Name of Teaching Staff Designation Department Date of Joining the Institution Email ID Office Contact	: : : : : :	Dr. Mahesh Maurya Associate Professor Computer Engineering 13/01/2025 maheshm@sjcem.edu.in	Photo Passport Size 
Qualifications With Class/Grade		Ph.D. (Computer Engineering)	
Total Experience in years		25 Yrs	
Area of Specialization		Machine Learning, Artificial Intelligence, Deep Learning	
Google Scholar Link	:	https://scholar.google.co.in/citations?user=syJdZR8AAAAJ&hl=en	
Vidwan Portal ID		https://vidwan.inflibnet.ac.in/profile/325289	
ORCID		https://orcid.org/0000-0003-4759-6609	
Papers Published in Journal:	:	Total Published in Journal: 18 (Latest by five years listed here) 1. Mahesh Maurya, V. Sabareshan "Explainable Deep Neural Network (X-DNN) for Predicting Mental Health Outcomes from Multisource Medical and Psychological Data", TPM Vol. 32, No. S2, 2025, ISSN: 1972-6325, https://www.tpmap.org/. 2. Mahesh Maurya, Umamaheswarirao B. "Hybrid Deep Learning-Based Radiomics Analysis for Predicting Treatment Response in Pancreatic Cancer Using Multi-Parametric MRI", Journal of Environmental Protection and Ecology 26, No. 3, 1039–1049 (2025). 3. Mahesh Maurya, M. Vadivel "Enhanced Multi-Class Lung Nodule Classification Using Optimised Artificial Neural Network", ICTACT Journal on Image and Video Processing, Volume: 15, Issue: 04, May 2025. 4. Mahesh Maurya, G. Vidya, Ant Colony Optimization for Service Composition in Multi-cloud Environments, IEEE Xplore, 04 November 2024. 5. Mahesh Maurya, Ananda Rayuri, A Systematic Literature Review on Human Activity Recognition, Journal of Electrical Systems, J. Electrical Systems 20-6s (2024): 1175-1191, 2024. (2023-24) 6. Mahesh Maurya, S. Sateesh, Modified Wild Horse Herd Optimization based Bhattacharyya error constraint (BEC) based L2-norm Linear discriminant analysis (LDA) method for the sentiment analysis, Journal of Electrical Systems, J. Electrical Systems 20-6s (2024): 1162-1174, 2024. (2023-24)	

		7. Mahesh Maurya, N. Nandhini, Deep Learning Based Brain Tumor Analysis with Manual Layer Selection, IJISAE International Journal of Intelligent Systems and Applications in Engineering, Vol 12(7s), ISSN: 2147-6799, December 2023. (23-24) 8. Mahesh Maurya, T. Varun, Optimizing Vehicular Networks Management Using Convolution Neural Networks, ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY, VOLUME: 14, ISSUE: 02, June 2023. (2022-23) 9. Mahesh Maurya, L. Anand, L. Seetha, An Intelligent Approach to Segment the Liver Cancer Using Machine Learning Method, I*n Proceedings of 4th International Conference on Electronics and Sustainable Communication Systems, 2023*. (Published on IEEE Xplore) (23-24) 10. Khushboo Lathia, Mahesh Maurya "Text Generation using Neural Models" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019.
Papers Presented in Conferences		Total Published in Conferences: 17 (Latest by five Years listed here) 1) Basmatkar, P. and Maurya, M., 2022. An Overview of Contextual Topic Modeling Using Bidirectional Encoder Representations from Transformers. In *Proceedings of Third International Conference on Communication, Computing and Electronics Systems* (pp. 489-504). Springer, Singapore. 2) Mahesh Maurya "Comparative Study of Stock Value Prediction" 4th International Conference on Innovative Computing and Communication (ICICC-2021) will be published in SSRN (Elsevier) Journal organized by Shaheed Sukhdev College of Business Studies, University of Delhi on 20th – 21st February, 2021. 3) Mahesh Maurya, Prasanna, Ishita Kumar, "Analysis of a Seq-2-Seq Approach to an End-to-End Conversational Model", NIE Institute of Technology, Mysuru, Karnataka, India, in September 2018. 4) Dasoriya, R., Rajpopat, J., Jamar, R. and Maurya, M., 2018, January. The Uncertain future of artificial intelligence. In *2018 8th International conference on cloud computing, data science & engineering (confluence)* (pp. 458-461). IEEE. 5) Raheja, R., Shriwastav, S., Rastogi, P., Sethi, U., Maurya, M. and Samantaray, S., 2016, August. A research analysis of human mindset based on significant parameters. In *2016 International Conference on Computing Communication Control and automation (ICCUBEA)* (pp. 1-8). IEEE.

