

RESUME

Dr. Susovan Jana

Email id: jana.susovan2@gmail.com

Phone: +919748052998

Website: <https://susovanjana.github.io/>

ORCID: <https://orcid.org/0000-0002-1466-5308>

Research Gate: https://www.researchgate.net/profile/Susovan_Jana4

Google Scholar: <https://scholar.google.com/citations?user=dk2zK8IAAAJ&hl=en&oi=ao>



1. PERSONAL DETAILS

Father's Name	Rudrajit Jana	Permanent & Mailing Address
Date of Birth	14 th November, 1990	Vill- Khempur, P.O.- Dihibhursut, Dist- Howrah, State-West Bengal, Pin- 712408
Sex	Male	
Nationality	Indian	

2. EDUCATIONAL QUALIFICATION

Degree	Branch of Study	University/College/Board/School	CGPA/DGPA/ Percentage	Division /Class	Year of Passing
Ph.D	Engineering	Jadavpur University	-	-	2022
Post- Graduation (M.Tech)	I.T (Courseware Engineering)	Jadavpur University	8.61	1	2014
Graduation (B. Tech)	Information Technology	Maulana Abul Kalam Azad University of Technology, West Bengal (formerly known as West Bengal University of Technology) (Govt. College of Engineering & Textile Technology, Serampore)	8.58	1	2012
Higher Secondary (10+2)	Science	West Bengal Council of Higher Secondary Education (Ashanda Adarsha Siksha Sadan)	81.20	1	2008
Madhyamik (10)	General	West Bengal Board of Secondary Education (Ashanda Adarsha Siksha Sadan)	87.12	1	2006

3. WORK EXPERIENCE

Institute/Organization	Designation	From	To	Total Period	Nature of Experience
Institute of Engineering & Management, Kolkata	Associate Professor	1 Mar 2024	-	1 Year 1 months	Teaching & Research
Institute of Engineering & Management, Kolkata	Assistant Professor	05 April 2021	29 Feb 2024	2 years 11 months	Teaching & Research
Jadavpur University	Research Fellow	15 Feb 2016	31 Mar 2021	5 years 1 months	Research & Teaching
IBM India Pvt. Ltd.	Application Developer	4 Aug 2014	12 Feb 2016	1 year 6 months	Software Development & Testing

4. TEACHING INTERESTS (Subjects)

Database Management System, Data Structure & Algorithm, Design & Analysis of Algorithm, Object Oriented Programming (Java), Software Engineering, Computer Graphics, Image Processing & Pattern Recognition, Multimedia Technology, Operating System, Web Technology, C Language, MATLAB, Python

5. RESEARCH INTERESTS

Machine Learning, Computer Vision, Image Processing, Medical Imaging, Pattern Recognition, Multimedia Information Processing

6. PUBLICATIONS †

	Published	Under review
a. Articles in Journals	5	3
b. Book Chapters	4	0
c. Articles in Conference Proceedings	30	2

7. CONFERENCE/SEMINAR/FDP/WORKSHOP †

	Organized	Presented	Participated
Conference/Seminar/FDP/Workshop	11	16	31

8. PAPER REVIEWED

	Completed	Under review
a. Articles for Journals	30+	-
b. Book Chapters	-	-
c. Conference Proceedings	20+	-

9. AWARDS & ACHIEVEMENTS †**LIST OF ENCLOSURES**

- I. Journal, Book Chapter, and Conference Publications
- II. Conference, Seminar, FDP and Workshop Organized, Presented and Participated
- III. Awards & Achievements

I hereby declare that the entries in this form are true to the best of my knowledge and belief.

Date: 18/02/2025

Place: Salt Lake, Kolkata

Susovan Jana

.....
(Signature of the applicant)

Annexure – I: Journal, Book Chapter, and Conference Publications

Articles in Journals (5)

