

BIO-DATA

					
1.	Name			RUPALI NILAJ DESHMUKH	
2.	Designation			Assistant Professor	
3.	Residential Address			B-03, Rajput C.H.S., Sector: 15 A, CIDCO Colony, New Panvel, Navi Mumbai, Pin-410 206.	
4.	Date of birth			15.10.1980	
5.	Total Experience			21 years	
i.	Teaching			21 years	
ii.	Industrial			-	
6.	Qualifications			M.E.(Computer Engg.)	
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
	B.E.	2002-03	Amaravati University	Computer Science	60.30
	M.E.	2010-2011	Mumbai University	Computer Engg	67.56
Additional Qualification:					
7.	Employment Record				
	Institution	Year (From To)		Designation	
	Fr. C. Rodrigues Institute of Technology, Vashi	Aug. 2010 to till Date		Assistant Professor	
	MGM College of Engineering and Technology, Kalamboli	June 2008 to June 2010		Lecturer	
	Pillai's Institute of Information Technology From	Dec 2004 to May 2008		Lecturer	
	Shah & Anchor Polytechnic College	June 2004 to Dec 2004		Lecturer	
8.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught				
	Subjects Taught at UG level				
	Sr.No.	Name of Subject		Semester	
	1	AIT		VI	
	2	JPL		III	
	3	OOPM		III	
	4	DBMS		IV	
	5	DS		III	
	6	DIS		III	
	7	Multimedia System Design		VIII	
	8	CCS		VI	

	9	CSDL	VI			
	10	Python	IV			
	11	AIDS-1	VI			
	12	DS with Python	VI			
	Subjects Taught at PG level					
	Sr.No.	Name of Subject	Semester			
		-	-			
9.	Research Experience					
10.	Research Funding / Consultancy Services:					
	Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees
	Research Grants:					
	Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
	Technical Collaboration / Lab Funding with Industries					
	Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year	
11.	Professional Societies Fellowship / Membership ISTE					
12.	Achievements / Awards / Position					
13.	Projects guided in UG/PG level					
14.	<ul style="list-style-type: none"> ➤ Short Term Training Programmes attended ➤ One-day seminar on ‘Embedded system Design Using Microcontrollers’ organized by PIIT. ➤ One-day seminar on ‘Challenges in Education in Europ’ organized by PIIT. ➤ One-day seminar on ‘Nano technology & its application’ organized by PIIT. ➤ Three-day course on ‘Object-Oriented Analysis & Design Using the UML with Fundamental of Rational Rose’ organized by IBM. ➤ Three-day course on ‘Train The Trainer Program on System Design’ organized by Infosys. ➤ One week STTP on Teaching programming in java & its application organized by PIIT from 14- 18 Jan 2008. ➤ Two week STTP on Database Management Systems conducted by IIT Bombay from 21- 31 may 2013. ➤ One week STTP on Communication skills conducted by FR. CRIT Vashi. from 3- 9 oct 2013. ➤ One week STTP on Data Science and Big Data Analytics conducted by FR. CRIT Vashi. from 19-24 Dec 2016. ➤ One week STTP on “Hands on Cross Platform Mobile Application Development and IOT workshop” conducted by FR. CRIT Vashi. from 07-11 May 2018. ➤ One week STTP on “Recent Trends in Mobile (Android) Apps Development” 24th– 28th June, 2019” conducted by IT Dept FR. CRIT Vashi. ➤ One week STTP on “Natural Language Processing” 02nd– 7th June, 2020” conducted by Computer Dept FR. CRIT Vashi. 					

