience Details:

- Currently working as Assistant Professor at ECE department at Swami Vivekananda University, since 01/01/2026 till date.
- Served as Principal, Mallabhum Institute of Polytechnic, since 3rd July,2014 to 29th November,2024.

- Worked as Assistant Prof., Mallabhum Institute of Technology, since 25th August,2010 to 2nd July,2014.
- Served as Lecturer, Mallabhum Institute of Technology, since 1st August ,2010 to 24th August,2010.
- Worked as Lecturer (Part time), Mallabhum Institute of Technology, since 1st August ,2008 to 31st July ,2010.
- Worked as Lecturer, Mallabhum Institute of Technology, since 1st Feb ,2008 to 31st July ,2008.
- Served as OJT, HCL Infosystems Ltd. Since 19th March,2007 to 17th Jan,2008
- Worked as Lecturer (Part time), MBC institute of Engg & Tech, since 26th Oct,2006 to 16th March ,2007.
- Served as Graduate Apprentice at BSNL, since 1st April,2005 to 31st March,2006

Publications:

- “Hourly Solar Irradiance Prediction Using a Bio-Inspired Metaheuristic Firefly-Optimized Data-Driven CNN-kNN Hybrid Model” – Apurba Chowdhury, Amit Kumar Nandi, Rakesh Kumar, M. Prakash, B. Shakila. – IEEE conference organized by NIT Meghalaya, during 12th -14th June ,2026.
- “Smart Grid Evolution : Digital Transformation through Artificial Intelligence, Internet of Things, Digital Twins and Blockchain Technology.” – Apurba Chowdhury, Prakash Marimuthu, Sreejith S, and Rajesh Babu. – accepted as a book chapter in Elsevier.
- “A Compact Microstrip -Fed Dual Band Printed Antenna with Enhanced Bandwidth Incorporating L-Shaped DGS for Wireless Applications”- Binoy Kumar Paul, Apurba Chowdhury, Sudipta Das and Swarup Sarkar.
Energy systems, Drives and Automations, Lecturer Notes in Electrical Engineering 664.
- “A 3-D Printed Trapezoidal Antenna for X-Band Wireless Communications Applications”. Ashraf E. Ahmed, Wael A.E.Ali, Apurba Chowdhury and Sudipta Das.
Futuristic Communication and Network Technologies, Lecture Notes in Electrical Engineering 792.
- “A Compact Penta-Band Printed Monopole Antenna for Multiple Wireless Communication Systems.”- Sudipta Das, Apurba Chowdhury, Bikram Laha,Ravi Prakash Dwivedi, K.Vasu Basu and Mohammed EL Ghzaoui
Futuristic Communication and Network Technologies, Lecture Notes in Electrical Engineering 792.

NPTEL Online Certificate Course: Completed 12 weeks online course on Corp Management by Machine Learning, and awarded a certificate on Elite category, Score 60%.

Workshop / Seminar / Conference Attended:

Workshop / Seminar / Conference	Venue	Duration
FDP	Online mode (ATAL -AICTE)	06/01/2025 -11/01/2025
Workshop	IIT (BHU) – Varanasi	10/06/19 -15/06/19
Workshop	NIT – Durgapur	23/06/14 -27/06/14
Workshop	Mallabhum Institute of Technology	09/08/15 – 10/08/15
Conference	Mallabhum Institute of Technology	11/08/15 – 12/08/15
Conference	NIT Meghalaya	12/06/26 -14/06/26

Administrative Experience Details:

1. Executed the project “Suryamitra Skill Development Programme”.

Program Details: “Suryamitra Skill Development Programme” is a central Govt sponsored training programme based on Solar. Maintain liaise with National Institute of Solar Energy and West Bengal Renewable Energy Development Agency, Govt. of West Bengal.

2. Execute the project PMKVY-TI training. It is a central Govt. sponsored training scheme.

3. Served as HOD(In-charge) of Electronics & Communication Engg. Department at Mallabhum Institute of Technology since August ,2011 to June,2012

4. Play Instrumental role in various committee (like Anti Ragging squad, Time Table committee, Disciplinary Action Committee, Visaka etc.)

5. Successfully Execute various Government competitive examination / semester examination as Centre In-Charge.

Family Details:

- Father: Late Shyam Sundar Chowdhury, Retired State (W.B) Govt. employee.
- Mother: Late Rekha Chowdhury
- Spouse: Mrs. Moly Chowdhury, Sub-Divisional Engineer, BSNL, Govt. of India.
- Children: i) Sri Swapneel Chowdhury, ii) Sri Nilarjo Chowdhury.

Membership: IEEE (Kolkata section) membership taken.

Declaration:

I do hereby declare that above stated statements are true to the best of my knowledge.

Place :

Signature