

Curriculum Vitae



Name: Mrs. Shrabanti Kundu

Address:

Present: Gokulpur, kataganj, Nadia, PIN:741250

Permanent: Vill + P.O.: Nakunda, P.S.: Goghat, Dist.: Hooghly,
PIN: 712614

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Objective:

Challenging career in IT industry, in an organization or Institution which offers abundant opportunity to innovate, grow and develop.

I am patience with my work and can explain the subject matter repeatedly. Other than this, I develop a class schedule that comprises daily lesson. I believe demonstrations can help students learn more. I am flexible with work timing and can guide my students whenever they need any help.

Academic Details

Sl No	Examination	Board/ University	Year of Passing
1	Ph.D (CSE)	University of Kalyani	Pursuing
2	M.Tech	University of Kalyani	2021
3	MCA	University of Kalyani	2019
4	BCA	University of Burdwan	2016
5	Higher Secondary	WBCHSE	2013
6	Secondary	WBBSE	2011

Technical Skills

Operating Systems: Windows 98, Windows XP, Windows 7, Windows 8/8.1/10, LINUX

Programming Languages: C, C++, VB, HTML, JAVA, JAVA Applet, PHP, SWI
Prolog, Python, R.

Databases: Oracle, MSSQL Server, MySQL, DB2.

Academic Project

Description of 1st Project:

Project Name:	Social Media Mining: Facebook Mining(MCA)
Project Type:	Minor
Duration:	August 2018-dec 2018
Role:	Developer
Team Size:	Two
Language Used:	Python, R
Description:	This project involves extracting and analyzing data from Facebook using data mining techniques to uncover insights and patterns. It aims to understand user behavior, sentiment, and trends, and identify potential applications and business opportunities.

Description of 2nd Project:

Project Name:	Indian Economy in an Analytical Overview (MCA).
Project Type:	Major
Duration:	Jan 2019-May 2019
Role:	Developer
Team Size:	Single
Language Used:	Python, R
Description:	This project provides a data-driven analysis of the Indian economy, utilizing R and Python to explore economic indicators and trends. It offers a comprehensive overview of the economy's performance, challenges, and opportunities, presenting insights through visualizations and statistical models. The project aims to inform policy decisions and business strategies with data-driven evidence.

Description of 3rd Project:

Project Name:	Encryption Through Recursive Paired parity Operation (RPPO) using
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Python.

Duration: April 2020-May 2021

Role: Developer

Team Size: Single

Description: This project implements the Recursive Paired Parity Operation (RPPO) encryption algorithm in Python, measuring encryption/decryption times, chi-square value, and comparing performance with other algorithms to evaluate its efficiency and security.

Achievements:

- ❖ College topper in BCA from Netaji Mahavidhyalaya under University of Burdwan.
- ❖ 1ST rank holder in M.Tech (CSE) from University of Kalyani.
- ❖ Achieved Best Paper Award in the 2nd Doctoral Symposium on Human Centered Computing (HUMAN 2024).

Academic Experience: I am associated with “**Derozio Memorial College**” as an Ad-Hoc teacher since december 2021 to till now.

List of Publications:

1. Kundu, S., & Mandal, J. K. (2024). Design and analysis of logic circuits based on 8 nm double gate MOSFET. *Microsystem Technologies*, 1-18, **I.F.:** 1.6

Conference Proceedings:

1. Kundu, S., & Mandal, J. K. (2023, April). Study on Effect of Si-SiO₂ and SiGe-HfO₂ to Design 8nm Double Gate MOSFET with Applications. In *2023 IEEE Devices for Integrated Circuit (DevIC)* (pp. 350-354). IEEE.
2. Kundu, S., Mandal, J. K., & Chakraborty, R. (2022, November). A 10 nm FINFET and its application. In *2022 IEEE International Conference of Electron Devices Society Kolkata Chapter (EDKCON)* (pp. 602-606). IEEE.

Personal Information:

Name: Mrs. Shrabanti Kundu

Father's Name: Mr. Sanatan Kundu

Mother's Name: Mrs. Krishna Kundu

Husband's Name Mr. Utpal Ghosh

Address

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Contact No: 8967590023(M)

E-mail ID: Kundushrabanti21@gmail.com

Declaration:

I hereby declare that all statements made in this application are true, complete and correct to best of my knowledge.

Date:13/07/2024

Signature

Place: Kanchrapara

Mrs. Shrabanti Kundu