

CURRICULUM VITAE

Piu Upadhyay
BA/84,Sukanta Park
P.O: Prafulla Kanan
Kolkata – 700 101
E-mail- piu.upadhyay@bppimt.ac.in
Mob: 9681013210

Career Objective

To contribute effectively in teaching, research, and academic development through dedication, continuous learning, and a student-centric approach in the field of Computer Science and Engineering.

Brief Overview

- Assistant Professor in Computer Science & Engineering with experience in undergraduate teaching and academic mentoring.
- Background in core computer science subjects including C Programming, Object-Oriented Programming, Computer Networks, Compiler Design, and Operating Systems.
- Involved in lecture planning, laboratory instruction, student evaluation, and academic mentoring.
- Research interests include Machine Learning, Single-Cell Data Analysis, Image Processing, and Graph-based Learning.
- Experience in academic coordination, assessment activities, and continuous student performance monitoring.

Professional Experience

Teaching Experience

- I. Assistant Professor**
B.P. Poddar Institute of Management and Technology, Kolkata
(Joined on 27 January 2017 – Present)
- II. Guest Faculty**
Aliah University, Kolkata
(03 August 2015 – 26 January 2017)
- III. Training Coordinator cum Faculty**
Consulting Management Incorporate Pvt. Ltd.
(13 October 2014 – 31 January 2015)

Other Professional Experience

- I. Technical Assistant**
University of Kalyani, West Bengal
(06 February 2015 – 31 July 2015)
- II. Executive Officer**
e-Associates
(01 April 2013 – 30 September 2014)
- III. Programmer**
Director General of Supplies & Disposals (DGSD), Government of India
(Recruited through n-Code Solutions, a branch of GNFC)
(19 September 2011 – 18 September 2012)
Project:
Worked on an **Online Tendering System** for State and Central Government organizations, involving application development, testing, and system maintenance.

Academic Responsibilities

- MAKAUT University Paper Setter and Reviewer
- Preparation of lecture notes and course materials
- Conducting laboratory sessions and evaluations
- Student mentoring and academic counseling
- Internal assessment, assignment evaluation, and examination duties
- Undergraduate project guidance

Education

Ph.D. (Registered)

Department of Computer Science & Engineering

Aliah University, New Town, Kolkata

Research Area: Bioinformatics

Research Topic: Comprehensive Study of Complex Biological Data Using Advanced Machine Learning

M.Tech in Computer Science

Heritage Institute of Technology, Kolkata (West Bengal University of Technology), 2011 – 84.4%

B.Tech in Computer Science & Engineering

IACR, Rayagada (Biju Patnaik University of Technology), 2009 – 73%

Higher Secondary (CBSE)

Kendriya Vidyalaya No. 1, Salt Lake, Kolkata, 2005

Secondary (CBSE)

Kendriya Vidyalaya No. 1, Salt Lake, Kolkata, 2003

Research Publications

1. **Upadhyay, P.**, Ray, S., A Regularized Multi-Task Learning Approach for Cell Type Detection in Single-Cell RNA Sequencing Data, **Frontiers in Genetics**, 2022. DOI: 10.3389/fgene.2022.788832.
2. **Upadhyay, P.**, Barman, S., Compound Character Recognition using View-Based Approach, Proceedings of the **IEEE Computational Intelligence and Communication Networks (CICN)**, 7–9 October 2011.
3. **Upadhyay, P.**, Barman, S., Bhattacharyya, D., & Dixit, M, Enhanced Bangla Character Recognition using ANN, Proceedings of the **IEEE Communication Systems and Network Technologies (CSNT)**, 3–5 June 2011.

Awards and Recognitions

- Awarded in **research work publication** for SCI Journal 2021-22 organized by BPPIMT, Kolkata.
- Awarded **Two Performance Certificates** by the **Deputy Director General, Directorate General of Supplies & Disposals (DGSD)**, Kolkata
(Period: 19 September 2011 – 18 September 2012)

Personal Profile:

Date of Birth	:	20-Aug-1987
Gender	:	Female
Marital status	:	Married
Nationality	:	Indian
Language Known	:	English, Hindi, Bengali

Declaration:

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Place:

Date:

(PIU UPADHYAY)