Books Published/IPR/Patents		**Books Published: (One)** 1. Title: "Cyber Security and Digital Forensic". Scientific International Publishing House. ISBN No. 978-93-6674-460-5 **Book Chapters: (Two)** 1. Towards Artificial General Intelligence: Chapter 1- Introduction to Artificial Intelligence. Dr. Mahesh Maurya, Vishal Gangadhar (23-24) 2. AI-Driven Strategies for Climate Resilience and Carbon Footprint Reduction. Dr. Mahesh Maurya, R. Gayathri. (24-25) **Patents: (Four)** 1. Title: Cancer Cell Detection Device , Dr. Mahesh Maurya, Dr. K. Thangaraj. Design No. 387009-001 2. Title: Robot Chatbot, Dr. Mahesh Maurya, Dr. K. Arthi, Design No. 391771-001 3. Title: Blood Sugar Testing Device, Dr. Mahesh Maurya, Dr. G. Venkatramana, Design No. 391773-001 4. Title: AI-Based Device for Electric Vehicle Energy Consumption Prediction, Dr. Mahesh Maurya, Mrs. Ruchi R.
Professional Memberships with ID		ISTE LM: 106109
Grants Fetched		NIL
Technical/NPTEL certifications		1. Successfully participated in and completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Impact and Outcome of Industry 4.0/5.0 at K.C. College of Engineering and Management Studies and Research from 02/12/2024 to 07/12/2024. 2. Successfully participated in and completed AICTE-Recognized Faculty Development Programme on Climate Resilient Pathways for Sustainable Development, conducted by Electrical Engineering Department, NIIITR, from 10/11/2025 to 14/11/2025 (One Week) at St. John College of Engineering and Management, Palghar, Maharashtra
Board of Studies member, BoE under any State/ Central University		BOS Member, St. John College of Engineering, Palghar

Institute/Department Responsibility handled:		• Deputy HoD of Department of Computer Engineering at SJCEM 25-26 • Overall Co-ordinator – NAAC Criteria VI at SJCEM 25-26 • Institute Level NBA Co-ordinator at SJCEM 25-26 • R&D Co-ordinator Department Level at SJCEM 25-26 • Overall Co-ordinator: NAAC Criteria 6 of Governance, Leadership and Management SJCEM 25-26 • FDP Organized: 01 IETE Approved FDP on Data Science. (23-24) • Received appreciation for Faculty Performance Appraisal System in 2022-23. • MoU: 01 with LiveWire CaDD Centre, Thane. 22-23 • Worked for NAAC Cycle II of the Computer Engineering Department in 2024-25. • Worked for NBA Cycle II of the Computer Engineering Department in 2023-24. • Appointed as University CAP coordinator 2023-24.	
M.E./M.Tech/PhD Guide? Give field & University	:	**Field**: **University**:	Computer Engineering, NMIMS University

PhDs/Projects Guided	:	**<u>PhDs</u>:** **<u>Projects at Masters Level</u>:**	**5+ Projects Guided at Masters Level**

Interaction with Professional Institutions	:	**Guest Lectures:** **Other Achievements and Responsibilities:**	1. Worked as Faculty Mentor for SIH 2025 (Bathinda, Punjab); the team won First Prize. (25-26) 2. Coordinated an Event under UHV at MIT College of Engineering, Mira Road (25-26) 3. Invitation to Judge Internal Smart India Hackathon (SIH) 2025 – Software/Hardware Edition. (25-26) 4. Topical Advisory Panel, Journal of JENRS – Artificial Intelligence and Information Systems. 5. Paper Reviewed at the 1st International Conference on Machine Intelligence and Data Science (MIDAS-2025), co-sponsored by Springer and organized by Centurion University, Odisha. (24-25) 6. Paper Reviewed at JENRS under AI and Interdisciplinary Applications (24-25)
Subjects Taught		Artificial Intelligence and Machine Learning, Big Data Analysis, Natural Language Processing, Deep Learning, Soft Computing, Distributed Computing	