Name of Teaching Staff	Deepali Patil
Designation	Assistant Professor
Department	Artificial Intelligence and Data Science
Date of Joining the Institution	23rd November 2022
Email ID	deepali.patil@djsce.ac.in
Office Contact	
Google Scholar Link	https://scholar.google.co.in/citations?hl=en&user=wLoH4S0AAAAJ&view_op=list_works&sortby=title
ResearchGate link	https://www.researchgate.net/profile/Deepali-Patil-7
Orchid	https://orcid.org/0000-0002-9213-4377
Publons researcher ID	
Qualifications with Class / Grade	M. E (Computer Engineering), Percentage: 75.33% Thadomal Shahani Engineering College, Bandra. Aug 2013. B. E (Computer Engineering), Percentage: 71.41% Vidyavardhini's College Of Engineering and Technology, Vasai. June 2004
Total Experience in Years	17.5 years Shree L. R. Tiwari College Of Engineering (From 1st September 2010 to 21st November 2022) Vidyavardhini's College Of Engineering & Technology (From 5th August 2008 to 31st August 2010)
Papers Published in Journal:	1. Movies on OTT analysis using multiple regression and random forest in R, Deepali Patil and Aarti puthran, IJCRT June 2021 2. Cryptocurrency price analysis using machine learning and artificial intelligence, IJCRT June 2021 3. Image encryption with chaotic system and CML, IJCRT June 2021. 4. CNN Based Traffic Sign Detection and Recognition on Real Time Video, IJERT June 2020. 5. A Survey on: Hyper Spectral Image Segmentation and Classification using FODPSO JS Vinit, S Bojewar, D Patil International Journal on Recent and Innovation Trends in Computing.

	6. Effective Diagnosis of Breast Cancer using KNN Algorithm DA Patil, S Badarpura, A Jain, A Gupta i-Manager's Journal on Information Technology 8 (4), 42 2019
	7. Hospital Appointment Scheduling System Using Intelligent Agent Agent Based Appointment Scheduler D Patil, B Tiwari, H Solanki, A Pawar, A Shah
	8. Improved ARL Imputation to estimate missing values and prediction of future values R Thirumahal, MDA Patil, IJSER
	9. Imputation and Regression Techniques to Estimate Missing Values Using Big Data Analytics D Patil International Conference On Emanations in Modern Technology and Engineering
	10. Knn and arl based imputation to estimate missing values R Thirumahal, DA Patil Indonesian Journal of Electrical Engineering and Informatics (IJEEI) 2014
	11. Advanced Apriori Algorithms Ms. Seem Kolkur, Ms. Deepali Patil, MA Patil International Journal of Scientific & Engineering Research 4 (8)2013
	12. PC ASSEMBLY BASED ON USER BENCHMARK D Patil, A Chhajed, A Kanorwala, A Kondappan, N Anand
	13. Rainfall Prediction using Linear approach & Neural Networks and Crop Recommendation based on Decision Tree D Patil, S Badarpura, A Jain, UG Student, A Gupta IJERT 2020
	14. Recommendation System by Using Hadoop Framework and Mahout Interfaces Y Bhoir, D Patil ,IJRAR 2020
	15. Enhancing Paediatric Pneumonia Detection and Classification Using Customized CNNs and Transfer Learning Based Ensemble Models,2023
Papers Presented in Conferences	1. Cryptocurrency price analysis using machine learning and artificial intelliegence, (ICETTSE-2022) 2. Image Encryption Using Cml And Chaotic System (ICETTSE-2022) 3. CNN Based Traffic Sign Detection and Recognition on Real Time Video, VNC June 2020.
Area of Specializati on	Data mining, machine learning,Dep learning, Blockchain, Big data, Networking
PhD Guide ? Give field & University	Field: NIL University: NIL
PhDs / Projects Guided	NIL
Books Published / IPRs / Patents	Computer Networks-June 2022 Advanced Computer Networks-June 2021 Tech-Neo publications Computer Networks-January 2020
Professional Membershi ps	Life time membership of ISTE
Grants fetched	Minor Research Grant (University of Mumbai):NIL

Interaction with Professional Institutions	**Guest Lectures**: 1. MYSQL database connectivity with Python in VCET, March 2022 2. MYSQL connectivity with python in Mruchhala Polytechnic, March 2022 3. Huffman coding applications in SLRTCE Computer Engineering, April 2021 4. Virtual private networks and mobile IP in SLRTCE computer Engineering 5. NS2 Simulation in SLRTCE computer Engineering **Other Achievements:** 1. NPTEL DBMS Certification with silver medal
Subjects Taught	**UG Level:** DBMS, Wireless Technologies, R Programming, Analysis Of Algorithm, Computer Networks, JAVA, C++,Deep learning **PG Level:** Advanced Algorithm Analysis, Computational Lab-I and II, Advanced Computer Networks
Projects Guided	**PG level:** 1. Recommendation system 2. Hyper Spectral Image Segmentation and Classification **UG level:** 1. Smart Blind stick 2. IDS using Sensor networks 3. Street light automation 4. Effective Diagnosis of Breast Cancer 5. Traffic Sign Detection and Recognition on Real Time Video 6. Smart home automation 7. Movies on OTT analysis 8. Smart agriculture 9. Rainfall prediction and crop recommendation 10. Cryptocurrency price analysis
Recommended Students for Higher Education	1. Northeastern University 2. Rutgers University 3. Purdue University 4. Illinois University 5. University of Florida 6. Celmson University 7. University of North Carolina
Responsibilities Handled	1. NBA Program Coordinator 2. Technical convener in year 2022 3. ITSA student association faculty advisor 4. Project Coordinator 5. PAC committee

	5. IQAC member 6. Head of department (IT) from Year 2015-2020 7. Exam Coordinator 8. Time table Coordinator 9. Internal complain committee member 10. Class In charge 11. Mentor
Pedagogy development	Quiz generation using Kahoot and Mentimeter app, Puzzel cretation,Project based learning