- [1] D. Tamili, **S. Jana**, P. Bhattacharjee, "Chromatographic method development for simultaneous determination of serotonin, melatonin, and L-tryptophan: Mass transfer modeling, chromatographic separation factors, and method prediction by artificial neural network," *Journal of Chemometrics*, 2023;e3520. <https://doi.org/10.1002/cem.3520>
- [2] **S. Jana**, B. Sarkar, R. Parekh, and S. Nath, "AN INTEGRATED FRAMEWORK FOR QUALITY EVALUATION OF FRUITS AND VEGETABLE STORE LOCATED IN THE SUPERMARKET UNDER UTOPIAN ENVIRONMENT," *International Journal of Industrial Engineering: Theory, Application and Practice*, vol. 30, no. 1, 2023. <https://doi.org/10.23055/ijietap.2023.30.1.7011>
- [3] **S. Jana**, B. Sarkar, and R. Parekh, "An Integrated Framework for the Performance Evaluation of Fruits and Vegetable Store Located in a Supermarket," *Trends in Sciences*, vol. 19, no. 3, pp. 2073, 2022. <https://doi.org/10.48048/tis.2022.2073>
- [4] **S. Jana**, R. Parekh, and B. Sarkar, "A De novo approach for automatic volume and mass estimation of fruits and vegetables," *Optik*, vol. 200, p. 163443, Jan. 2020. <https://doi.org/10.1016/j.jileo.2019.163443>
- [5] **S. Jana** and R. Parekh, "Intra-class Recognition of Fruits using Color and Texture Features with Neural Classifiers," *International Journal of Computer Applications*, vol. 148, no. 11, pp. 1–6, Aug. 2016. <https://doi.org/10.5120/ijca2016911283>

Book Chapters (4)

- [1] A. Maity, S. Chakraborty, **S. Jana**, "Human Disease Diagnosis and Deformity Detection Using Radiographic Image Analysis and Machine Learning," *Advances in Healthcare using Machine Learning*.
- [2] **S. Jana**, R. Parekh, and B. Sarkar, "Detection of Rotten Fruits and Vegetables using Deep Learning," *Computer Vision and Machine Learning in Agriculture, Algorithms for Intelligent Systems*, Springer, Singapore, pp. 31-49, 2021. https://doi.org/10.1007/978-981-33-6424-0_3
- [3] **S. Jana**, R. Parekh, and B. Sarkar, "A semi-supervised approach for automatic detection and segmentation of optic disc from retinal fundus image," *Handbook of Computational Intelligence in Biomedical Engineering and Healthcare*, Academic Press, pp. 65-91, 2021. <https://doi.org/10.1016/B978-0-12-822260-7.00012-1>
- [4] **S. Jana**, R. Parekh, and B. Sarkar, "Automatic Classification of Fruits and Vegetables: A Texture-Based Approach," *Algorithms in Machine Learning Paradigms, Studies in Computational Intelligence*, Springer, Singapore, vol 870, pp. 71–89, 2020. https://doi.org/10.1007/978-981-15-1041-0_5

Articles in Conferences Proceedings (30)

- [1] S. Kundu, S. Adhikary, N. Roy, S. Chakraborty, and **S. Jana**, "DLP14k: A Benchmark Dataset for Green Fruit Detection in Natural Camouflaging Environments", 2025 IEEE International Conference on Systems, Man, and Cybernetics (SMC). **(Rank B)** (Accepted)
- [2] D. Chatterjee, and **S. Jana**, "Resume Analyzer: An AI-Powered Approach to Job Matching and ATS Optimization", *Artificial Intelligence and Sustainable Computing (AISC 2025)*, July 24-July26, 2025. (Accepted)
- [3] S. Adhikary, N. Roy, and **S. Jana**, "Enhancing CCTV-Based Traffic Violation Detection Using AI for Automated Enforcement", *International Conference on Computing, Intelligence, and Application (CIACON)*, IEEE, 2025. (Accepted)

