



Sanjib Halder

Associate Professor

Department of Computer Science

Contact Information

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Specialization

- Software Engineering



**THE BHAWANIPUR
EDUCATION SOCIETY COLLEGE**

Biographical Sketch

Sanjib Halder, Associate Professor, Department of Computer Science, The Bhawanipur Education Society College, affiliated to University of Calcutta. He completed his 1st Master Degree (Master of Computer Application) from Indian Institute of Engineering Science and Technology, Shibpur, formerly known as Bengal Engineering College. He completed his Second Master Degree (M. E. in Software Engineering) from Jadavpur University, West Bengal, India. He worked in the Software industry for one year and then came to the academic world. He is teaching in the Computer Science Department of The Bhawanipur Education Society College for the last 20 years. He published number of papers in different journals. His area of specialization is software Engineering and his research interest includes Software Engineering, mobile computing, Network security, etc.

Academic Qualifications

Abbreviation of the Degree	Name of the College / University	Area of Specialization	Year of Passing
M.E.	Jadavpur University	Software Engineering	2004
M.C.A.	Indian Institute of Engineering Science and Technology, Shibpur	Software	2000
B.Sc.(H)	Vivekananda College, Thakurpukur, University of Calcutta	Physics	1997

Position Holding (Full Time)

- Associate Professor, Department of Computer Science, The Bhawanipur Education Society College, University of Calcutta, July 2001 – till date.

Position Held (Full Time)

- Executive (Software), Millenium Information Systems Pvt Ltd. August 2000 to July 2001



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Guest Appointment

- Guest Faculty of Computer Science, University of Calcutta, March 2018 – till date
- Guest Faculty of Computer Science, University of Calcutta, March 2018 – May 2022

Industry Experience

- Trainee (Software) - Millenium Information Systems Pvt Ltd, February 2000 – August 2000
- Executive (Software) - Millenium Information Systems Pvt Ltd, August 2000 – July 2001

Administrative Assignment

- Coordinator – Anti-Ragging Committee, November 2013 - July 2018
- Member – Anti-Ragging Committee, July 2018 -till date
- Secretary – The BES College Employee Co-operative Credit Society Limited. 2010 – 2018 (8 Years)
- Board of Directors – The BES College Employee Co-operative Credit Society Limited. 2018 – till date

Subjects Taught

C Programming | Data Structure | Digital logic | Computer Architecture | Operating System | Database Management System | Java Programming | Networking | Software Engineering

Co-Edited Book

- Coherence, Volume I, Issue 2, Seminar Edition, December 2015, ISBN NO. 978-81-930092-6-0

Invited Lectures

- Delivered lecture on “A Three-Day Online Workshop on MS-EXCEL and Its Application in Economics” Jointly organized by the Dept. of Comp. Sc. and Department of Economics, The Bhawanipur Education Society College in July, 2020.
- Delivered an invited talk on “Electronic Waste: Problem, Management and Policies in India” in a Webinar Organized by Department of Computer Science in collaboration with IQAC, Acharya Jagadish Chandra Bose College, on 22nd August 2020.





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Invited Lectures

- Delivered lecture in a faculty development program organized by the Dept. of Comp. Sc, The Bhawanipur Education Society College in May, 2018.
- Delivered an invited talk on "Data Structure: Art of Programming" in a seminar organized by the Department of Computer Science, Acharya Jagadish Chandra Bose College on 26th September, 2015.

Journal Publications

- S. Halder, S Roy, "Fast Convergence IP Routing Scheme Based on Special Nodes using 2-Port Router In Campus Network" International Journal of Engineering Research and Technology, Volume 4 Issue 11, pp. 578-583, Nov. 2015.
- S. Halder, S Roy, "Problem, Policies and Management of Electronic Waste in India: A Review" Coherence, Vol 1 Issue 2, pp. 65-70, Dec 2015.
- S Halder, S. Roy, "An efficient approach towards failure recovery in ip networks using binary router", International Journal of Latest Trends in Engineering and Technology, Vol 7 Issue 3, pp. 92-98, June, 2016.
- A. V. Singhanian, A. Bhattacharya, P. Banerjee, S. Halder, "Statistical Inference of the Effectiveness of Lockdown for COVID 2019 in India", International Research Journal of Engineering and Technology, Volume: 07 Issue: 05, pp 5920-5925, May 2020.
- A. Bhattacharya, P. Dutta, S. Halder, P. Banerjee, S.K. Bandyopadhyay, "A Mathematical Model to Forecast and Compare COVID-19 Outbreak in Male and Female using Polynomial Regression Analysis," International Journal of Computer Sciences and Engineering, Vol.8, Issue.5, pp.139-143, 2020.
- Chakraborty S., Basu K., Halder S., Saha C. "IntelliChem Identifier: An Intelligent Search Engine at Your Fingertips for the Identification of Unknown Organic Compounds", Resonance - Journal of Science Education, vol 26, Issue 5, May 2021, pp 685-703. <https://www.ias.ac.in/article/fulltext/reso/026/05/0685-0703>





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Publications In Edited Conference Volumes

