Akash Mehta

College Whole Time Teacher

Department of Computer Science

Contact Information

Contact Address (Office)
5 Lala Lajpat Rai Sarani,
Kolkata: 700 020

Contact Number (Office)
(033) 4019-5555

E-Mail ID (Official)
akash.mehta@thebges.edu.in

THE BHAWANIPUR EDUCATION SOCIETY COLLEGE

Biographical Sketch

Akash Mehta is currently associated as College Whole Time Teacher, in the Department of Computer Science, The Bhawanipur Education Society College, affiliated to the University of Calcutta. Prior to joining this institution, he worked as a full-time lecturer, Indus Institute of Information Management. He completed his Masters of Technology in Computer Science and Engineering from the University of Calcutta, in 2017. He obtained his Masters of Science degree in Computer and Information Science from the University of Calcutta in 2015. He completed his Bachelor of Science (Honours) degree in Computer Science from St. Xavier's College (Autonomous), Kolkata, in the year 2013. He is currently pursuing Ph.D in Computer Science and Engineering from the same institute. He has been awarded the Junior Research Fellowship by virtue of cracking the CBSE-NET examination with JRF in 2018. He has even cracked the GATE examination in 2015. He has authored multiple research papers which have not only been published in well reputed International Journals but also in the Proceedings of International Conferences. He has also presented his research papers in multiple International Conferences. He has 5 years of experience in Teaching and Research. He has also participated in several national and international seminars / webinars / workshops / conferences.

Academic Qualifications

Abbreviation of the Degree	Name of the College / University	Class Obtained	Area of Specialization	Year of Passing
Ph.D	University of Calcutta	N.A	Computer Vision and Deep Learning	Ongoing
M.Tech	University of Calcutta	1st Class	Computer Science and Engineering	2017
M.Sc	University of Calcutta	1st Class	Computer and Information Science	2015
B.Sc (Honors)	St. Xavier's College (Autonomous), Kolkata	1st Class	Computer Science	2013

Akash Mehta

College Whole Time Teacher
Department of Computer Science

Position Holding (Full Time)

- College Whole Time Teacher, Department of Computer Science, The Bhawanipur Education Society College, University of Calcutta, July 2017 - Present

Position Held (Full Time)

- Full Time Lecturer, Indus Institute of Information Management, March 2017 - June 2017

Administrative Assignment

- Coordination and Mentorship of 3rd Year B.Sc. Computer Science Honours students, Department of Computer Science, The Bhawanipur Education Society College, University of Calcutta, 2018 – Present.

- Coordination and Mentorship of 2nd Year B.Sc. Computer Science Honours students, Department of Computer Science, The Bhawanipur Education Society College, University of Calcutta, 2018 – Present.

- Coordination and Mentorship of 1st Year B.Sc. Computer Science Honours students, Department of Computer Science, The Bhawanipur Education Society College, University of Calcutta, 2018 – Present.

- Member of the NAAC Steering Committee – (Assistant to The Coordinator of Criteria-IV) – The Bhawanipur Education Society College, University of Calcutta, 2019 – Present.

- ISO Coordinator of the Department of Computer Science – The Bhawanipur Education Society College, University of Calcutta, 2019 – Present.

- Part III Examination Coordinator for the Department of Computer Science - The Bhawanipur Education Society College, University of Calcutta, September 2020.

- Part I, II Examination Coordinator for the Department of Computer Science - The Bhawanipur Education Society College, University of Calcutta, November-December 2020.

- Semester II, IV Examination Coordinator for the Department of Computer Science - The Bhawanipur Education Society College, University of Calcutta, November-December 2020.

Akash Mehta

College Whole Time Teacher

Department of Computer Science

- Helped Conduct the Semester I, III, V Examination for the Department of Computer Science - The Bhawanipur Education Society College, University of Calcutta, March 2021.

- Helped Conduct the Part I, II Examination for the Department of Computer Science - The Bhawanipur Education Society College, University of Calcutta, March 2021.

- Responsible for making the Semester Routines for the Department of Computer Science - The Bhawanipur Education Society College, University of Calcutta, 2019 – Present.

- Convener of Apti-Fest 2020 – an inter-college aptitude competition organized by The Bhawanipur Education Society College, University of Calcutta, October 2020.

- Organized and Participated in multiple Web-Talks, Seminars and Competitions for the Department of Computer Science – The Bhawanipur Education Society College, 2017 – Present.