- [4] S. P. Dutta, **S. Jana**, and P. K. Sinha, "IoT-Based Water Quality Monitoring with Floating Smart Device: A Paradigm Shift in Water Standard Surveillance", 2024 2nd International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES), Dec, 2024. <https://doi.org/10.1109/SCOPES64467.2024.10991016>
- [5] S. Datta, S. Banerjee, and **S. Jana**, "Disease Classification of Star Fruit (*Averrhoa carambola* L.) using Deep Learning", 2nd International Conference on Recent Advances in Artificial Intelligence & Smart Applications (RAAISA) 2024, Dec 14-15, 2024 (Accepted & Presented).
- [6] N. Roy, S. Chakraborty, and **S. Jana**, "Smart Lock for Enhancing Luggage Security Using Internet of Things", IEEE International Conference on Communication, Computing and Signal Processing IICCCS, 19-20 September 2024. <https://doi.org/10.1109/IICCCS61609.2024.10763867>
- [7] M. Paul, J. Mukherjee, S. Chakraborty, and **S. Jana**, "A Comparative Study on Face Mask Detection using Machine Learning and Deep Learning Approaches," 2nd International Conference on Data Analytics and Insights, pp 445–454, Springer, 2024. https://doi.org/10.1007/978-981-96-3287-9_35
- [8] D. Guchait, A. Kundu, and **S. Jana**, "A Novel Framework for Women's Safety Using Computer Vision & Machine Learning," 2nd International Conference on Data Analytics and Insights, Springer, 2024. https://doi.org/10.1007/978-981-96-3287-9_13
- [9] S. Chakraborty, **S. Jana**, and P. Baral, "A Data-Driven Approach for the Prediction of Team Potential and Result During Cricket Match," 2nd World Conference on Communication & Computing, pp. 1-5, IEEE, 2024. <https://doi.org/10.1109/WCONF61366.2024.10691967>
- [10] A. Maity, S. Chakraborty, and **S. Jana**, "Automated Classification of Skin Cancer using Feature Fusion and Machine Learning," International conference on Artificial Intelligence and Sustainable Computing, AISC 2024 (Accepted & Presented).
- [11] S. Chakraborty, N. Roy, and **S. Jana**, "A De Novo Framework for Smart Waste Management using Internet of Things," International conference on Artificial Intelligence and Sustainable Computing, AISC 2024 (Accepted & Presented).
- [12] S. Chakraborty, and **S. Jana**, "An Integrated Framework for Smart Monitoring of Orange Orchard," 7th International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech) - IEMENTech2023, IEEE, Dec, 2023. <https://doi.org/10.1109/IEMENTech60402.2023.10423538>
- [13] S. Banerjee, S. Datta, D. Ghosh, and **S. Jana**, "A Secure Text Steganography using Randomized Mathematical Functions and LSB," 7th International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech) - IEMENTech2023, IEEE, Dec, 2023. <https://doi.org/10.1109/IEMENTech60402.2023.10423560>
- [14] S. Chakraborty and **S. Jana**, "Early Prediction of Cataract using Convolutional Neural Network," 2023 IEEE Devices for Integrated Circuit (DevIC), Kalyani, India, 2023, pp. 446-450. <https://doi.org/10.1109/DevIC57758.2023.10135056>
- [15] A. Paria, and **S. Jana**, "Prediction of Crops Production Using Random Forest Regression," International Conference on Computational Intelligence, Data Science and Cloud Computing, pp. 97-106, Springer, Dec. 2021. https://doi.org/10.1007/978-981-19-1657-1_8
- [16] **S. Jana**, "A Comparative Study on Reassembly of Image Fragments," International Conference on Computational Intelligence, Data Science and Cloud Computing, pp. 235-242, Springer, Dec. 2021. https://doi.org/10.1007/978-981-19-1657-1_19
- [17] **S. Jana**, B. Sarkar, and R. Parekh, "A Holistic Framework for Quality Evaluation of Fruits and Vegetables Suppliers," International Conference on Computational Intelligence, Data Science and Cloud Computing, pp 155-168, Springer, Sept. 2020. https://doi.org/10.1007/978-981-33-4968-1_13
- [18] **S. Jana**, R. Parekh, and B. Sarkar, "Automated Sorting of Rotten or Defective Fruits and Vegetables using Convolutional Neural Network," International Conference on Computational Intelligence, Data Science and Cloud Computing, pp. 43-55, Springer, Sept. 2020. https://doi.org/10.1007/978-981-33-4968-1_4
- [19] S. Dutta, S. Mukherjee, **S. Jana**, M. Nag and S. Majumdar, "Dataset Annotation on Chronic Disease Comorbidities Study in Type 2 Diabetes Mellitus," International Conference on Machine Intelligence

and Data Science Applications (MIDAS), pp. 713-725, Springer, 2020. https://doi.org/10.1007/978-981-33-4087-9_57