- Online Faculty Development Program on “R Programming” organized by the Department of Information Technology at Fr. C. Rodrigues Institute of Technology, Vashi in association with SpokenTutorialIITB,Mumbai during 18th - 23rd May, 2020.
- Attended "4 Days of FDP Program on ICT/LMS Tools for Teaching & Learning " organised by Department of Information Technology & IQAC of K.C. College of Engineering & Management Studies & Research, Thane (E) from 16th June 2020 to 19th June 2020.
- attended FDP for revised syllabus Rev-2019-'C' scheme' of Information Technology for the course DBMS and SQL lab organized by K.J.Somaiya Institute of Engg and Information Technology in association with University of Mumbai on 2nd July, 2020.
- One week (ATAL) Online Elementary FDP on " Data Science & Machine Learning with Python" from 2021-7-5 to 2021-7-9 at MANIPAL UNIVERSITY JAIPUR.
- One week (ATAL) Online Elementary FDP on " Data Analytics and Machine Learning Using Python" from 2021-07-12 to 2021-07-16 at School of Information Technology, Rajiv Gandhi Proudhyogiki Vishwavidyalaya.
- Attended 5 Days of FDP Program on “Artificial Intelligence and Data Science with Current Trends” organized by the Department of Information Technology at Fr. C. Rodrigues Institute of Technology, Vashi during 3rd Jan– 7th Jan, 2022.
- One week FDP on “Deep Learning Networks and It's Applications” **19th– 24th June, 2023**” conducted by IT Dept FR. CRIT Vashi.
- One week FDP on “Quantum-Enabled Intelligence: Innovations in Computing”**04th– 09th Dec, 2023**” conducted by RAIT Nerul.

15.	List of Journal Papers Published <ul style="list-style-type: none">➤ Published paper title “Secure fingerprint using Mosaicking “, in International Conference and Journal on Advances in Engineering and Technology-2014 (ICAET-2014)➤ Published paper title “Visualizing and Analyzing Industrial Samples Using Non-Destructive Testing”, in International Journal of Software and Web Sciences (IJSWS), Issue 11, Volume 1, pp. 35-39, ISSN (Online): 2279-0071➤ Published paper title “Indoor Surveillance System using Image Processing “, in International Journal of Software and Web Sciences (IJSWS), Issue 11, Volume 1, pp. 35-39, ISSN (Online): 2279-0071➤ Published paper title “Indoor Surveillance in Dynamic Environment “, in International Journal of Research and Scientific Innovation (IJRSI), ISSN 2321-2705, Volume II Issue X, Oct-2015, Pg. No. 105-107
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	<ul style="list-style-type: none"> ➤ Published paper title “Indoor surveillance system using android platform “, in International Journal of Computing and Technology, volume 3, issue 3, March 2016, ISSN 2348-6090 ➤ Published paper title “Indoor Surveillance in Dynamic Environment “, in International Journal of Engineering Trends and Technology, volume 33 number 3-March 2016 ISSN:2231-5381 ➤ Published paper title “GPSI: Graphical Password by Segmentation of Image “, in International Journal of Research and Scientific Innovation (IJRSI), ISSN 2321-2705, Volume III Issue XI, Oct-2016, ➤ Published paper title “Authentication by Image Segmentation and Shuffling “, in International Journal of Computing and Technology (IJCAT), ISSN (Online): 2348-6090, Volume 4, Issue 12, December 2017 ➤ Published paper title “Implementation of Virtual Drive (3D Simulator) “, in International Research Journal of Engineering and Technology (IRJET), ISSN 2395-0056, Volume: 04 Issue: 11 Nov -2017
<p>16.</p>	<p>List of Papers Published in National and International Conferences</p> <ul style="list-style-type: none"> ➤ Presented and published paper title “Face Detection using YCbCr Color Space “, in First International Conference on Sunrise Technologies (iCOST 2011) to be held from 13 - 15 January 2011 at SSVPS's B.S. Deore College of Engineering and Polytechnic, Dhule, MS, India. ➤ Presented and published paper title “Face Detection using HSV Color Space “, in First International Conference on Sunrise Technologies (iCOST 2011) to be held from 13 - 15 January 2011 at SSVPS's B.S. Deore College of Engineering and Polytechnic, Dhule, MS, India. (Won the Best Paper Award) ➤ Presented and published paper title “Comparisons between different techniques of Intrusion Detection and Prevention “, in International Conference on Computer Science & Information Technology (CSIT) to be held on 25 August 2013 at Nagpur, ISBN:978-93-83060-11-5, Pg. No: 9 -13 MS, India. ➤ Presented and Published paper title “Secure fingerprint using Mosaicking “, in International Conference and Journal on Advances in

