

Name of Teaching Staff	: Prof. Pranit Bari	
Designation	: Assistant Professor	
Department	: Computer Engineering	
Date of Joining the Institution	: 5th January 2015	
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Researchgate Link:	https://www.researchgate.net/profile/Pranit-Bari	
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Publons Researcher ID:	ACF-0232-2022	
Qualifications with Class / Grade	: 1. M.Tech. (Computer Engineering), First Class with Distinction, VJTI, Mumbai University, 2013 2. B.E. (Computer Engineering.), First Class with Distinction, Mumbai University, 2011	
Total Experience in Years	: Teaching: 11.5 Years <ul style="list-style-type: none"> Assistant Professor in D.J.Sanghvi College of Engg from 5/1/2015 till date Assistant Professor in Sardar Patel Institute of Technology from 1/7/2014 to 3/1/2015 Industry: 6 Months Programmer Analyst Trainee in Cognizant Technology Solutions from 27/8/2013 to 28/2/2014	
Papers Published in Journal:	: 1. Software Testing and Strategies, in IJERA Journal. Vol. 2 Issue3 of May-June 2012 2. Load Balancing in Distributed Computing, Blue Ocean Research Journal, Vol. 2, Issue 4 of June-July 2013. 3. Web Usage Mining, Journal of Engineering, Computers & Applied Sciences, Volume 2, No.6 June 2013 4. Page Interest Estimation using Apriori Algorithm, International Journal of Advanced Research in Computer Engineering& Technology Volume 2, Issue 6, June 2013 5. Enhancing Stock Price Prediction: Improvising in KNN International Journal of Communication Networks and Information Security Volume 16 Issue 4 6. Quantum Ensemble Optimisation: Revolutionizing Investment Portfolio Management with QAOA and VQE Integration Educational Administration: Theory and Practice Volume 30 Issue 1	

	<ol style="list-style-type: none"> 7. Localized Modeling for Airline Price Prediction Using K-Means and Decision Tree Ensemble International Journal of Communication Networks and Information Security Volume 16 Issue 4 8. Enhancing Sensitivity Control for Improved Gesture Recognition Advances in Artificial Intelligence and Machine Learning: Select Proceedings of ICAAAIML 2023, Volume 1 9. LEDGE: Leveraging dependency graphs for enhanced context aware documentation generation Automated Software Engineering Volume 33 Issue 2
Papers Presented in Conferences	<ul style="list-style-type: none"> • Comparative analysis of stock price prediction using time series models in 2024 8th International Conference on Computing, Communication, Control and Automation (ICCUBEA) • Leveraging Transformer Models for Abstractive Summarization of Hindi Text in International Conference on Sustainable Computing and Intelligent Systems Springer Nature Singapore • KnowStress: A Mobile Application Prototype Detection of Stress in Proceedings of International Conference on Recent Innovations in Computing: ICRIC 2022, Volume 2 Volume 2 Pages 421 • Action Recognition on American Sign Language using Deep Learning in 2022 Sardar Patel International Conference on Industry 4.0-Nascent Technologies and Sustainability for 'Make in India' Initiative • Using CoordConv for Tabular Data Detection and Structure Recognition in 2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS) • Image-based food calorie estimation using incremental learning in 2022 International Conference on Machine Learning, Computer Systems and Security (MLCSS) • Ablation Analysis of Seq2Seq Models and Vanilla Transformers for Spanish to English Translation in ADCML 2022, NIT Warangal • Successive Image Generation from a Single Sentence, ITM Web of Conferences, ICACC-2021 • SpeakQL Natural Language to SQL, ITM Web of Conferences, ICACC-2021
Area of Specialization	Data Structures and Algorithms, Data Mining, Machine Learning, NLP, Big Data
Professional Memberships	:

Subjects Taught	<p><u>UG Level:</u></p> <ul style="list-style-type: none"> • Open Source Technologies • Object Oriented Programming • Computer Graphics • Data Structures • Data Structures and Algorithms • Network and Threats Lab • Network Programming Lab • Analysis of Algorithms • Python Programming • Structured and Object Oriented Analysis and Design • Natural Language Processing • Personal Finance Management • Economics and Financial Management • Big Data Infrastructure 	
Projects Guided	<p>: <u>UG Level:</u></p> <ul style="list-style-type: none"> • Automating the generation of ICD Codes from Medical Records • Waste segregation using Image Processing • SpeakQL Natural Language to SQL • Successive Image Generation from a Single Sentence • KnowStress: A Mobile Application Prototype Detection of Stress • Action Recognition on American Sign Language using Deep Learning • Using CoordConv for Tabular Data Detection and Structure Recognition • Action Recognition on American Sign Language using Deep Learning • Leveraging Transformer Models for Abstractive Summarization of Hindi Text • Comparative analysis of stock price prediction using time series models 	

<p>Recommended Students for Higher Education</p>	<p><u>Name of the Student</u></p> <p>Swapneel Mehta</p> <p>Avais Pagarkar</p> <p>Parth Jhunjhunwala</p> <p>Parth Doshi</p> <p>Ananya Malik</p> <p>Ayush Kothari</p> <p>Jiya Patel</p> <p>Apoorva Ambulgekar</p> <p>Tanay Dave</p> <p>Shubh Nisar</p>	<p><u>University/Industry</u></p> <p>PhD at NYU Center for Data Science</p> <p>Johns Hopkins University, Software Development Engineer, Amazon</p> <p>University of Southern California, SDE Intern at Research Loupe</p> <p>UC San Diego</p> <p>Georgia Tech</p> <p>University of Southern California, Software Engineer at VuNet Systems</p> <p>Indiana University's Kelley School of Business</p> <p>Columbia University's MS in Management Science & Engineering</p> <p>MSCS NYU</p> <p>North Carolina State University</p>
<p>Institute/Department Responsibility handled:</p>	<ul style="list-style-type: none"> • DJ Unicode Incharge • ACM Faculty Coordinator • Admission Committee Member • Class Incharge • Department Stationery Incharge • NAAC Software Team Member • NAAC Core Committee Member • Department Timetable Incharge • Department Placement Coordinator • Alumni Core Committee • DJS Codestars Faculty Coordinator • DJSCE IT Team Member • DJASCI Project Competition Member • DJICTA Creatives Team Member • TIE Global Hackathon Team member 	