

Name of Teaching Staff	: Prof. Abhilasha Ganesh Raghtate	
Designation	: Assistant Professor	
Department	: Electronics & Telecommunication Engineering	
Date of Joining the Institution	: 10.11.2023	
Email ID	: abhilasha.raghtate@djsce.ac.in	
Office Contact	: -	
Google Scholar Link	: https://scholar.google.co.in/citations?hl=en&user=zKD_uQI8AAAAAJ	
Researchgate Link:	https://www.researchgate.net/profile/Abhilasha-Raghtate-2	
ORCID	0009-0003-0536-046X	
Publons Researcher ID	JTU-4507-2023	
Vidwan Id	467055	
Qualifications with Class / Grade	1. Ph.D. Persuing Dwarkadas J Sanghvi College of Engineering 2. M. Tech. – Electronics Engineering from Yeshwantrao Chavan Engineering College(Autonomous Affiliated to Nagpur University) 2012, Distinction class with CGPA 8.93 (Gold Medal) Specialization In Image Processing 3. B.E. (Electronics & Comm. Engineering) from Bapurao Deshmukh Engineering College, Wardga, Nagpur University, in May 2002, 1 st class 71.84%.	
Total Experience in Years	Teaching: 19 years 1. Assistant Professor D.J. Sanghvi College of Engineering since 10.11.2023 till Date 2. Assistant Professor in Rajiv Gandhi College of Enggi. Versova Mumbai from 01.03.2022 to 09.11.2023. 3. Trainer (Python & Machine Learning) at Aerus Infotech, Thane from Feb 2018-Feb 2022. 4. Assistant Professor in GW CET Mumbai from July 2013 to July 2018 5. Assistant Professor in Priyadarshini Bhagwati College Of Enggi. Nagpur from January 2010 to April 2013. 6. Lecturer in Chhatrapati Shivaji College of Enggi, Durg from July 2007 to Jan 2010. 7. Lecturer In Bapurao Deshmukh College Of Enggi Wardha from 05.01.2005 to 30.05.2007	
Papers Published in Journal:	International: 10 [1] “ Machine Learning-based Approaches for Detecting and Mitigating Toxicity Comments. ” Ms. Siddhi Madan Vengurlekar, Ms. Siddhi Sandesh Pevekar, Mr. Devdatta Chandrashekhar Indulkar, Mr. Aakash Ramesh Upadhyay, Prof. Abhilasha Ganesh Raghtate ,Journal of Emerging Technologies and Innovative Research, Volume 10, Year 2023, Pages g721--g725 2. [2] “ Price Prediction of Different Financial Assets Using Machine Learning ” Abhilasha G. Raghtate, Ayalita Haldar, Jai Padya, Noin Sabu, Bhuvanesh Parab International Journal of All Research Education and Scientific Methods(IJARESM), Volume 11, Year 2023, Pages 243--247 [3] “ Stock Price Predictions Using Deep Learning Techniques ” Abhilasha	

	Raghate, Nachiket Tare, Sakshi Magare, Sharvari Holkar, Varadh Sidgiddi, International Research Journal of Modernization in Engineering Technology and Science Volume:05/Issue:04/April-2023 Pages 4872-4879 [4] “Moving object counting in video signals” Raghtate, Ganesh and Tiwari, “Abhilasha K International Journal of Engineering Research and General Science, Volume 2, Year 2014, Pages 2091- -730 4. [5] “Review on Optical Fiber with Wireless Infrared Communications.” Prof M. N. Zade, Prof M. D. Nikose, Prof D. P. Dongre, Prof A. K. Tiwari IJAIM International Journal of Artificial Intelligence and Mechatronics, Volume 1, Year 2013, Pages 121 -125 [6] “A Survey on Texture Classification” Raghtate, Ganesh S and Tiwari Abhilasha K International Journal of Emerging Trend in Engineering and Basic Sciences (IJEEBS) ISSN (Online) 2349-6967 Volume 4, Issue 3 (May-June 2017), PP.01-07 [7] “An Improved Method for Brain MR Image Enhancement Using Fuzzy Inference System” Raghtate, Ganesh S and Salankar, Suresh S and Tiwari Abhilasha K International Organization of Scientific Research, Volume 5, Issue 5, Pages 75-79 [8] “Center Weighted Median Filter for MRI Brain Image Enhancement” Raghtate, Ganesh S and Salankar, Suresh S and Tiwari Ms. Abhilasha K International Journal of Emerging Trends in Engineering and Basic Sciences Volume 2, Issue 3 Pages 55-59 [9] “Bitcoin Sentiment Analysis using Machine Learning Algorithms” Adit Vakil¹, Manavi Jain², Shweta Joshi³ International Journal of Scientific Research in Engineering and Management Volume 8, Issue 9 Pages 1-6 [10] “Towards Effective Speech Emotion Recognition in Hindi Using Machine Learning”, Dr. Irfan Landge*¹ Dr. Chaitali Mahajan² Dr. Sonali Vijay Shinkar³ Faiz Rangari⁴ Dr. Ganesh Shridhar Raghtate⁵ Mrs. Abhilasha Ganesh Raghtate⁶, IJDDT, Volume 16 Issue 17s, April 2026, Pages 743-752
Papers Presented in Conferences	1. “Object Detection and Tracking in Video Signals ” at International Conference on Electronics and Communication Engineering (ICECE) held at Pune on 16th April 2012. 2. “Moving Object Tracking By Background Estimation” in a National Seminar Organized by J. D. College of Engineering, Nagpur.
NPTEL	1. NPTEL -12 week course in Programming Data Structures and Algorithms using Python November 2024with Grade 87% ELITE 2. NPTEL -4 week course in Problem Solving Through Programming in C November 2024with Grade 87% ELITE 3. NPTEL -4 week course in Python for Data Science November 2024with Grade 87% ELITE + SILVER 4. NPTEL -8 week course in Developing Soft Skills and Personality November 2024 with Grade ELITE + SILVER 5. NPTEL -12 week in Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning in November 2024. November 2024.with grade ELITE + GOLD 6. NPTEL -12 week -"Machine Learning for Engineering and Science applications " ELITE + SILVER 7. NPTEL 12 week FDP course on “Research Methodology” with grade ELITE + SILVER (July – Sept 25)