- Presented and published paper title “A proposed system for handwritten Gujarati character detection using image processing and recognition using HOG “, National Conference on Recent Trends in Electronics, Communication & Computing (NCRTECC-2018)
to be held from 7th And 28th February 2018at D.Y. Patil School of Engineering Academy, Pune, India.(Won the Best Paper Award)
- Published paper title “Implementation of Virtual Drive (3D Simulator) “, in International Research Journal of Engineering and Technology (IRJET), ISSN 2395-0056, Volume: 04 Issue: 11 | Nov -2017 IJCAT - International Journal of Computing and Technology, Volume 4, Issue 12, December 2017 ISSN (Online): 2348-6090
- Presented and published paper title “Handwritten Gujarati script recognition with image processing and deep learning “, IEEE Technically Co-Sponsored 3rd Biennial International Conference on Nascent Technologies in Engineering Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India January 04-05, 2019
- Presented and published paper title “Handwritten Gujarati character detection using image processing and recognition using HOG, DHV features and KNN “, (ICDLAIR) 2019, , Malaviya National Institute of Technology (MNIT), Jaipur , National Institute of Technology, Uttarakhand, December 07-08, 2019.
- Presented and published paper title “Decentralized Voting System using Block Chain Technology “, International Conference on “Digital Democracy - IT for Change”, held during 16th-18th January, 2020 at KIIT, Bhubaneswar, organized by the Computer Society of India.
- Presented and published paper title “LOOKOUT - The Emergency Application“, International Conference on “Digital Democracy - IT for

Change”, held during 16th-18th January, 2020 at KIIT, Bhubaneswar, organized by the Computer Society of India.

- Presented and published paper title “LOOKOUT – The Emergency Application “, AISCC-2020: International Conference on Advances in Systems, Control and Computing
Malaviya National Institute of Technology Jaipur India (an institute of national importance) Jaipur, India, February 27-28, 2020 (Best paper Award)
- Presented and published paper title “Early Epilepsy Seizure Prediction using CNN” 2nd International Conference on Artificial Intelligence: Advances and Applications (ICAIAA 2021).
- Presented and published paper title “CURSOR MOVEMENT USING HAND GESTURES” Fifth International Conference on Information and Communication Technology for Intelligent Systems Ahmedabad, 23rd – 24th April, 2021
- Selected paper title “REDE - Detecting human emotions using CNN and RASA” International Conference for Advancement in Technology, GOA, INDIA(Technical Co- Sponsor- IEEE Bombay section) 21st - 22nd Jan 2022
- Presented and published paper title “FDrive – Open-Source Document Sharing and Management Solution “1st International Conference on Science, Technology and Engineering (ICSTE-2023)_during 17-18 Feb. 2023, NIT Manipur, Imphal
- Presented and published paper title "Smart Lab Management using Cloud and ML," 2023 6th International Conference on Advances in Science and Technology (ICAST), Mumbai, India, 2023, pp. 291-295
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- Presented and published paper title "Multi-Disease Prediction System Using Machine Learning," 2023 6th International Conference on Advances in Science and Technology (ICAST), Mumbai, India, 2023, pp. 330-334

17. Books/Reports/General articles etc.

18. Invited Lectures in FDP/ STTP

19.	International Conference Technical Program Committee Member / Reviewer <ul style="list-style-type: none">➤ Reviewed papers of the 2nd Biennial International Conference on Nascent Technologies in Engineering organized by FR. CRIT Vashi on 27-28 January 2017.➤ Member of Technical Program Committee 2nd Biennial International Conference on Nascent Technologies in Engineering organized by FR. CRIT Vashi on 27-28 January 2017.
20.	Patents