NIVEDITA SAHA

Assistant Professor
Postgraduate and Research Department of Computer Science
St. Xavier's College (Autonomous), Kolkata
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Academic Qualification:

- **M.Tech.** in Computer Science & Engineering (2015) – U.C.S.T.A., University of Calcutta
- **M.Sc.** in Computer and Information Science (2013) – U.C.S.T.A., University of Calcutta
- **B.Sc. (Hons.)** in Computer Science (2011) – St. Xavier's College (Autonomous), University of Calcutta

Work Experience:

Name of Organization	Joining	Designation	Duration
St. Xavier's College (Autonomous), Kolkata	January 2026	Assistant Professor	Till date
St Xavier's University, Kolkata Xavier Business School	July 2025	Guest Faculty	Jul 2025 – Dec 2025
Scottish Church College	February 2016	Full Time Assistant Professor (State Aided College Teacher since January 2020)	Feb 2016 – Jan 2026
T.H.K. Jain College	July 2014	Guest Lecturer	Jul 2014 – Jan 2016

Research and Publication:

- Ph.D. Title Registration has been done on 30th July, 2024 at St. Xavier's College (Autonomous), University of Calcutta on the topic "Improved Object Recognition System using Learning Techniques based on Multi-Modal Fusion of Images".

- Submitted a paper in SCI journal on 30th August, 2025 under the title, "Integrating Deep Learning- Based Techniques and Multi-Modal Fusion of Thermal and Visual images for improved Object Detection", which is still under review.

Consultancy:

- Pitched a project proposal in 2023 at Indian Statistical Institute, Kolkata on "Improved Object Detection and Recognition System using Deep Learning Techniques based on Multi-Modal Fusion of Thermal and Visual Images", and got shortlisted for a funding of 20 lakhs INR.

Academic experience:

- Acted as Head examiner, Scrutineer and Examiner of multiple papers of Computer Science at B.Sc. level under University of Calcutta.
- Moderator for multiple papers of Computer Science at B. Sc. Level under Swami Vivekananda University.
- Participated as a mentor of a team of 6 students from A.K.C.S.I.T., University of Calcutta in the Software Edition of 'Smart India Hackathon 2018'.
- Acted as a resource person and delivered lecture in the Two-Day Seminar on "AI and DBMS for Education & Research" organized by IQAC in collaboration with Science Stream, Shree Agrasen Mahavidyalaya, Dalkhola, Uttar Dinajpur from 20.11.2025 – 21.11.2025.
- Acted as a resource person on One-Day Professional Workshop on Google and AI Tools at Shree Agrasen Mahavidyalaya, Dalkhola, Uttar Dinajpur on 21.11.2025 for non-teaching staff.
- Acted as a resource person for St. Xavier's College Alumni Association on "Demystifying Artificial Intelligence (AI): A Beginner's Workshop at St. Xavier's College (Autonomous) Kolkata on 06.02.2026.

Administrative experience:

- Head, Department of Computer Science, Scottish Church College (July 2017 to June 2020).
- Member, College Admission Committee, Scottish Church College (2017-2020).
- Member, Prospectus Committee, Scottish Church College (2018-2020).
- Member, Website Committee, Scottish Church College (2017-2022).
- Member of ICT Committee, Scottish Church College.
- Member, NAAC Sub-Committee (Criterion 5) Student Support and Progression, Scottish Church College.
- Worked as an organizing committee member of Scottish Church College in the Inter College State Sports and Games Championship, 2018-2019 held during 26th February to 4th March 2019 at SAI, Netaji Subhas Eastern Centre, Kolkata.
- Appointed as a Booth Level Office (BLO) of Part 137 on 03/07/2025 under 162 - Chowrangee Assembly Constituency in connection with Special Intensive Revision (SIR) of Electoral Roll w.e.f. 2026, on being a regular employee of the State Government at Scottish Church College, Kolkata.

Additional Courses / Certifications/ Achievements:

- Certificate Course in Network Technician - N+ of 48 hour duration with satisfactory performance (CompTIA Network+ Certification from NIIT)
- Attended program on Interconnecting Network Devices of 80 hour duration from NIIT.
- Participated in the two-day Faculty Development Workshop on "Systematic Implementation of Service-Learning Practices Integrating Whole Person Education" funded by UBCHEA and organizes by Scottish Church College, Kolkata on 17th and 18th August 2022.
- Participated in a One Day Seminar on Implementation of NEP in B.Sc. Computer Science on 1st July, 2023 at The Bhawanipur Education Society College.
- Participated in Online Faculty Development Programme (FDP) on "Generative AI Tools for Smart Teaching", organized by AIACHE from 9 to June 13, 2025.
- Completed successfully an online certificate course on "Generative AI Mastermind" from Outskill.
- Completed successfully an online certificate course on "Generative AI Engineering Mastermind" from Outskill.
- Qualified UGC NET for Assistant Professor and Ph.D.

Extra-Curricular Activities and Social Responsibilities:

- Member of the Entrepreneurship Development Cell in a Business Plan Competition organized at St. Xavier's College, Kolkata.
- Worked at department of NSS at St. Xavier's College, Kolkata in village visits to teach under- privileged students.
- Participated in various intra-school sports and elocution competitions.

Subjects of Interest:

- Artificial Intelligence and Machine Learning
- Image Processing and Computer graphics
- Theory of Computation
- Database Management System
- Operating System
- Object Oriented Programming
- Computer Networks

Nivedita Saha
Date: 10th February, 2026
Place: Kolkata