	8. NPTEL Swayam NTA course on “Research and Publication Ethics” with 90% July to November 2025 (12week) 9. NPTEL FDP course on “Data Analytics with Python” Jan-April 2026 (12 weeks) ELITE + SILVER																							
Coursera	<table><tr><td>1. Machine Learning Basics</td><td>NA</td></tr><tr><td>2. Generative AI for Executives and Business Leaders</td><td>NA</td></tr><tr><td>3. AI for Everyone</td><td>91.87%</td></tr><tr><td>4. Creative Thinking: Techniques and Tools for Success</td><td>79.39%</td></tr><tr><td>5. Foundations of Cyber Security</td><td>87.98%</td></tr><tr><td>6. Foundation of Teaching for Learning Curriculum</td><td>88%</td></tr><tr><td>7. Gen Ai for Everyone</td><td>100%</td></tr><tr><td>8. Neural Networks and Deep Learning</td><td>98.10%</td></tr><tr><td>9. Transformer Models and BERT Model</td><td>90%</td></tr><tr><td>10. Generative AI with Large Language Models</td><td>92.65%</td></tr></table>		1. Machine Learning Basics	NA	2. Generative AI for Executives and Business Leaders	NA	3. AI for Everyone	91.87%	4. Creative Thinking: Techniques and Tools for Success	79.39%	5. Foundations of Cyber Security	87.98%	6. Foundation of Teaching for Learning Curriculum	88%	7. Gen Ai for Everyone	100%	8. Neural Networks and Deep Learning	98.10%	9. Transformer Models and BERT Model	90%	10. Generative AI with Large Language Models	92.65%		
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Internship Attended	AICTE 3 Weeks Internship on “ DATA SCIENCE, AI, MACHINE LEARNING USING PYTHON (PROJECT BASED) ”																							
FDP/ STTP Attended	<table><tr><td>NI Academic Conclave 2023: Innovations & research in Education</td><td>22-Dec-23</td></tr><tr><td>Innovations and Recent Advancement in the field of Electrical and Electronics</td><td>15th Jan -19th January 2024</td></tr><tr><td>NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC)</td><td>1 Jan - 10th January 2024</td></tr><tr><td>ISTE Approved STTP on “AI/ML AND DATA SCIENCE FOR HEALTH CARE”</td><td>11/12/23 to 22/12/23</td></tr><tr><td>National FDP on Deep Learning and Artificial Intelligence by Deep Learning and Artificial Intelligence organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd.</td><td>26th Feb to 1st March 2024</td></tr><tr><td>Navigating the Research Article Publishing Landscape from Writing to Publishing Organized by PCCOE, Pune</td><td>14th March to 16th March 2024</td></tr><tr><td>Fundamentals of Deep Learning (Nvidia)</td><td>7th March 2024</td></tr><tr><td>7 DAYS NATIONAL LEVEL FDP ON PYTHON organized by Star International Foundation for Research and Education</td><td>19 Mar to 25 Mar 2024</td></tr><tr><td>Mathswork Course on Image Processing Onramp by Matlab</td><td>28-Dec-23</td></tr><tr><td>Generative AI for executives and Business Leaders by IBM from Coursera</td><td>May 28 2024</td></tr><tr><td>Recent Trends in Technology</td><td>20/8/24 to 26/8/24</td></tr></table>		NI Academic Conclave 2023: Innovations & research in Education	22-Dec-23	Innovations and Recent Advancement in the field of Electrical and Electronics	15th Jan -19th January 2024	NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC)	1 Jan - 10th January 2024	ISTE Approved STTP on “AI/ML AND DATA SCIENCE FOR HEALTH CARE”	11/12/23 to 22/12/23	National FDP on Deep Learning and Artificial Intelligence by Deep Learning and Artificial Intelligence organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd.	26th Feb to 1st March 2024	Navigating the Research Article Publishing Landscape from Writing to Publishing Organized by PCCOE, Pune	14th March to 16th March 2024	Fundamentals of Deep Learning (Nvidia)	7th March 2024	7 DAYS NATIONAL LEVEL FDP ON PYTHON organized by Star International Foundation for Research and Education	19 Mar to 25 Mar 2024	Mathswork Course on Image Processing Onramp by Matlab	28-Dec-23	Generative AI for executives and Business Leaders by IBM from Coursera	May 28 2024	Recent Trends in Technology	20/8/24 to 26/8/24
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		ISTE Approved Short Term Training Program (STTP) on “ From Draft to Publication: Essential Steps in Research Article Writing ” organized.	January 6 to 10, 2025.
		One Week AICTE ATAL Academy sponsored FDP on “ Quantum Computing: India’s Journey towards Quantum Excellence ” organized by the Department of Information Technology.	13th to 18th January 2025.
		<i>AICTE Training And Learning (ATAL) Academy Faculty Development Program on AIDriven. Growth: Shaping India's Economy and Global Leadership at MCT'S RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI .</i>	24/02/2025 to 01/03/2025.
		AICTE Training And Learning (ATAL) Academy Faculty Development Program on Research and Innovation Trends in Large Language Models at Dwarkadas j Sanghvi College of Engineering.	20/01/2025 to 25/01/2025
		AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cross Roads of AI and Signal Processing at Dwarkadas J Sanghvi College of Engineering.	27/01/2025 to 01/02/2025.