Subjects Taught

Computer Organization and Architecture [Theory and Practical] (2017 – Present) | Programming with Visual Basic 6.0 (2017-2020) | Programming with SQL (2017-2020) | Computer Networking (2017) Theory of Computation (2017 - Present) | Digital Logic and Circuit Design [Theory and Practical] (2018-2019) | Office Tools (Documentation, Spreadsheet and Slide Creation), HTML, CSS Practical (2018) | Algorithm and Data Structure (2019-Present) | Introduction to Programming with C [Practical] (2017-Present) | Introduction to Algorithms and its Applications [Theory and Practical] (2019 – Present) | Operating Systems (2020 – Present) | Shell Programming (2020 – Present) | Introduction to OOP with Java [Theory and Practical] (2020 – Present) | Introduction to Programming with Python [Theory and Practical] (2019 – Present) | Data Mining [Practical] (2020 – Present)

Research Interests

- Computer Vision |
- Neural Architectural Search
- Deep Learning
- Natural Language
- Processing
- Machine Learning

THE BHAWANIPUR
EDUCATION SOCIETY COLLEGE

Akash Mehta

College Whole Time Teacher

Department of Computer Science

Journal Publications

- S. Dutta, A. Mehta and S. K. Bandyopadhyay, "A Novel Integrated Framework for Sarcasm," International Journal of Engineering and Advanced Technology (IJEAT), vol. 9, no. 4, pp. 943-950, 2020.

- A. Dutta, P. Ghosh, A. Mehta and S. Dutta, "Revisiting Depression Detection Paradigms Using Machine Learning Approaches," International Journal of Research in Engineering and Applied Sciences, vol. 10, no. 3, pp. 1-11, March 2020.

- Sen, S., Mehta, A., Ganguli, R., & Sen, S. (2021). Recommendation of Influenced Products Using Association Rule Mining: Neo4j as a Case Study. SN Computer Science, 2(2), 1-17.

- Dutta, S., & Mehta, A. (2021). Unfolding Sarcasm in Twitter Using C-RNN Approach. Bulletin of Computer Science and Electrical Engineering, 2(1), 1-8.

Publications In Edited Conference Volumes

- Runa Ganguli, Akash Mehta, Soumya Sen "A Survey on Machine Learning Methodologies in Social Network Analysis" Published in the in the IEEE 8th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2020) June 4-5,2020, Noida, India.

- Runa Ganguli, Akash Mehta, Narayan C. Debnath, Sultan Aljahdali, Soumya Sen "An Integrated Framework for Friend Recommender System Using Graph Theoretic Approach" Proc. of the 35th International Conference on Computers and Their Applications (CATA 2020) EPiC Series in Computing Volume 69,2020, Pages 242-255.

- Singhania, A. V., Mukherjee, S. L., Majumdar, R., Mehta, A., Banerjee, P., & Bhoumik, D. (2021). A machine learning based heuristic to predict the efficacy of online sale. In Emerging Technologies in Data Mining and Information Security: Proceedings of IEMIS 2020, Volume 3 (pp. 439-447). Springer Singapore.

- Sanjib Halder, Shawni Dutta, Priyanka Banerjee, Utsab Mukherjee, Akash Mehta, Runa Ganguli "A Survey on Online Spam Review Detection" Published in the Springer Advances in Intelligent Systems and Computing (AISC) Series. Emerging Technologies in Data Mining and Information Security IEMIS(2020). vol 1300. Pp. 717-724 Springer, Singapore. https://doi.org/10.1007/978-981-33-4367-2_68

Akash Mehta

College Whole Time Teacher

Department of Computer Science

Paper Presentations At Conferences

- Presented a paper on "A Survey on Online Spam Review Detection" at the 2nd International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2020) on July 02-04 2020, at Institute of Engineering and Management, Kolkata, West Bengal.

- Presented a paper on "A Survey on Machine Learning Methodologies in Social Network Analysis" at the 8th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2020) (Trends and Future Discussions) on June 04-05 2020, at Amity University, Uttar Pradesh.

Participation In Seminars / Webinars / Workshops / Conferences

- Participated in a Popular Talk on "Dealing with Large Scale Computation as well as data" (September 11, 2017) organized by the Department of Computer Science – The Bhawanipur Education Society College.

- Participated in a Popular Talk on "Classical Computation" on December 1,2017 organized by the Department of Computer Science – The Bhawanipur Education Society College.

- Participated in a One Day Workshop on "Syllabus for Computer Science (Honours and General) under CBCS" on 28th June 2018 organized by the Department of Computer Science – The Bhawanipur Education Society College.

- Participated in a Popular Talk on "Career Avenues for Computer Science Graduates" on September 18, 2018 organized by the Department of Computer Science – The Bhawanipur Education Society College.

- Participated in a University Visit to the University of Calcutta for the students of Computer Science, The Bhawanipur Education Society College in December 2018 organized by the Department of Computer Science – The Bhawanipur Education Society College.

- Participated in the seminar and competition entitled "Fight for a Green Environment" organized by the Environmental Development Committee, The Bhawanipur Education Society College, on 22nd April, 2019.

- Participated in a Three-Day Workshop on "Python Programming with Introduction to Machine Learning" from 25th to 27th February 2019 organized by the Department of Computer Science – The Bhawanipur Education Society College.