- [20] U. R. Chowdhury, **S. Jana**, and R. Parekh, "Automated System for Indian Banknote Recognition using Image Processing and Deep Learning," 2020 International Conference on Computer Science, Engineering and Applications (ICCSEA), pp. 1-5, IEEE, Mar. 2020. <https://doi.org/10.1109/iccsea49143.2020.9132850>
- [21] **S. Jana**, R. Parekh, and B. Sarkar, "Volume estimation of non-axisymmetric fruits and vegetables using image analysis," 2019 International Conference on Computing, Power and Communication Technologies, pp. 628-633, IEEE, Sept. 2019. <https://ieeexplore.ieee.org/document/8940598>
- [22] **S. Jana**, R. Parekh, and B. Sarkar, "An Approach Towards Classification of Fruits and Vegetables Using Fractal Analysis," Computational Intelligence, Communications, and Business Analytics, Springer, pp. 167-180, 2019. https://doi.org/10.1007/978-981-13-8581-0_14
- [23] C. Ganguly, **S. Jana**, and R. Parekh, "Geometrical Transformation Invariant Approach for Classification of Signatures Using k-NN Classifier," Computational Intelligence, Communications, and Business Analytics, Springer, pp. 106-120, 2019. https://doi.org/10.1007/978-981-13-8578-0_9
- [24] S. Pal, **S. Jana**, and R. Parekh, "Super-Resolution of Textual Images using Autoencoders for Text Identification," 2018 Applied Signal Processing Conference (ASPCON), pp. 153-157, IEEE, Dec. 2018. <https://doi.org/10.1109/aspccon.2018.8748679>
- [25] M. Tewari, **S. Jana**, and R. Parekh, "An Automated System for Image Reconstruction from Distorted Image Fragments," 2017 International Conference on Computer, Electrical & Communication Engineering (ICCECE), pp. 1-6, IEEE, Dec. 2017. <https://doi.org/10.1109/iccece.2017.8526211>
- [26] K. Hossain, **S. Jana**, S. Mukherjee, and R. Parekh, "Secured transmission of sensitive images of skin diseases using steganography and cryptography," 2017 Calcutta Conference (CALCON), pp. 95-99, IEEE, Dec. 2017. <https://doi.org/10.1109/calcon.2017.8280703>
- [27] K. Hossain, **S. Jana**, S. Mukherjee, and R. Parekh, "A novel approach to secure biomedical images and videos for transmission," 2017 Third International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN), pp. 120-125, IEEE, Nov. 2017. <https://doi.org/10.1109/icrcicn.2017.8234492>
- [28] **S. Jana** and R. Parekh, "Shape-based Fruit Recognition and Classification," Computational Intelligence, Communications, and Business Analytics, Springer, pp. 184-196, 2017. https://doi.org/10.1007/978-981-10-6430-2_15
- [29] **S. Jana**, S. Basak, and R. Parekh, "Automatic fruit recognition from natural images using color and texture features," 2017 Devices for Integrated Circuit (DevIC), pp. 620-624, IEEE, Mar. 2017. <https://doi.org/10.1109/devic.2017.8074025>
- [30] **S. Jana** and M. Chattopadhyay, "An event-driven university campus navigation system on android platform," 2015 Applications and Innovations in Mobile Computing (AIMoC), p. 182-187, IEEE, Feb. 2015. <https://doi.org/10.1109/aimoc.2015.7083850>

Annexure – II: Conference, Seminar, FDP and Workshop

Conference/Seminar/FDP/Workshop (Organized)

