

SUMANA CHAKRABORTY

Mobile: 9830621824/9123636894

Email: - chakrabortysumana06@gmail.com

Sumana Chakraborty

OBJECTIVE

I wish to place myself as a dedicated employee with a prejudice that my technical skills and innovative ideas would enhance the technical growth of the organization.

PROFESSIONAL EXPERIENCE

Teaching: 19 years 7 month (up to July 2026)

- Assistant Professor of CSE department at Swami Vivekananda University from July 2023 to till date.
- Assistant Professor of CSS department at Brainware University from July 2017 to June 2023.
- Assistant Professor of CSS department at Brainware Group of Institutions from August 2012 to June 2017.
- Assistant Professor of MCA department at Techno India College of Technology from Jan 2008 to July 2012.
- Faculty of Computer Science at Mrinalini Datta Mahavidyapith College, Birati from Nov 2006 to Jan 2008.

EDUCATIONAL

- PhD pursuing in Jadavpur University (Specialization- Image Processing and Machine Learning).
- MTech (Computer Science) degree from NITTTR(under MAKAUT) in 2013 with 9.64 DGPA.
- M.C.A degree from MAKAUT in 2006 with 74 %.
- BCA degree from University of Burdwan in 2003 with 73%.
- H.S (STD XII) from West Bengal Council of Higher Secondary Education in 1999 with 67.6%.
- Madhyamik (STD X) from WBBSE in 1997 with 74%.

ACHIEVEMENT

- Earned **GOLD Medal** for First Class First in M. Tech (MAKAUT)
- SET qualified

ADMINISTRATIVE INVOLVEMENTS IN SERVICE

- 1) Academic Administrator (2021-till date)
- 2) Exam Cell member for 4 years
- 3) Member of Disciplinary committee
- 4) Member of BOS Committee
- 5) Member of Syllabus Committee
- 6) Member of Cultural Committee

PUBLICATIONS:

- Text book: 1 (2009)
- Journals: 2 (Published)
- Conferences: 3(Published)
- Book chapter: 2 (Published)

Text book:

“System Analysis and Design” Sumana Chakraborty and S.Rakshit

By VIKAS PUBLISHING HOUSE PVT LTD. ISBN 978-81-259-3571-1

Name of Publication	Year of Publication	Organizer Name	Type (Journal/Conference)
Satyabrata Podder, Arka Dasgupta and Sumana Chakraborty “Analysis of Concrete Surface Cracks using Convolutional Neural Network”	2025	International Conference on Industrial Sustainability and Intelligent Infrastructure (ICISII-2025)	Conference
Satyabrata Podder , Arka Dasgupta and Sumana Chakraborty “Recent Trends of Applications of AI Tools for Surface Irregularities Detection in NDT”	2024	All India Conference on Intelligent Systems & Security Challenges in Industry 5.0 -"ISSCI-2023"	Book chapter
Sumana Chakraborty ,S.Mukherjee, “A Survey on Agile Methodologies and their cascaded effects in Software Development Life Cycle Model”	2019	International Journal of Innovative Knowledge Concepts	Journal

Probabilistic Sink Placement Strategy in Wireless Sensor Network	2019	Advances in Intelligent Systems and Computing(Springer)	Book chapter
Sumana Chakraborty, S.Bose, K.Saha, "Probabilistic Sink Placement Strategy in Wireless Sensor Network"	2018	ICCAIAIT 2018, Kolkata	Conference
Sumana Chakraborty ,S.Mukherjee, R.Haldar "Merging CBL (Confidence Based Learning)with classroom teaching for quantitative analysis to take preventive measure for betterment" ISBN: 978-81- 923034-7-5	2012	Published in e- tcm-2012, AICTE Sponsored National Conference PARADIGM SHIFT IN EDUCATION TECHNOLOGY AND CONTENT MANAGEMENT	Conference
"ERP-integrated analysis in the new era of management sciences" ISSN- 0974-1615	2008	The Vision, Journal of Management and Allied Sciences Vol-iv No. 1 January-June 2008	Journal

LECTURE AREAS

DBMS, Software Engineering, Data Structure, UNIX, Operating system, C, Machine Learning.

HOBBIES

Listening Music, Watching movies.

PERSONAL DETAILS

DATE OF BIRTH : 30th May 1981
SEX : Female.
LANGUAGE KNOWN : English, Bengali,Hindi
ADDRESS: VL-201, Siddha Town Madhyamgram
Talbanda-Saharpur,P.O- Jugberia
24 Parganas(North),700110

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Date: