

## PROFILE

Name	Dr. Priyanka Desai
Position & Affiliation	Associate Professor, Department of ISE
Areas of Interest	Machine Learning, Artificial Intelligence, Generative AI, Cybersecurity, New Technologies
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### **Educational Qualifications:**

Ph.D	JJTU	India	2016
MTech	Gogte Institute of Technology, VTU, Belgaum	India	2009
BE	Gogte Institute of Technology, KUD, Dharwad	India	2000

### **Areas of Research:**

Machine Learning, Artificial Intelligence, Generative AI, Cybersecurity

### **Brief Profile:**

Dr. Priyanka Desai holds a B.E. in Computer Science and Engineering from GIT, KUD Dharwad, an M.Tech in Computer Science and Engineering from GIT, VTU, Belgaum, and a Ph.D. from JJTU, Rajasthan. With over 20 years of diverse experience, Dr. Priyanka Desai has served as an Edupreneur, EdTech, Data Scientist in Mumbai, Content Developer, and Market Research Consultant.

Currently an Associate Professor at CIT, K R Puram, Bangalore specializing in Computer Science Engineering, Dr. Priyanka Desai has a keen research interest in Machine Learning, Artificial Intelligence, Generative AI, Cloud-Based Applications, and exploring emerging technologies.

Has successfully organized and conducted numerous seminars and workshops and has played pivotal roles in the organizing committees of national and international conferences. A former Infosys Campus Connect Trainer, has been associated with the Cambridge Institute of Technology (CIT) since September 4, 2023.

Serves as a Consultant at Samsung SIRB in LLM/Generative AI and FYI-Mumbai.

At the Center for Computational and Cognitive Imaging Research (CCCIR) at CIT, leads research efforts focused on utilizing advanced computational techniques for processing and analyzing RADAR images. Under their mentorship, students are innovating methodologies to enhance RADAR imaging systems' capabilities.

Has guided numerous B.E. and M.E. students in Web Technologies, Machine Learning, and Software Development, Generative AI fostering the next generation of innovators in these fields.

**Awards/Achievements/Others: NIL**

**Courses Taught: Web Technology, Software Engineering, E-commerce, Artificial intelligence and Machine Learning, Data Science and Visualization, Python, Advanced Python, Java**

**Publications/Patents:**

Publications

1. Priyanka Desai,"Enhancing Cybersecurity through Bayesian Node Profiling and Attack Classification",16 Jun. 2023 / Revised: 12 Aug. 2023 / Accepted: 8 Sep. 2023,8 Feb. 2024,PP.43-51,DOI: <https://doi.org/10.5815/ijwmt.2024.01.04>
2. Priyanka Desai, G.R.Kulkarni "Use of API's for comparison of different product information under one roof: analysis using SVM, 2018/6/2,IJITCS,10,6,Pg:11-22,DOI: 10.5815/ijitcs.2018.06.02
3. P. Desai and G. R. Kulkarni,"Necessity of customer inputs for online group shopping using Support Vector Machines, Proceedings of 3rd International Conference on Reliability, Infocom Technologies and Optimization, Noida, India, 2014, 1-6,10.1109/ICRITO.2014.7014768
4. Desai Priyanka, S Preethi, Loganathan D, R Bharani,"Qualitative and Quantitative Data Analysis using Classification, and Ensemble Techniques to Optimize and Predict the Performance of Reviews,2023,1-10,10.1109/ICAEECI58247.2023.10370889
5. Priyanka Desai ,Karthik P , D Loganathan , Preethi S 4 , Bharani B R , "Different Data Cleaning Techniques and Normalization Techniques with Focus on Current Normalization Techniques: A Study, 2024 Sixth International Conference on Electrical and Computer Technologies (ICAECT 2024),OCTOBER 2024(to be published).
6. Priyanka Desai,"Robotic process automation: RPA Pre-requisite and pivotal points", Special Issue: Special issue:IAISCT(SS4), 2020 International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE), Bengaluru, India, 2020,446-451 , 10.1109/ICSTCEE49637.2020.9276861
7. Priyanka Desai, Bhavna Arora,"Combined K-Hierarchy Clustering to know the Buying Pattern of Customer and Provide Them with Freebies by Online Site for Future Shopping,January -February 2020, The Mattingley Publishing Co., Inc.,7844 -78537844,0193 -4120
8. Priyanka Desai, G. R. Kulkarni ,"Comparison of IR Models for Text Classification,January 2013, International Journal of Computer Applications. 61, 22,20-25. ,DOI=10.5120/10228-4713
9. Deepali Joshi and Priyanka Desai,"PREDICTION OF STUDY TRACK BY APTITUDE TEST USING JAVA",International Journal of Advances in

	<p>Engineering &amp; Technology, July, 2014.©IJAET ,Vol. 7, Issue 3,1018-1026,ISSN: 22311963</p> <ol style="list-style-type: none"> <li>10. Prasanna Kothalkar Priyanka Desai,"Implementing Social Group Shopping using Support Vector Machines,2012, International Conference &amp; Workshop on Recent Trends in Technology, (TCET),Proceedings published in International Journal of Computer Applications® (IJCA)</li> <li>11. Chavan, Jaymala, and Priyanka Desai. "Relational Data Leakage Detection using Fake Object and Allocation Strategies." International Journal of Computer Applications 80, no. 16 (October 18, 2013): 15–21. <a href="http://dx.doi.org/10.5120/13952-1712">http://dx.doi.org/10.5120/13952-1712</a>.</li> <li>12. Pallavi P. Gujar, Priyanka Desai; “A Survey of Record Deduplication Techniques”, International Journal of Latest Trends in Engineering and Technology, Volume 2, Issue 4, July 2013.</li> <li>13. PP Gujar, P Desai,"Deduplication of Hospital Data using Genetic Programming"International Journal of Innovations in Engineering and Technology (IJJET), <a href="http://dx.doi.org/10.21172/ijiet.81.024">http://dx.doi.org/10.21172/ijiet.81.024</a></li> <li>14. J Chavan, P Desai,"Data leakage detection using data allocation strategies",International Journal of Advances in Engineering &amp; Technology 6 (5), 2033–2040,2013,ISSN is 22311963</li> <li>15. P Desai,"ASP.NET MVC Framework",VIT, Mumbai, National Conference in Computers and Communication</li> </ol>
Patents	Patent: Dr. Karthik P,Dr. Loganathan D, Priyanka Sudhakar Desai, Dr. Preethi S, Dr. Bharani B R, Dr. Pradeep K R, Dr. Manu D K, Dr. Jayanthi M.G
Book/Book Chapters	D Priyanka,"Educational Technology and Libraries: Supporting Online/Digital Learning with the ASP.NET MVC Framework",2024,18,IGI Global, DOI: 10.4018/979-8-3693-2782-1.ch011
<p><b>Research and Consultancy:</b> Consultant SIRB on Generative AI, collaborating with Samsung. The work involves guiding innovative research, exploring advanced AI methodologies, and developing practical solutions in the domain of Generative AI.</p>	