

## BIO-DATA

<b>1.</b>	<b>Name</b>	Ms. Smita Dasharath Dange				
<b>2.</b>	<b>Designation</b>	Assistant Professor				
<b>3.</b>	<b>Total Experience</b>	<b>19 Years</b>				
<b>i.</b>	<b>Teaching</b>	19 Years				
<b>ii.</b>	<b>Industrial</b>	Nil				
<b>4.</b>	<b>Qualifications</b>					
	<b>Exam Passed</b>	<b>Year</b>	<b>Institution/ University</b>	<b>Branch/Specialization</b>	<b>Percentage/CGPI</b>	
	M.Tech.	2009-2011	Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai, Maharashtra, India	Computer Engineering	9.7 / 10 (First Class with Distinction)	
	B.Tech.	1997-2001	Dr. Babasaheb Ambedkar Technological University, Lonere, Taluka: Mangaon, District: Raigad, Maharashtra, India	Computer Engineering	71 % (First Class with Distinction)	
	<b>Additional Qualification: Nil</b>					
<b>5.</b>	<b>Employment Record</b>					
	<b>Institution</b>	<b>Year (From To)</b>	<b>Designation</b>			
	Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra, India	July 05, 2004 to Till date	Asst. Professor			
	M. G. M. College of Engineering, Kamothe, Navi Mumbai, Maharashtra, India	June 10, 2002 to June 30, 2004 (02 Years)	Lecturer			
<b>6..</b>	<b>Undergraduate / Postgraduate Teaching Experience and Subjects Taught</b>					
	<b>Subjects Taught at UG level</b>					
	<b>Sr.No.</b>	<b>Name of Subject</b>	<b>Semester</b>			
	1	Structural Programming Language	Semester II			
	2	Data Structure	Semester III			
	3	Discrete Structure	Semester III			
	4	Analysis of Algorithm	Semester IV			
	5	Python Programming	Semester IV			
	6	Advanced DBMS	Semester VI			
	7	Machine Learning	Semester VI			
	8	Internet of Things	Semester VI			
	9	Software Architecture	Semester VIII			
	10	Big Data Analytics	Semester VII			
<b>7.</b>	<b>Research Grants:</b>					
	<b>Sr. No.</b>	<b>Name of Funding Organization</b>	<b>Type of Grant</b>	<b>Amount (Rs.)</b>	<b>Year</b>	<b>Name of Research Project</b>
	1.	Mumbai University, India	'University Minor Research Grant'	20,000/-	2016-2017	Rescue Bot
	2	Mumbai University, India	'University Minor Research Grant'	35,000/-	2019-2020	Build Secure IoT Network
<b>8</b>	<b>Professional Societies Fellowship / Membership</b>					
	<ul style="list-style-type: none"> <li>• Indian Society for Technical Education (ISTE) [Membership No. LM 87636]</li> <li>•</li> </ul>					

9	<p><b>Achievements / Awards / Position</b></p> <ul style="list-style-type: none"> <li>• Secured First rank in 15<sup>th</sup> Avishkar Research Convention 2020-21 for the proposal to build “Secure IoT Network” on Virtual Platform by University of Mumbai on July 01, 2021.</li> <li>• Secured First place in M. Tech programme (Computer Technology) at Veermata Jijabai Technology Institute, Mantunga,2011.</li> <li>• Best Paper Presentation Award for presenting paper titled, “Building k-anonymity model to preserve the identity of Individuals”, at National Conference on Equinox at Terna Engg college Navi Mumbai, 2010.</li> </ul>
10.	<p><b>Projects guided in UG level</b></p> <ul style="list-style-type: none"> <li>• <b>“DataSec.AI: Data Anonymization Micro services”</b>( Shreyas L, Piyush Kolte, Atharv Sawant, 2020)</li> <li>• <b>“Intelligent Lunar Landing Site Recommender”</b>,(Digina D, Anthony T,Cyril ,2020)</li> <li>• <b>“Alzheimer Detection System”</b>, (Siddhi Bothraa, Jonathan J, Shruti Telang, 2019)</li> <li>• <b>“Smart Laboratory System”</b> , (Amruta Banagar, Rajshankar Khatkar, 2019)</li> <li>• <b>“e-conf: A Conference Management Tool”</b>, (Sinimol Babu, Darshana Chaudhari , Nithin Jacob, Alvina Malpan, 2017)</li> <li>• <b>“Real time market basket analysis for big data”</b>, (Sheryl Saji, Ann Sara Sajee, Akshada Podar,2016)</li> <li>• <b>“Pick and Place Robotic Vehicle”</b>, (Laveena Anchan , Angel Abraham, Jonathan Kolhar, 2016)</li> <li>• <b>“Ad-hoc Reporting Using Hadoop”</b>, (Saylee Pote, Rohan Choudhari, Minal Ugale, 2015)</li> <li>• <b>“Virtual Lab using Cloud Computing”</b>, (Parag Nemade, Vaibhav Jaybhaye, Meetu Menon, 2015)</li> <li>• <b>“Energy Efficient Tracking System Using Wireless Sensors”</b>, (Thankaselvi Kumaresan, Sheryl Mathias, Digja Khanvilkar,2014)</li> <li>• <b>“Navigation System for The Blind”</b>, (Varsha Varadarajan, Sneha Kolapkar, Monica Saini, Komal Jagtap, 2014)</li> <li>• <b>“Automated Web Micros for Firefox”</b>, (Rahul Mishra, 2013)</li> <li>• <b>“Discovering Truthfulness of Websites using true facts of an object”</b>, (Ningesh 2012)</li> <li>• <b>“SQL Tuner”</b> ( Asha A, Trupti K, Milind A, 2011)</li> </ul>
11.	<p><b>Short Term Training Programmes attended</b></p> <ul style="list-style-type: none"> <li>• AICTE &amp; ISTE approved STTP on “Block Chain Awareness, Use Cases and Challenges” , Fr. C.Rodrigues Institute of Technology, Vashi ,Navi Mumbai ,India , Jan 3-7 2022.</li> <li>• Faculty Development Program on “Blockchain Technology” ,L T College of Engineering, Koparkhairne, India, Jan17-19 2021.</li> <li>• Online Faculty Development Program on “Protecting you in Cyberspace”, Pillai College of Engineering, New Panvel, Jun1-3 ,2020.</li> <li>• Faculty Development Program on “Data Science”, Pillai College of Engineering, HOC, Rasayani, India, Jul. 2-7,2019.</li> <li>• Cyber Frauds, Investigations and Forensics Conference organized by CSI Cyber FIF-C at IIT Bombay, India, Jan.24-25 2019.</li> <li>• Short Term Training program on “Cyber Security in IoT Applications”, Department of Information Technology of K.J.Somaiya, IET and National Cyber Safety and Security Standards, India, July.2-7 2018.</li> <li>• QIP Sponsored Short Term Training Program on “Data Mining with R”, Department of Computer Engineering and Information Technology, Veermata Jijabai Technology Institute, (VJTI), Matunga, India, March 7-12,2017.</li> <li>• ISTE approved Short Term Training on “Big Data Analytics”, Computer Engineering Department of VESIT, Chembur-India, Jan. 4-9 2016.</li> </ul>