- Halder S., Dutta S., Banerjee P., Mukherjee U., Mehta A., Ganguli R. (2021) "A Survey on Online Spam Review Detection." In: Hassanién A.E., Bhattacharyya S., Chakrabati S., Bhattacharya A., Dutta S. (eds) Emerging Technologies in Data Mining and Information Security. Advances in Intelligent Systems and Computing, vol 1300. Springer, Singapore. https://doi.org/10.1007/978-981-33-4367-2_68
- Ganguli R., Banerjee P., Halder S., Sen S. (2021) "A Mathematical Recommendation Model to Rank Reviewers Based on Weighted Score for Online Review System." In: Tavares J.M.R.S., Chakrabarti S., Bhattacharya A., Ghatak S. (eds) Emerging Technologies in Data Mining and Information Security. Lecture Notes in Networks and Systems, vol 164. Springer, Singapore. https://doi.org/10.1007/978-981-15-9774-9_31
- Sanjib Halder, Bijoy Kumar Mandal, Arindam Biswas (2022) "Information Security Using Key Management" In: Suman Ghosal, Amitava Choudhury, Vikram Kumar Saxena, Arindam Biswas, Prasenjit Chatterjee (eds) Advances in Data Science and Computing Technology. Methodology and Applications, 1st Edition. Apple Academic Press, New York. <https://doi.org/10.1201/9781003277071>

Paper Presentations At Conferences

- Presented a paper titled "A Survey on Online Spam Review Detection" at the 2nd International Conference on Emerging Technologies in Data Mining and Information Security IEMIS 2020, Institute of Engineering & Management Group, Department of Computer Application and Science, 2nd to 4th July 2020.
- Presented a paper titled "A Mathematical Recommendation Model to Rank Reviewers Based on Weighted Score for Online Review System", at the 2nd International Conference on Emerging Technologies in Data Mining and Information Security IEMIS 2020, Institute of Engineering & Management Group, Department of Computer Application and Science, 2nd to 4th July 2020.
- Presented a paper titled "Information Security using Key Management" at the International Conference on Recent Trends in Mathematical Science & Computing, IEM Kolkata, Department of Basic Science and Humanities, 7th February 2020.
- Presented a paper titled "Green Computing: An Eco-friendly Approach to conserve energy and minimize E-Waste Generation" at the UGC Sponsored National Seminar on Environmental Awareness Demand of The Day, The Bhawanipur Education Society College and Dept. of Environmental Science, C.U 9th & 10th September 2016.





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Paper Presentations At Conferences

- Presented a paper titled "Green Computing: An Eco-Friendly and Energy Efficient Computing" at the UGC Sponsored State-Level Seminar on Environmental Pollution: Cause, Impacts & Control, The Bhawanipur Education Society College and IAPQR, 4th April 2015.
- Presented a paper titled "Electronic Waste : Problem, Management and Policy in India" at the UGC Sponsored State-Level Seminar on Environmental Pollution: Cause, Impacts & Control, The Bhawanipur Education Society College and IAPQR, 25th April 2015.
- Presented a paper titled "Fast IP Network Recovery Scheme using 2 port router" at the UGC Sponsored National Seminar on Recent Trends In Applicable Mathematics, The Bhawanipur Education Society College and IAPQR, 24th April 2015.

Awards / Recognitions

- Received Best Paper Award for the paper titled "A Mathematical Recommendation Model to Rank Reviewers Based on Weighted Score for Online Review System", at the 2nd International Conference on Emerging Technologies in Data Mining and Information Security IEMIS 2020, Institute of Engineering & Management Group, Department of Computer Application and Science, 2nd to 4th July 2020. in the Track 6: Information Retrieval.

Coordinated Programs

- Educational Tour at Jaldhaka hydel power plant, Kalimgpong, Organized by the Department of Computer Science, The Bhawanipur Education Society College on 22-25 Sept 2019
- Three day workshop on python programming with introduction to machine learning Organized by the Department of Computer Science, The Bhawanipur Education Society College on 25 – 27 Feb 2019
- Educational Tour to CU Organized by the Department of Computer Science, The Bhawanipur Education Society College on 20.12.2018
- Faculty Development Programme, Organized by the Department of Computer Science, The Bhawanipur Education Society College, 2018
- CBCS workshop, Organized by the Department of Computer Science, The Bhawanipur Education Society College on 28.06.2018





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Coordinated Programs

- UGC Sponsored National Seminar on Recent Trends In Applicable Mathematics Organized by The Bhawanipur Education Society College in collaboration with IAPQR on 24.04.2015
- "FlashBack : Alumni Meet " at Arapanch, Sonarpur Organized by the Department of Computer Science, The Bhawanipur Education Society College on 11th December,2022
- Educational Tour at Ramoji Film City, Hyderabad, Organized by the Department of Computer Science, The Bhawanipur Education Society College on 18-22 Nov 2022
- "CodeFiesta : A One Day Inter College Code Competition" Organized by the Department of Computer Science, The Bhawanipur Education Society College on 12th November, 2022
- "Career Avenues for Science Graduates : A Talk by the Alumni of the CS department" Organized by the Department of Computer Science, The Bhawanipur Education Society College on 20th September, 2022
- "Lecture Series -1: Symposium on Artificial Intelligence and Machine Learning " Organized by the Department of Computer Science, The Bhawanipur Education Society College on 25th June,2022

Vision Statement

- Encourage students to focus on sense of service, creativity, professionalism, ethics, and dedication in life.
- Promote the virtues of research and scholarly inquiry, so that students can bring important critical thinking skills to their pursuits, both inside and outside the college.

Signature of the
Faculty Member



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Date: 01st September, 2022