- [1] 5-Day Faculty Development Program on "Leadership in Curriculum Design: Aligning CS Education with Industry Needs" by Department of Information Technology in association with IEM-HRDC, IEM-IQAC, IEM-IETE Students' Forum from 23 June to 27 June 2024.
- [2] Third International Conference on Computational Intelligence, Data Science and Cloud Computing – IEM-ICDC, April 11-12, 2025.
- [3] Distinguished Lecture by Dr. Sriparna Saha on "Innovative Pedagogy in Human-Computer Interaction: Exploring using Deep Learning" at Seminar Hall 3, IEM Gurukul Campus, Kolkata on 28 February 2025.
- [4] 1 Day Workshop by Mr. Mausam Kanjilal on "Top Trends Shaping IT Industry" at Seminar Hall 3, IEM Gurukul Campus, Kolkata on 26 February 2025.
- [5] 5-Day Faculty Development Program on "Exploring IoT & AI Frontier in Teaching and Research" by Department of CSE (IoT) in association with IEM-HRDC, IEM-IQAC, IEM-IETE Students' Forum from 2 September to 6 September 2024.
- [6] Distinguished Lecture by Dr. Chinmoy Ghorai on "IOT- Connecting the World in a Smarter Way" at Seminar Hall 3, IEM Gurukul Campus, Kolkata on 10 August 2023.
- [7] 4 day workshop on "Remastering Python" at IEM (Gurukul Campus), Kolkata from 14 February 2022 to 17 February 2022.
- [8] 5 day workshop on "Remastering C Language" at IEM (Gurukul Campus), Kolkata from 17 October 2022 to 21 October 2022.
- [9] "Feel The Drop" Coding Competition in colaboration with Newton School Coding Club on September 11, 2022 (Online).
- [10] IEM-IETE Inaugural Ceremony & Distinguished Lecture on "Invisible communication based authentication" by Prof. Dr. J. K. Mandal at IETE Kolkata Centre on 10 August 2022.
- [11] Second International Conference on Computational Intelligence, Data Science and Cloud Computing – IEM-ICDC, December 22-23, 2021. (Online)

Conference/Seminar/FDP/Workshop (Delivered Talk / Paper Presented)

- [1] Delivered talk as a Resourse Person in the workshop on "NetSafe Ninjas: A Cyber Security Workshop for Young Minds" at Rotary Club of Calcutta, July 30, 2025.
- [2] Delivered Keynote on "Future of Industry 4.0: Converging AI, Machine Learning, and IoT" in 17th International Conference on Industrial Engineering and Management (ICIEM 2025), April 29, 2025.
- [3] Presented Paper in 2nd International Conference on Recent Advances in Artificial Intelligence & Smart Applications (RAAISA), Dec 14-15, 2024.
- [4] Delivered a lecture on "Concepts and Components of IoT" in One Day Hands-on Workshop on AI & IoT at Rotary Club of Calcutta, Dec 13, 2024.
- [5] Presented Paper in 2nd World Conference on Communication & Computing (WCONF), 2024, July 12-14, 2024. (Online)
- [6] Delivered lecture and conducted hands on session in 3 Day Workshop on "Emerging Trends in Image Processing using MATLAB" organized by School of Education Technology, Jadavpur University held in December 19-21, 2022.
- [7] Delivered talk on "Image Processing using MATLAB" in the FDP on "Understanding MATLAB" organized by IEM HRDC held in August 11-12, 2022.
- [8] Presented Paper in International Conference on Computational Intelligence, Data Science and Cloud Computing – IEM-ICDC, December 22-23, 2021. (Online)
- [9] Presented Paper in International Conference on Computational Intelligence, Data Science and Cloud Computing – IEM-ICDC, September 25-27, 2020. (Online)
- [10] Presented Paper in International Conference on Computational Intelligence, Data Science and

Cloud Computing – IEM-ICDC, September 25-27, 2020. (Online)

- [11] Presented Paper in International Conference on Computer Science, Engineering, and Application - ICCSEA-2020, GIET University, Gunupur, India, March 13-14, 2020. (Online)
- [12] Presented Paper in International Conference on Computing, Power and Communication Technologies - GUCON 2019, Radisson Blu Hotel & Galgotias University, Greater Noida, NCR New Delhi, India, Sept. 27-28, 2019.
- [13] Presented Paper in International Conference on Computational Intelligence, Communications, and Business Analytics - CICBA 2018, Kalyani Government Engineering College, Kalyani, India, July 27-28, 2018.
- [14] Invited Lecture for the Induction Program of UG Engineering 1st year at Jadavpur University in 2018.
- [15] Presented Paper in International Conference on Computer, Electrical & Communication Engineering - ICCECE 2017, Techno India University, Kolkata, India, Dec. 22-23, 2017.
- [16] Presented Paper in International Conference on Computational Intelligence, Communications, and Business Analytics - CICBA 2017, Calcutta Business School, Kolkata, India, March 24-25, 2017.
- [17] Presented Paper in International Conference on Applications and Innovations in Mobile Computing - AIMoC 2015, Jadavpur University, Kolkata, India, Feb. 12-14, 2015.