THE BHAWANIPUR
EDUCATION SOCIETY COLLEGE

Akash Mehta

College Whole Time Teacher

Department of Computer Science

- Participated in an online talk on "Environment and Climate Concerns : Rethinking Education Strategies" organized by the Environmental Development Committee, The Bhawanipur Education Society College, on 5th June, 2020.

- Participated in An online talk on Simplifying Artificial Intelligence, Machine Learning and Data Science on 13th June 2020 organized by the Department of Computer Science – The Bhawanipur Education Society College.

- Participated in a webinar on "Application Of Number Theory In Cyber Security: Few Illustrations Through SageMath" organised by the Department of Mathematics, The Bhawanipur Education Society College on 20th June, 2020.

- Participated in the webinar "Saha and His Journey to the Stars", organized by the Department of Physics, The Bhawanipur Education Society College on 22nd June,2020.

- Participated in a webinar on "The Sky & Beyond" organized by the Department of Mathematics, The Bhawanipur Education Society College on 23rd June, 2020.

- Participated in A Two Days Webinar on "Pedagogical and Psycho-Social Challenges to the students amidst Covid-19 Catastrophe" organized by Department of Chemistry, The Bhawanipur Education Society College, on 25th and 26th June, 2020.

- Participated in a S4DS (Society For Data Science) Webinar on "Deep Fakes" on 4th July 2020.

- Participated in a Two-Day Student Webinar On the cutting edge technologies in Computer Science on 26th and 27th August 2020 organized by the Department of Computer Science The Bhawanipur Education Society College.

- Participated in A Web-Talk on "Deep Learning and Computational Intelligence" on 19th October 2020 organized by the Department of Computer Science – The Bhawanipur Education Society College.

- Participated in A Two-Day WebTalk on Introduction to Cloud Coding with AWS and CloudSim on 5th and 6th July, 2021 organized by the Department of Computer Science – The Bhawanipur Education Society College.

THE BHAWANIPUR
EDUCATION SOCIETY COLLEGE

Akash Mehta

College Whole Time Teacher
Department of Computer Science

Online Certifications

- Completed an online course on 'Neural Networks and Deep Learning' at Coursera.

- Completed an online course on 'Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization' at Coursera.

- Completed an online course on 'Structuring Machine Learning Projects' at Coursera.

- Completed an online course on 'Convolutional Neural Networks' at Coursera.

- Completed an online course on 'Sequence Models' at Coursera.

Awards / Recognitions

Received Junior Research Fellowship award by virtue of cracking the CBSE-NET examination with JRF in 2018.

Special Invitations

- Invited as a Resource Person in a Faculty Development Program on Powerpoint Presentations, under "Basic Computer Skills", organized by The Department of Computer Science, The Bhawanipur Education Society College from 11th June to 29th June 2018.

- Invited as a Resource Person in A Three-Day Online Workshop on MS-EXCEL and Its Application in Economics jointly organized by the Departments of Economics and Computer Science, The BES College on 15th July, 2020.

Other Notable Activities

- Organized Popular Talk on "Dealing with Large Scale Computation as well as data" on September 11, 2017.

- Organized Popular Talk on "Classical Computation" on December 1,2017.

- Organized a One Day Workshop on "Syllabus for Computer Science (Honours and General) under CBCS" on 28th June 2018.

Akash Mehta

College Whole Time Teacher

Department of Computer Science

Other Notable Activities

- Organized Popular Talk on "Career Avenues for Computer Science Graduates" on September 18, 2018.

- Organized a University Visit to the University of Calcutta for the students of Computer Science, The Bhawanipur Education Society College in December 2018.

- Organized a Three-Day Workshop on "Python Programming with Introduction to Machine Learning" from 25th to 27th February 2019.

- Organized a three-day Educational Trip to Jaldhaka Hydel Project for the students of The Department of Computer Science, The Bhawanipur Education Society College, from 22nd September to 25th September 2019.

- Organized an CodeFiesta: A One-Day-Inter College Code Competition in the Bhawanipur Education Society College on 18th February, 2020.

- Organized An online talk on Simplifying Artificial Intelligence, Machine Learning and Data Science on 13th June 2020.

- Organized A Two-Day Student Webinar On the cutting edge technologies in Computer Science on 26th and 27th August 2020.

- Organized Apti-Fest: An Online Inter-College Aptitude Competition on 12th of October, 2020.

- Organized A Web-Talk on "Deep Learning and Computational Intelligence" on 19th October 2020.

- Organized A Two-Day WebTalk on Introduction to Cloud Coding with AWS and CloudSim on 5th and 6th July, 2021.

Akash Mehta

College Whole Time Teacher

Department of Computer Science

Vision Statement

- Encourage students to develop free thinking, self-confidence, creativity in all their endeavors.

- Motivate students to keep themselves updated with the requirements of the modern world.

- Motivate students to develop themselves on a personal level.

- 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

Date: 01st September, 2022

**THE BHAWANIPUR
EDUCATION SOCIETY COLLEGE**