Name of Teaching Staff	:	Prof. Aditi Raut
Designation	:	Assistant Professor
Department	:	Computer Science & Engineering (Data Science)
Date of Joining the Institution	:	01.01.2025
Email ID	:	aditi.raut@djsce.ac.in
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Google Scholar Link	:	https://scholar.google.com/citations?user=_LcNcBsAAAAJ&hl=en
ResearchGate Link:		https://www.researchgate.net/profile/Aditi-Raut-2?ev=prf_overview
ORCID		https://orcid.org/0009-0007-9372-8090
Qualifications with Class / Grade	:	1. M.E. (Computer Engineering), University of Mumbai, 2014 2. B.E. (Computer Engineering), North Maharashtra University, 2011
Total Experience in Years	:	**Teaching: 13 years** 1. Assistant Professor, Computer Science and Engineering (Data Science), Dwarkadas J. Sanghvi College of Engineering, Vile-Parle (W), Mumbai, India, January 2025 – till date. 2. Assistant Professor, Department of Computer Engineering, St. John College of Engineering and Management, Palghar, July 2015 – December 2024 3. Lecturer, Department of Computer Engineering, St. John College of Engineering and Management, Palghar, July 2013 – July 2015 4. Lecturer, Department of Computer Engineering, St. John College of Engineering and Management, Palghar, July 2011 – July 2012

Papers Published in Journal:	:	**National & International: 05** 1. A Chatbot-driven Approach for Prakriti Assessment in Ayurveda Using Deep Learning, International Journal of Research and Analytical Reviews (IJRAR) Volume 12, Issue 2, May 2025. 2. ML-based Solutions for Designing an End-to-End Video Describing, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 8, Special Issue 1, August 2021. 3. An Efficient English to Hindi Translator, International Journal of Scientific Research in Computer Science Applications and Management studies Volume 8, Issue 1, January 2019. 4. Handwritten Text Image Recognition Using Feature Extraction, in International Research of Science and Engineering, Volume 2, Issue 3, March 2016. 5. Web Logs Analysis for Finding Brand Status, IOSR Journal of Computer Engineering (IOSR-JCE) Volume 16, Issue 4, August 2014.
Papers Presented in Conferences		**National & International: 01** 1. Automatic Image and Video Colorization using Deep Learning, 2018 International Conference on Smart City and Emerging Technology (ICSCET)

Area of Specialization		**Data Analytics, Machine Learning and Network Security**	
PhD Guide? Give field & University	:	**Field**: **University**:	**-**
PhDs / Projects Guided	:	**PhDs:** **Projects at Masters level:**	**-**
Books Published / IPRs / Patents	:	Books (Editors for conference Proceedings on Springer)	"Automated Suspicious Activity Detection from Surveillance Videos" published as a book chapter in Springer Nature Singapore, 2023
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Professional Memberships	:		**ISTE**
Grants fetched	:	Minor Research Grant (University of Mumbai)	Received Minor Research Proposal grant of Rs. 25,000/- from University of Mumbai for the project title "Automatic Image and Video Colorization using Deep Learning" in the year 2018.

Interaction with Professional Institutions	:	**Other Achievements and Responsibilities:**	1. NAAC Criteria 6 Institute Level Coordinator, St. John College of Engineering and Management, Palghar (March 2018). 2. Organized Hands-on Workshop on, "Cloud Computing", organized by Department of Computer Engineering, St. John College of Engineering and Management, Palghar (March 2024) 3. Organized FDP on, "Virtual and Augmented Reality", organized by Department of Computer Engineering, St. John College of Engineering and Management, Palghar (July 2023) 4. Organized STTP on, "Machine learning and its applications" by Department of Computer Engineering, St. John College of Engineering and Management, Palghar (April 2022).
Subjects Taught		**UG Level:** Data Structures Analysis of Algorithm Big Data Analytics Computer Networks Theoretical Computer Science Quantitative Analysis Natural Language Processing Object Oriented Programming Java Programming Database Management System Microprocessor	
Projects Guided	:	**UG Level: - 21**	
Recommended Students for Higher Education		**Name of the Student**	**University/Industry**
Institute/Department Responsibility handled:		IPD Coordinator	
Pedagogy Development		1. E-learning on YouTube (https://www.youtube.com/@aditiraut3001)	