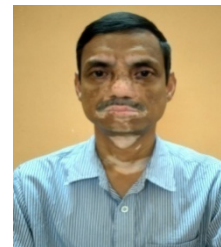


Alok Haldar
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Department	Computer Science & BCA
Phone No.	(+91) 9433414886
Email Id	haldaralok@gmail.com , alok@kharagpurcollege.ac.in
Qualifications	MCA, M.Tech, M.Phil., UGC-NET.
Teaching Experience 22 years(Altogether)	From 1 st December 2002 to 12 th June 2017 as Government Approved Contractual Whole Time Teacher(CWTT), Department of Computer Science at Syamaprasad College, Kolkata under University of Calcutta. From 13 th June 2017 to till date as Assistant Professor, Department of Computer Science & BCA at Kharagpur College, Kharagpur, West Medinipur under Vidyasagar University.
Research Experiences	Data Hiding, Image processing, Data Security.
Administrative Position (Academic)	<ol style="list-style-type: none"> 1. Head, Department of Computer Science & BCA (2017 onwards). 2. Member, Board of Studies in Computer Science Vidyasagar University, Midnapore (2023 onwards). 3. Member, Academic Sub-Committee, Kharagpur College, Midnapore, Paschim Medinipur (2017 onwards). 4. Co-ordinator, Admission Sub-Committee, Kharagpur College, Midnapore, Paschim Medinipur (2017-2019). 5. Nodal officer, Central Admission Portal, Kharagpur College, Midnapore, Paschim Medinipur.
Administrative Position in Different Committees	<ol style="list-style-type: none"> 1. Member, RUSA, Kharagpur College (2017 Onwards). 2. Member, Purchase Sub-Committee, Kharagpur College (2017 Onwards). 3. Member, Career Conseling Sub-Committee, (2017 Onwards). 4. Secretary, Organising Committee, Two Day International Webinar on “Machine Learning and Steganography”, organised by Department of Computer Science and BCA, Kharagpur College on 4th and 5th August, 2020. 5. Secretary, Organising Committee, One Day National Webinar on “Cyber Security”, organised by Department of Computer Science and BCA, Kharagpur College on 30th June, 2023.

Publications/Conferences

Sl. No.	Research articles	Authors	Journal	Year	Index/ Impact factor
1	Secured Information Communication Exploiting Fuzzy Weight Strategy_ https://link.springer.com/chapter/10.1007/978-981-99-4433-0_9	<ul style="list-style-type: none"> • A. Haldar, • B. Jana, • S. Jana, • N.K Sao, • T.N Vo 	Procedings of International Conference of Network Security & Blockchain Technology	2023	Springer Nature Singapore

2	Secured Convert Communication Through Blockchain Technology https://link.springer.com/chapter/10.1007/978-981-99-4433-0_35	<ul style="list-style-type: none"> • S. Jana, • S. Dutta, • S. Roy, • K. Kundu, • A. Haldar, • D. Bera, • T.N. Vo 	Proceedings of International Conference of Network Security & Blockchain Technology	2023	Springer Nature Singapore
3	Solving a Mathematical Model for Small Vegetable Sellers in India by a Stochastic Knapsack Problem: An Advanced Genetic Algorithm Based Approach https://doi.org/10.1142/S0218488522500271	<ul style="list-style-type: none"> • C. Changdar, • P. K. Giri, • R. K. Pal, • A. Haldar, • S. Acharyya, • D. Dhal, • M. Khowas, • S. K. Sahana 	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	2022	I.F.: 1.5 Index: SCImage
4	Pixel value ordering with prediction error expansion based high fidelity reversible data hiding scheme https://dx.doi.org/10.37622/IJAER/14.4.2019.997-1005	<ul style="list-style-type: none"> • A. Haldar, • S. De, • B. Jana 	International Journal of Applied Engineering Research, ISSN: 0973-4562	2019	Index: SCOPUS
5	Reversible Data Hiding Scheme using Prediction Error Expansion in Pixel Value Blocking and Ordering https://dx.doi.org/10.37622/IJAER/14.8.2019.2029-2037	<ul style="list-style-type: none"> • S. De, • A. Haldar, • B. Jana 	International Journal of Applied Engineering Research, ISSN: 0973-4562	2019	Index: SCOPUS

Book Chapter

Sl. No.	Research articles	Authors	Book	Year	Index
1	Secured Information Communication Exploiting Fuzzy Weight Strategy https://link.springer.com/chapter/10.1007/978-981-99-4433-0_9	<ul style="list-style-type: none"> • A. Haldar, • B. Jana, • S. Jana, • N.K Sao, • T.N Vo 	Lecture Notes in Networks and Systems: Volume - 738, Proceedings of International Conference on Network Security & Blockchain Technology (ICNSBT 2023)	2023	Springer Nature Singapore
2	Secured Convert Communication Through Blockchain Technology https://link.springer.com/chapter/10.1007/978-981-99-4433-0_35	<ul style="list-style-type: none"> • S. Jana, • S. Dutta, • S. Roy, • K. Kundu, • A. Haldar, • D. Bera, • T.N. Vo 	Lecture Notes in Networks and Systems: Volume - 738, Proceedings of International Conference on Network Security & Blockchain Technology (ICNSBT 2023)	2023	Springer Nature Singapore