Conference/Seminar/FDP/Workshop (Participated)

- [1] AICTE-sponsored 8-day UHV-II Residential Faculty Development Programme (FDP) held at Biju Patnaik University of Technology (BPUT), Rourkela, from July 3 to July 10, 2025.
- [2] 5 Day Hands on Training Program on "AI & ML" conducted by TalentNext, Wipro from April 21-April 25, 2025.
- [3] 5 Day Microsoft, SAP & AICTE led FDP on "Applied AI: Practical Implementations" under TechSaksham from Feb 3 to February 7, 2025.
- [4] 5 Day ATAL-FDP on "Emergence of Cloud Computing, Cloud Technologies and Recent Trends", Techno International New Town, Kolkata, India, Jan 13-18, 2025.
- [5] 5 Day FDP on "Real-World Data Analytics: From Raw Data to Strategic Insights" Department of CSE(IOTCSBT), IEM Kolkata in association with HRDC, IEM-UEM Group from Dec 2, 2024 to Dec 6, 2024.
- [6] Participated in Training Program on "Java Full Stack" conducted by TalentNext, Wipro from June 24-July12, 2024.
- [7] 5 Day FDP on "Bytes to Bits: Navigating Cyber Security and Cryptography" Department of Information Technology, Department of CSE(IOT) and Department of CSE(IOTCSBT), IEM Kolkata in association with HRDC, IEM-UEM Group and Cyber Security Center of Excellence, Govt, of WB from June 24, 2024 to June 28, 2024.
- [8] 5 Day FDP on "Connectivity Conclave: Unveiling the Internet of Things and WSN" Department of Information Technology, Department of CSE(IOT) and Department of CSE(IOTCSBT), IEM Kolkata in association with IEM-UEM IQAC from March 18, 2024 to March 22, 2024.
- [9] 5 Day FDP on "Artificial Intelligence, Machine Learning, and Deep Learning", Department of Computer Applications, Haldia Institute of Technology, West Bengal, India from February 19 to February 23, 2024.
- [10] 5 Day Microsoft, SAP & AICTE led FDP on "APPLIED CLOUD COMPUTING FOR FULL STACK WEB DEVELOPMENT" under TechSaksham from February 5 to February 9, 2024.
- [11] 5 Day Microsoft, SAP & AICTE led FDP on "AI Evolution: From Foundations to Generative AI" under TechSaksham from January 29 to February 2, 2024.

- [12] 5 Day FDP on "Applications of Blockchain Technology", Department of Computer Science & Engineering in association with IQAC, Institute of Engineering & Management, Kolkata, India, January 29-February 2, 2024.
- [13] 5 Day FDP on "Recent Trends in Artificial Intelligence and Machine Learning", Department of Electronics and Communication Engineering, University of Engineering & Management, Kolkata, India, January 15-19, 2024.
- [14] 5 Day FDP on "Frontier Applications of Discriminative and Generative AI in Healthcare, IoT, and Data Engineering", IEM Centre of Excellence for Data Science & Dept. of CSE(AIML), CSBS, Institute of Engineering & Management, Kolkata, India, January 6 - 10, 2024 (Online)
- [15] 5 Day FDP on "The Future of Generative AI in Academic Research and Publishing", Department of Computer Application & Science, Institute of Engineering & Management, Kolkata, India, January 2 - 6, 2024 (Online).
- [16] 5 Day FDP on "Recent Trends in Computational Approaches", Department of Information Technology, Narula Institute of Technology, Kolkata, India, January 2 - 6, 2024 (Online).
- [17] 5 Day FDP on "Journey into Computing's Future: Technology, Research & Innovation", Department of Computer Application & Science, IEM Kolkata in association with HRDC, IEM-UEM Group, December 18-22, 2023 (Online).
- [18] 5 Day FDP on "Exploring Data Horizons: Application on Data Science", Department of Information Technology, Institute of Engineering & Management, Kolkata, India, December 18-22, 2023 (Online).
- [19] 5 Day FDP on "Cyber Intelligence & Awareness on Social Media Security V2.0", Department of Computer Application & Science, Institute of Engineering & Management, Kolkata, India, November 27-December 01, 2023 (Online).
- [20] 29th Sir J.C. Bose Memorial Lecture on "Journey of Wireless Communication and Networks to its present era" at IETE Kolkata Centre on 30th November 2023.
- [21] One day Seminar on "Relevance of NEP and how it can be incorporated in engineering & management education" Institute of Engineering & Management, Kolkata, India, September 3, 2022.
- [22] NAAC sponsored Webinar on "Innovative Teaching – Learning Practices pertaining to Sustainable Academic Growth in Higher Education Institutes", Institute of Engineering & Management, Kolkata, India, September 1-2, 2021.
- [23] 5 Day ATAL-FDP on "IoT & Cyber Security", Department of Information Technology, Institute of Engineering & Management, Kolkata, India, June 21-25, 2021.
- [24] Webinar on "Scientific Writing for Journals", Springer Nature in Collaboration with Jadavpur University, Kolkata, India, July. 30, 2020.
- [25] Workshop on "Writing Quality Research Articles for Publications", Jadavpur University, Kolkata, India, Jan. 13-14, 2020.
- [26] One-week Short Term Course on "A pragmatic approach towards Machine Learning", Jadavpur University, Kolkata, India, Jan. 3-9, 2020.
- [27] 2-day workshop on SAS Programming and SAS Predictive Modeling, Institute of Business Management, Kolkata, India, Nov. 16-17, 2018.
- [28] International Seminar on Computational Intelligence, Jadavpur University, Kolkata, India, Dec. 16, 2017.
- [29] Workshop on Fire Safety Protection & Uses of Fire Extinguishers, Jadavpur University, Kolkata, India, March 31, 2017.
- [30] Third Student Conference on The Future University: Access, Quality, Relevance, Jadavpur University, Kolkata, India, July 14 - 15, 2016.
- [31] Second Academic Conference on Breaking Boundaries: Interdisciplinary, E-learning, and Universities without Walls, Jadavpur University, Kolkata, India, Jan. 7 - 8, 2016.

