Name	**DR. CHIRANJIT CHANGDAR**
Designation	**ASSISTANT PROFESSOR**
Name of the Department	**COMPUTER SCIENCE**
Email ID	**chiranjit_changdar@yahoo.co.in**
Mobile No	**9932900501**
Personal Website	**NA**
Address	**Belda College, Belda, Paschim Medinipur, WB, 721424**

Educational Qualification:

Degree Name	Institute	Year of passing/awarded
B.SC.(HONS)	VIDYASAGAR UNIVERSITY	2004
M.SC.	VIDYASAGAR UNIVERSITY	2006
PH.D.	UNIVERSITY OF CALCUTTA	2017

Career Profile/Teaching Experience

From 08/08/2007 to 19/08/2019 as a government-approved part-time teacher in the Dept. of Computer Science.

From 20/08/2019 to the present as an Assistant Professor in the Dept. of Computer Science (continuing).

Specialization/Research Area

Soft Computing, Fuzzy mathematics, DBMS, Digital Electronics, Automata,

Course/ Subject Taught

DBMS, Digital Electronics, Automata, Compiler Design, Computer Graphics, C programming

Publications in Journal / Book / Book Chapter (Last five years)

Papers

Title of the Paper	Journal Name with ISSN, Vol. etc.	Year of Publication
diffMoment: An adaptive optimization technique for Convolutional Neural Network.	Applied Intelligence. Accepted on 05/12/2022. **ISSN**: 1573-7497	2022
A 0-1 Knapsack Problem Based Approach for Solving Open-Pit Mining Problem with Type-2 Fuzzy Parameters.	Innovations in Systems and Software Engineering. Accepted (September, 2022) **ISSN**: 1614-5046	2022

A two-phase ant colony optimization based approach for single depot multiple travelling salesman problem in Type-2 fuzzy environment	Artificial Intelligence Review. Published: 02 May 2022 **ISSN**: 1573-7462	2022
A special 0-1 Knapsack problem for a small vegetable retailing system under fuzziness: a swarm optimization based approach.	Neural Computing and Applications, 2022 **ISSN**: 1433-3058	2022
Solving a mathematical model for small vegetable sellers in India by a stochastic knapsack problem: an advanced genetic algorithm based approach	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems. Accepted on 10th Dec, 2021 **ISSN**: 0218-4885	2021
Indian sign language alphabet recognition system using CNN with diffGrad optimizer and stochastic pooling	Multimedia tools and applications **ISSN** :1573-7721	2021
A genetic algorithm based approach to solve multi-resource multi-objective knapsack problem for vegetable wholesalers in fuzzy environment	Operational Research, volume 20, pages1321-1352 **ISSN**: 1866-1505	2020
An ant colony optimization based approach to solve time interval dependent travelling salesman problem under fuzziness	International Journal of Computing Science and Mathematics Vol. 14, No. 2, 2021 **ISSN**: 1752-5063	2018
A genetic ant colony optimization based algorithm for solid multiple travelling salesmen problem in fuzzy rough environment.	Soft computing, Vol. 21, 4661-4675 **ISSN**: 1433-7479	2017
A modified ant colony optimization based approach to solve sub-tour constant travelling salesman problem	International Journal of Mathematics in Operational Research, Vol. 11, No. 3, 310-331 **ISSN**: 1757-5850	2017

Book/Book Chapter

Title of the Book	Publication Name with ISSN , Vol etc.	Year of Publication

Optimization of a Few Solid Travelling Salesman Problem: ACO Based Approaches,	Advances in Computer Science (Volume - 16) ISBN 978-93-5570-487-0	2023

Conference /Seminar/Workshop Attended/Organised

Participated in a **One-Day Webinar** on "MACHINE LEARNING & DEEP LEARNING" Organized by the Department of Computer Science, Vidyasagar University, West Bengal, India

Participated in a **One-Day Webinar** on "Fundamentals of intellectual property rights: Key issues" Organized by ORGANIZED BY IQAC Cell and Research Cell, Belda College, Belda, West Bengal, India

Participated in a **One-Day Webinar** on "Use of google workspace in online teaching" Organized by ORGANIZED BY IQAC Cell and Department of B.Voc. (Software Development), Belda College, Belda, West Bengal, India

Participated in a **6-Day STTP** on "**CYBERSECURITY**" Organized by ORGANIZED BY Maulana Abul Kalam Azad University of Technology, West Bengal, India