Paper presentation in seminars

1.	One day 4 th National Seminar on “ADVANCED COMPUTATION, ALGORITHM and SECURITY (ACAS-2K24)” organized by Department of Computer Science, at VIDYASAGAR UNIVERSITY, MIDNAPORE, WEST BENGAL, INDIA on 1 st March 2024.
2.	Two-day International Conference on “Network Security & Blockchain Technology (ICNSBT-2023)” organized by Department of Computer Science, at VIDYASAGAR UNIVERSITY, MIDNAPORE, WEST BENGAL, INDIA jointly by the Computer Society of India, Kolkata Chapter on 25-26 March, 2023

Orientation and Refresher Courses attained

- (i) An UGC-Sponsored 3rd **Faculty Induction Programme (FIP) (GURU DAKSHATA)** organized by **Devi Ahilya Vishwavidyalaya, Indore, Under the UGC, Human Resource Development Centre (HRDC)**, from 20th August, 2021 to 16th September, 2021.
- (ii) A 4-week **Induction/Orientation Programme** organized by **Teaching Learning Centre, Ramanujan College, University of Delhi**, Under the aegis of **Ministry of Human Resource Development**, **Pandit Modan Mohan Malaviya National Mission on Teachers and Teaching**, from 1st September to 30th September 2020.
- (iii) An UGC-Sponsored 3-week **Refresher Course** organized by **Department of Computer Science & Technology, University of Calcutta, Kolkata, Under the UGC, Human Resource Development Centre (HRDC)**, from 31st December 2018 to 21st January 2019.

Seminar/Workshop attained

- (i) **One- Day National Seminar** on “*SYAMAPRASAD MUKHERJEE MEMORIAL LECTURE ‘ on ‘Rabindranath’s Philosophy of Education’ & Seminar on ‘State, Gender and Development’*” organized by Department of History at **Syamaprasad College, Annex Campus, Kolkata** on 7th December 2010
- (ii) **One- Day UGC-Sponsored National Seminar** on “*Contemporary Issues in Development: The Changing Pattern and Role of FDI in India*” organized by Department of Economics and Commerce, **Syamaprasad College in Collaboration with Economic Research Unit, Indian Statistical Institute, Kolkata at Syamaprasad College, Kolkata** on 24th April 2013.
- (iii) **One- Day National Seminar** on “*Pluralism & Socio-Economic Development in India*” organized by West Bengal College and University Teachers’ Association at **Darbhangha Hall, University of Calcutta** on 4th November 2017.
- (iv) **Two- Day National Seminar** on “*Higher Education in India: Contemporary issues-Task Ahead*” organized by Murshidabad District Committee, West Bengal College and University Teachers’ Association at **Rabindrasadan, Berhampore, Murshidabad, West Bengal** on 06-07th October 2018.
- (v) **One- Day International Seminar** on “*Management Information System*” organized by Department of Economics, **Kharagpur College in Collaboration with Debra Thana Sahid Khudiram Smriti Mahavidyalaya, Debra at Kharagpur College** on 9th September 2018.
- (vi) **One- Day State Level Seminar** on “*National Educational Policy - 2019*” organized by Jadavpur University, Kolkata jointly with West Bengal College and University Teachers’ Association at **Shibananda Hall, Ramkrishna Mission Institute of Culture, Golpark, Kolkata** on 23rd November 2019.
- (vii) **One- Day National Seminar** on “*Iswar Chandra Vidyasagar-The Proponent of Rationalism and Free Thinking*” jointly organized by Midnapore College(Autonomous), Midnapore, Paschim medinipur & Paschim Medinipur District Committee, WBCUTA at **Vivekananda Hall, Midnapore**