Area of Specialization		Python, Machine Learning, Image Processing
Professional Memberships	:	Life Member of Indian Society of Technical Education (ISTE) - LM 81021
Awards		Gold Medal in M. Tech in Electronics Engineering Certificate of Appreciation for Excellent Result in CSIT, DURG

Interaction with Professional Institutions		Reviewer- the 3rd International Conference on Advanced Computing Technologies and Applications-2023(ICACTA), organized by SVKM's Dwarkadas J. Sanghvi College of Engineering on the 6th and 7th of October 2023. Reviewer for IEEE ICECCC 2024 hosted by the Department of Electronics and Communications Engineering, CMR Institute of Technology, Bengaluru on 2nd and 3rd May 2024. Reviewer for the Second IEEE International Conference on Electronics, Communication, Computing and Control Technology (IEEE ICECCC 2025) hosted by the Department of Electronics and Communications Engineering, CMR Institute of Technology, Bengaluru during 1st and 2nd May 2025. Reviewer for the Third IEEE International Conference on Electronics, Communication, Computing and Control Technology (ICECCC 2026) hosted by the Department of Electronics and Communications Engineering, CMR Institute of Technology, Bengaluru during 17th and 18th July 2026.
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Subjects Taught		<u>UG Level:</u> 1. Microprocessor (8085 and 8086) and Interfacing (With Lab) 2. Microcontroller and Embedded Systems 3. Digital Electronics and Logic Design(With Lab) 4. Electronics and Instrumentation 5. Electronics Engineering Materials and Components 6. Line Communication 7. C & Data Structures (With Lab) 8. Computer Architecture and Organization 9. Electromagnetic Fields 10. Communication Electronics (With Lab) 11. Data Base Management System 12. Data Structures and Algorithms 13. Mathematics and Statistics for Machine Learning 14. Game Theory using AIML 15. AIML in Health Care (With Lab) 16. Machine Learning And Applications 17. Image Processing 18. Natural Language Processing 19. Entrepreneurship & Startup Ecosystem 20. Artificial Intelligence 21. Mathematics & Statistics for AIML
Projects Guided	:	<u>UG Level:</u> 1. Stock Price Prediction Using Deep Learning 2. Price Prediction of Different Financial Assets using Machine Learning 3. Machine Learning-based Approaches for Detecting and Mitigating Toxic Comments 4. Independent Document Processing 5. Multi-Disease Retinal Screening via Vision Transformer with Agentic RAG-based Clinical Decision Support 6. Portfolio Sentinal AI Agent 7. Portfolio Optimization Using Machine Learning 8. Invoice Data Ingestion Pipeline
Recommended Students for Higher Education		1. Nayan Trivedi from RGIT, 2. Nohin Sabu from RGIT 3. Aash Shah 2025 pass out 4. Suhani Sawalakha
Institute/Department Responsibility handled:		➤ Admission Committee Member ➤ Department Oral Practical Exam Coordinator ➤ NAAC criteris-5 Department Coordinator ➤ NBA criteria-6 Department Coordinator ➤ Department Honors –Minors Coordinator ➤ NBA Criteria 2 ➤ Oral Practical Exam Co-Coordinator ➤ Department Alumni Co-Coordinator ➤ SE-IPD Coordinator ➤ Class – In charge ➤ Member of Institutions’ Innovation Councils of the College ➤ Department Coursera Co-Coordinator
Pedagogy Development		--