

Soumyajit Pal | soumyajitpal@sxccal.edu | Assistant Professor, Department of Computer Science, St. Xavier's College (Autonomous), Kolkata, July 1, 2022 onward

ACADEMIC QUALIFICATION

Program	Institution	Completion
PhD	Indian Institute of Information Technology (IIIT), Kalyani	2021-present
Diploma in Artificial Intelligence and Machine Learning	University of Hyderabad	2022
M Tech Computer Science and Engineering	University of Calcutta	2019
M Sc Computer Science	St Xavier's' College (Autonomous), Kolkata	2016
B Sc (Honors) Computer Science	Scottish Church College under University of Calcutta	2014
ISC, ICSE	Don Bosco Park Circus	2011, 2009

PUBLICATIONS

- Banerjee, A., Shivakumara, P., **Pal, S.**, Pal, U., Liu, CL. (2022). DCT-DWT-FFT Based Method for Text Detection in Underwater Images. In: Wallraven, C., Liu, Q., Nagahara, H. (eds) Pattern Recognition. ACPR 2021. Lecture Notes in Computer Science, vol 13189. Springer, Cham. https://doi.org/10.1007/978-3-031-02444-3_16
- J. Ghosh Dastidar, P. Guha, **S. Pal** & N. Ahmed, "Intrusion detection using SVM in a video sequence and signaling an alarm through Arduino UNO", Proceedings of the International Conference on Computational Science and Engineering, Taylor and Francis Group, ISBN 978-1-138-02983-5

TEACHING EXPERIENCE

Position Held	Institute	Subjects Taught
Faculty of Information Technology (Jan. 4, 2021 - June 30, 2022)	St. Xavier's University, Kolkata	E-Commerce, Computer Applications in Business, Information Management System
Faculty of Computer Applications (April 10, 2019 - Dec. 31, 2020)	Techno International New Town	Computer Networking, UNIX Shell Scripting, Data Structures, Programming
Guest Faculty (Nov. 21, 2019 - Dec. 31, 2020)	Sister Nivedita University	Computer Networking, Data Structures, Operating System, Compiler Design

AREAS OF INTEREST

Remote Sensing, Deep Learning, Competitive Programming

ACHIEVEMENTS

- Qualified Graduate Aptitude Test in Engineering, 2017 and 2019 with 92.9 and 92.2 percentile respectively
- Qualified University Grants Commission National Eligibility Test for Asst. Professor (July 2018, Dec. 2019, June 2020)

PAPER PRESENTATIONS

- Presented a paper titled "**Sentiment Analysis and Classification of Online Customer Reviews using Bag of Words Approach**" at IMI-K MARCON 2019
- Presented a paper titled "**Understanding the Marketing Attribution Problem: A Machine Learning Approach**" at the 1st Virtual National Conference on Progressive India: Corporates and the Pandemic at St. Xavier's University, Kolkata