- College(Autonomous)** on 21st December 2019.
- (viii) **5-Days Faculty Development Program** on “Recent advances in Machine Learning and its Applications” organized by **Amity Institute of Information Technology** on 23-27th June 2020.
- (ix) **One Day International Webinar** on “*Better Understanding of Pandemic Covid-19*” organized by **IQAC, Kharagpur College** on 23rd June 2020.
- (x) **One- Day National webinar** on “COVID-19 Pandemic: Challenges and Reorientation of Teaching Learning and Evaluation Procedure in Higher Education” organized by **IQAC, Vivekananda College for Women** on 25th June 2020.
- (xi) **5-Days Faculty Development Program** on “Recent advances of Machine Learning and its Applications” organized by **Amity institute of Information Technology** on 23rd June to 27th June 2020.
- (xii) **One Day National e-Seminar** on “Role of Homeopathy in enhancing immunity” Organised by the **Department of Physiology, Mahadevananda Mahavidyalaya, Barrackpore** on 1st July 2020.
- (xiii) **Two-day National Webinar** on “Online Education in the Changing Times: Problems and Prospects” organised by **Vidyasagar University Teachers’ Association** on 7th July to 8th July 2020.
- (xiv) **One Day International Webinar** on “Microfabrication Technology” organized by Department of Computer Science and Engineering, **JIS College of Engineering** on 9th July 2020.
- (xv) **Two Day International Webinar** on “Values and Responsibilities during Pandemics” organized by **Morning Shift and NSS** of Kharagpur College on 13th & 14th July 2020.
- (xvi) **Two Day National Webinar** on “*Recent Trends in Computer Science-I*” organized by **Department of Computer Science & IQAC, Mahestala College** on 29th & 30th July 2020.
- (xvii) **Two Day Webinar** on “ NAAC Assessment and Accreditation Process” under UGC PARAMARSH Scheme organized by **IQAC and Academic council, St. Xavier’s College, Kolkata** on 30th & 31st July 2020.
- (xviii) **Two-day International Webinar** on “Machine Learning and Steganography” organized by the **Department of Computer Science and BCA , Kaharagpur College** on 4th & 5th August 2020.
- (xix) **Two-day Orientation Program** on “*Blood Donor’s Motivation*” organized by **NSS Unit, Kharagpur College** on 22-23 August 2020.
- (xx) **Two-day International Webinar** on “Emerging Trends & Advances Machine Learning” Organised by **Debra Thana Sahid Kshudiram Smriti Mahavidyalaya, Debra** in technical collaboration with **IEEE Computational Intelligence Society, Kolkata Chapter** on 22nd & 23rd August 2020.
- (xxi) **Two-day International Webinar** on “Emerging Need of Digital Education in The Context of COVID-19 Pandemic” organized by Department of BCA, **Garhbeta College, Garhbeta** on 3rd & 4th October 2020.
- (xxii) **One Day National Webinar** on “*MATLAB and Its Applications*” organized by Department of Mathematics, **Kharagpur College** on 17th October 2020.
- (xxiii) **Two-Day National Webinar** on “Fake News and Image Detection on Social Media” Sponsored by DST-SERB organized by **Department of Computer Science Vidyasagar University**, on 15th & 16th March 2021.
- (xxiv) **5-Days Faculty Development Programme** on “Foundation for Innovation in Interdisciplinary Cyber Physical System” (ICPS), **SUSET 2021** organised by the **Department of Information Technology, Haldia Institute of Technlogy, Haldia** on 26th to 30th April 2021.
- (xxv) **One Day National Webinar** on “*Body’s fight against harmful invaders: How we fight Corona Virus and for how long?*” organized by **Indian National Science Academy (INSA) Kolkata Chapter** in association with **Kharagpur College (IQAC & UBA Unit)** on 9th June 2021.
- (xxvi) **One Day Internatinal Webinar** on “Artificial Intelligence & Data Science” organized by **Department of Software Development, B. Voc Studies & IQAC, Asutosh College, Kolkata** on 11 & 12th June 2021.
- (xxvii) **One-Day State Level Webinar** on “Academic and Administrative Responsibilities of College Teachers Thursting Upon Their Promotion under CAS” organized by **IQAC, AJC Bose College, Kolkata** on 25th June 2021.
- (xxviii) **One day State Level Workshop** on “Guidelines on CAS API during pandemic” organized by **Teachers’ Council & IQAC, Sarojini Naidu College for Women, kolkata** on 24th July 2021.
- (xxix) **Online Workshop** on “Career Advancement Scheme (CAS)” organized by **IQAC, Gohale Memorial**

- Girls' College, kolkata** on 28th July 2021.
- (xxx) **Two-Day National Webinar on “Application of Computational Statistics in modern era”** organized by **Department of Computer Centre, Vidyasagar University** on 2nd & 3rd September, 2021.
- (xxxi) **One Day National Webinar on “Non-Violence: Its Relevance of Yesterday, Today and Tomorrow”** organized by The **Department of Philosophy, Kharagpur College** on 27th September, 2020.
- (xxxii) **One Day National Webinar on “Steganography- An Art of Hidden Communication”** organized by **IQAC and Department of Computer Science** on 9th December 2021.
- (xxxiii) **One day Webinar on “Relevance of Ramanujan in Today’s Society”** organized by **Kharagpur College Alumni Association** on 11th December 2021.
- (xxxiv) **One-Week Faculty Development Program on “Application of Data Science & Analytics”** organized by **School of Computer Science and Engineering XIM University, Bhubaneswar** on 13th to 17th December 2021.
- (xxxv) **5 Days International Faculty Development Program on “Machine Learning and Internet of Things”** held virtually using GotoMeeting platform organized by **Department of Computer Science and Technology & Department of Electrical Engineering of Global Institute of Science and Technology, Haldia, India** from 6th - 10th June, 2022.
- (xxxvi) **5-Days National Workshop on “Recent Research Trends in Computer Science and Engineering (Online)”**, organised by **School of Computer Science and Engineering, VIT-AP University, Amaravati** from 26th - 30th July 2022.
- (xxxvii) **Two Day Workshop on “NAAC Revised Accreditation Framework (Raf)”** organized by **IQAC, Chandrakona Vidyasagar Mahavidyalaya** on 24-25th February, 2023.