

Name of Teaching Staff Designation Department Date of Joining the Institution Email ID Office Contact	: Mrs. Abira Banik : Assistant Professor : AIML : 15-Nov 2021 : abirab@sjcem.edu.in : 9436474140	
Qualifications With Class/Grade	B.E. (Computer Science and Engineering), M.Tech (Computer Science)	
Total Experience in years	7 years	
Area of Specialization	Internet Programming, Analysis of Algorithm, Wireless Network, Computer Programming, Big Data Analytics.	
Google Scholar Link	: https://scholar.google.com/citations?user=Fd0HdUsAAAAJ&hl	
Vidhwaan Portal ID	https://vidwan.inflibnet.ac.in/profile/395854/Mzk1ODU0	
ORCID	0000-0001-8219-3026	
Papers Published in Journal:	: Cryptocurrency Price Prediction Using Machine Learning ISSN-2350-1146 10 (1)	
Papers Presented in Conferences	1. Machine Learning in Agriculture : A Neural Network Approach: 2023 4th International Conference for Emerging Technology (INCET) 2. Licensing System for Sea Fearers using Blockchain Technology: 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) 3. Crypto-Visionary Price Forecasting System: 2024 5th International Conference on Smart Electronics and Communication (ICOSEC) 4. Generative AI for Cultural Heritage Preservation Using AR and Data Science: 2025 International Conference on Machine Learning and Autonomous Systems (ICMLAS) 5. PsycheCounselAI: Comprehensive AI-Powered Platform for Personalized Mental Health Support and Intervention, ICDDA 2025 6. A Comprehensive Solution for Locating and Accessing Ayurveda, Yoga, and Naturopathy Hospitals, International Conference on Smart Trends for Information Technology and Computer Communications, Springer Nature Singapore, Scopus Indexed. 7. Personalized Travel Assistance Using RASA: A Conversational AI Chatbot for tailored Recommendations, SmartCom Pune 2026, Springer Nature, Scopus Indexed. 8. A Comprehensive AI- Engineered Platform for Customized Mental Health Support, SmartCom Pune 2026, Springer, Scopus Indexed. 9. Blockchain Enhanced Healthcare: Secure Patient Data Managemnet and Automated Claims Processing, SmartCom Pune 2026, Springer, Scopus Indexed	
Books Published/IPR/Patents	1. QoS Provisioning for Multicast Routing and Channel Assignment in Wireless Mesh Network: Encyclopedia of Information Science and Technology, Fifth Edition, IGI Global 2. Classification of channel allocation schemes in wireless mesh network: Algorithms, Methods, and Applications in Mobile Computing and Communications, IGI Global	

Professional Memberships with ID	1. ISTE Life Time Member: LM 139685 2. IAENG Life Time Member: 358951	
Grants Fetched	NA	
Technical/NPTEL certifications	1. ISO Certified Full Stack Developer: Dec 2019 2. "Artificial Intelligence And Data Science" course from IID institution under Entrepreneurship Development and Skilling Initiative, certificate no: CIDCS1666 3. NPTEL certification on “Cloud Computing and Distributed Systems” on Mar 2026 with Silver Elite	
Board of Studies member, BoE under any State/ Central University	1. BOS member of Artificial Intelligence and Machine Learning, St. John College of Engineering and Management, Palghar	
Institute/Department Responsibility handled:	1. Website Committee, Institute Coordinator [2021-till date] 2. Skill Development Committee [GATE, NPTEL, IIRS, Infosys Springboard, Eduskill], Institute Coordinator [2024-25] 3. Exam coordinator, AIML Department [2022-2025] 4. NBA Criteria 3 & 7 Departmental In charge [2022-till date] 5. Academic Monitoring Departmental In charge [2022-till date] 6. Institute Eduskill SPOC	
M.E./M.Tech/PhD Guide? Give field & University	:	<u>Field:</u> <u>University:</u>
Interaction with Professional Institutions	:	Guest Lectures: Other Achievements and Responsibilities: 1. Guest Lecture at Diploma students on “Introduction To A.I.” on 18th March 2024. 1. Reviewer at Journal of Engineering Research and Sciences in the research areas of “Artificial Intelligence, Computer Science. Cybernetics, Computer Science, information Systems, Computer Science” 2. Reviewer at 2nd International Conference on Data Driven AI (ICDDA-2025), organized by Kaziranga University, Assam. 3. Reviewer of two-days paper writing competition “Paper-a-Thon 1.0” at Vidyavardhini’s College of Engineering and Technology, Vasai on 25th & 26th July, 2024.
Subjects Taught	1. Web Computing, Internet Programming	

	2. Analysis of Algorithm 3. Software Engineering and Project Management 4. Data Science for Health and Social Care 5. Big Data Analytics
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