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Designation	: Assistant Professor	
Department	: Computer Engineering	
Date of Joining the Institution	: 1/08/2008	
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Google Scholar Link:	: https://scholar.google.com/citations?user=bciZqHIAAAAJ&hl=en	
Researchgate Link:	: https://www.researchgate.net/profile/Khushali-Deulkar	
ORCID	: https://orcid.org/0000-0003-0531-6349	
Publons Researcher ID:	: https://publons.com/researcher/4710443/khushali-deulkar/	
Qualifications with Class / Grade	: M.E. (Computer Engineering), First Class with Distinction, Mumbai University. B.E. (Computer Engineering.), First Class, RSTMNU	
Total Experience in Years	: <u>Teaching: 18 years</u>	
Papers Published in Journal:	: <ul style="list-style-type: none"> • “Exploring Deep Learning Techniques for Topic Modeling of Natural Disaster”, Soft Computing: Theories and Applications: Proceedings of SoCTA 2024, Volume 1,31/8/2025. • “Localized Modeling for Airline Price Prediction Using K-Means and Decision Tree Ensemble” International Journal of Communication Networks and Information Security,1/12/24. • “Performance Analysis of Different Deep Neural Architectures for Automated Metastases Detection of Lymph Node Sections in Hematoxylin and Eosin-Stained” Whole-Slide images, Congress on Intelligent Systems: Proceedings of CIS 2021, Volume 2. • Application of deep learning in cartography using UNet and generative adversarial network, Design of Intelligent Applications Using Machine Learning and Deep Learning Techniques,257-271’Chapman and Hall/CRC,15/08/2021 • Texture Synthesis and Style Transfer for Aesthetic Design Creation, Advanced Computing Technologies and Applications: Proceedings of 2nd International Conference on Advanced Computing Technologies and Applications—ICACTA 2020, 497-502, Springer Singapore. • A survey of different search techniques for big data, Proceedings of 2017 International Conference on Innovations in Information, Embedded and Communication Systems, ICIECS 2017 	

<p>Papers Presented in Conferences</p>	<ul style="list-style-type: none"> • Comparative study of various techniques to diagnose disease using Pulse sensing, - 3rd International Conference on Advanced Computing and Communication Systems: Bringing to the Table, Futuristic Technologies from Around the Globe, CACCS 2016. • Evaluating the influence of text representation techniques on diverse machine learning algorithms for stress detection in social media users. • 024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE),16/5/2024 • Multimodal emotion recognition in video, audio, and text using deep and transfer learning, 2023 International Conference on Advanced Computing Technologies and Applications (ICACTA) 6/10/2023 • “Time quantum optimization in round robin algorithm “2023 International Conference on Network, Multimedia and Information Technology (NMITCON),Congress on Intelligent Systems: Proceedings of CIS 2021, Volume 2, 1/09/2023. • “Revivify: a depression detection and control system using tweets and automated chat bot”, IEEE World Conference on Applied Intelligence and Computing (AIC), 796-801,2022. • Lightweight Apparel Classification with Residual and Inverted Residual Block based Architectures, 021 IEEE Cloud Summit (Cloud Summit),2021 • An Improved Memetic Algorithm for Web search, ICACTA 2015.
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<p>Faculty Development Programme (FDP)</p>	<table border="1"> <thead> <tr> <th rowspan="2">Sr. No.</th> <th rowspan="2">Name of Courses</th> <th colspan="2">Duration</th> <th rowspan="2">No. of weeks</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>AI and Gen AI with Industry Application(MIT)</td> <td>16 July 2024</td> <td>22 July 2024</td> <td>1 week</td> </tr> <tr> <td>2</td> <td>Next Generation AI (IEEE computational society)</td> <td>11 March 2024</td> <td>16 March 2024</td> <td>1 week</td> </tr> <tr> <td>3</td> <td>Emerging tools and Techniques in Machine Learning and Data Science.(CSI association)</td> <td>5th February 2024</td> <td>10th February 2024</td> <td>1 week</td> </tr> <tr> <td>4</td> <td>AICTE approved AI Evolution: From Foundations to Generative AI</td> <td>29th January 2024 to</td> <td>2nd February 2024</td> <td>1 week</td> </tr> </tbody> </table>	Sr. No.	Name of Courses	Duration		No. of weeks	From	To	1	AI and Gen AI with Industry Application(MIT)	16 July 2024	22 July 2024	1 week	2	Next Generation AI (IEEE computational society)	11 March 2024	16 March 2024	1 week	3	Emerging tools and Techniques in Machine Learning and Data Science.(CSI association)	5th February 2024	10th February 2024	1 week	4	AICTE approved AI Evolution: From Foundations to Generative AI	29th January 2024 to	2nd February 2024	1 week
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		5	ISTE approved Emerging Technology in Machine Learning	30th January 2024	3 February 2024	1 week
		6	AICTE approved IP Training Program	20 Jan 2023	20 Jan 2023	1Day
		7	AICTE approved "Emotional Intelligence"	12 July 2021	16 July 2021	1 week
		8	TCS sponsored Intellectual Property Rights	24 Aug 2020	24 Aug 2020	1Day
		9	AICTE approved "Personal Effectiveness"	21 Sep 2020-	25 Sep 2020	1 week
		10	AICTE approved "Stress-management"	26 Aug 2020	30 Aug 2020	1 week
		11	AICTE approved "Inculcating Universal Human Values in Technical Education"	5August, 2020	9 August, 2020	1 week
		12	Hands on training on Python (IIT Bombay)	03 May 2020	7 May 2020	1 week
		13	Improving Teaching Learning Experience using Best Practice	15 June 2020	19 June 2020	1 week
		14	AICTE - TEQIP approved Big Data Analytics	10 May 20 17	19 May 2017	2 week
Area of Specialization		Data Mining , Machine learning , AI				
Professional Memberships	:	Life Member of ISTE		Membership No.:		

Subjects Taught	<p><u>UG Level:</u></p> <ul style="list-style-type: none"> • C, • C++, • Java, • Web programming, • Python • AI • ML • DBMS <p><u>PG Level:NA</u></p>	
Books Published / IPRs / Patents	<p>: 1: Information Theory And Coding Techniques GTU 2: Data Structure In Python-MU 3:Data Structure In C-MU</p>	
Projects Guided	<p>: <u>UG Level:</u> more than 30</p> <p><u>PG Level:NA</u></p>	
Recommended Students for Higher Education	<p><u>Name of the Student</u> More than 70 students for PGlevel</p>	<p><u>University/Industry</u> Various Universities across USA, Canada.</p>
Institute/Department Responsibility handled:	<ul style="list-style-type: none"> • Various responsibilities for academic and administrative coordinationat the Department and Institution level. • Alumni coordinator • Lab In charge • Class In charge • Mentor 	