Annexure – III: Awards, Achievements and Outreach

Awards & Achievements

- [1] Acting as Assistant HoD of Computer Science & Engineering (IoT) from 1st September 2022 to till date.
- [2] “Deep Skill Adder” for demonstrating the practice: Share Expertise at IBM India Pvt. Ltd. in 2015.
- [3] “The Best of IBM Honour” for contribution towards the Policy Center Project at IBM India Pvt. Ltd. in 2015.
- [4] “Manager’s Choice Award” for demonstrating the practice: Show Personal Interest at IBM India Pvt. Ltd. in 2015.
- [5] “Manager’s Choice Award” for demonstrating the practice: Put the Client First at IBM India Pvt. Ltd. in 2015.
- [6] Ranked 2nd in M.Tech from IT (CWE) Department at Jadavpur University in 2014.
- [7] Ranked 2nd in B.Tech from Information Technology Department at GCETTS in 2012.
- [8] Qualified GATE (Computer Science) in 2012.
- [9] MCM Scholarship from Govt. of West Bengal in consecutive 4 years of B. Tech from 2008 to 2012.
- [10] Full/Half Free Studentship in consecutive 4 years of B. Tech for ranking in department from 2008 to 2012.

Outreach

- [1] Invited as Guest Faculty & Course Coordinator for Multimedia Project Development (A subject of full time M.Tech Course in Science & Communication) at National Council of Science Museums (NCSM), 2024.
- [2] Invited as Guest Faculty & Course Coordinator for Digital Technology & Multimedia Tools (A subject of full time M.Tech Course in Science & Communication) at National Council of Science Museums (NCSM), 2024.
- [3] Invited as an external moderator for even semester examination, 2023-2024 at Brainware University.
- [4] Invited as an external examiner for M.Tech thesis evaluation at School of Education Technology, Jadavpur University on 28th June 2023.
- [5] Delivered lecture and conducted hands on session in 3 Day Workshop on “Emerging Trends in Image Processing using MATLAB” organized by School of Education Technology, Jadavpur University held in December 19-21, 2022.
- [6] Established IETE Students’ Forum at IEM, Kolkata, 2022 and acting as a Faculty Coordinator of this student chapter.
- [7] Invited for Answer Script Evaluation at Jadavpur University from 2021 to 2025.
- [8] Invited as Question Paper Setter at Jadavpur University from 2021 to 2025.
- [9] Invited as Guest Faculty at Jadavpur University from 2021 to 2025.
- [10] Invited as Guest Faculty at National Institute of Electronics & Information Technology, Kolkata in 2016 to 2017.