	<ul style="list-style-type: none"> <li>• Faculty Development Program on “Big Data Analytics- Hadoop”, in association with TCS at Fr. C. Rodrigues Institute of Technology, Vashi, India, April 15-16 2015.</li> <li>• Task Based Training(TBT-2015) conducted as a part of Teacher Training through the e-Yantra Lab Setup Initiative(eLSI).</li> <li>• Two week ISTE Workshop on “Computer Programming” conducted by Indian Institute of Technology, Bombay under the National Mission of Education through ICT(MHRD) at Terna Engineering College, Nerul, India, May 20-June21 2014.</li> <li>• Two-day Workshop on “Introduction to Robotics” conducted by ERTS Lab- IIT Bombay at V.E.S Institute of Technology, Mumbai, India, Oct. 14-15 2013.</li> <li>• One Week Graded ISTE-STTP on “Structured Programming Approach with Lab Exercise” at Sardar Patel Institute of Technology, Andheri, India, Dec 31- Jan 05 2013.</li> <li>• Worlddidac India Workshop on “Creative Teaching and Learning” conducted by Intel Technology, Mumbai, India, Sep. 11-13 2013.</li> <li>• ISTE- SRM Short Term Training Programme on “Advancement on Cloud Computing”, organized by Saraswati College of Engineering, Kharghar, India, May. 13-18 2013.</li> <li>• Workshop on “Software Architecture Design Patterns: Concepts &amp; Implementation”, by Xavier Institute of Engineering, Mumbai, India, Jan. 3-7 2011.</li> <li>• Course on “Advanced Databases” at VESIT, Mumbai, India, Sep. 10-11 2004.</li> </ul>
12.	<ol style="list-style-type: none"> <li>1. <b>S. Dange</b> and M. Chatterjee, "A Broad Perspective On Integrating Internet Of Things With Blockchain," 2020 5th International Conference on Computing, Communication and Security (ICCCS), Patna, 2020, pp. 1-5, doi: 0.1109/ICCCS49678.2020.9277062</li> <li>2. <b>Smita Dange</b>, Madhumita Chatterjee, “IoT Botnet: The largest attack on IoT Network”, Springer International Conference on Computing, Power and Communication Technologies, will published as book chapter in Data Communication and Networks- Proceedings of GUCON 2019, e-book ISBN 978-981-15-0132-6</li> <li>3. Sinimol Babu, Darshana Chaudhari ,Nithn Jacob, Alvina Malpan, <b>Smita Dange</b>, “eConf- A Generic Conference Management Tool”, International Conference on Advanced Trends in Engineering held in DMCE, ISBN NO:978-93-5267-422-0, 2018.</li> <li>4. Laveena Anchan, Angel Abraham, Jonathan Kolhar, <b>Smita Dange</b>, “Semi-Autonomous Pick and Place Robot” International Conference IEEE Technically Co - Sponsored International Conference on Nascent Technologies in Engineering, Fr.C.R.I.T, Vashi-Navi Mumbai,2017.</li> <li>5. Sheryl Saji, Ann Sara Sajee, Akshada Podar, <b>Smita Dange</b>, “Overview of Various Frequent Item Set Mining algorithms of Big Data”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), ISSN(online):2394-2320, Vol-3, Issue - 12, Page No:9 -15,2016.</li> <li>6. Saylee Pote, Rohan Choudhari, Minal Ugale, <b>Smita Dange</b>, “Ad-hoc Reporting Using Hadoop”, International Journal of Advanced Research in Computer Science and Software (IJARCSSE), Volume 5, Issue 2, ISSN: 2277-128X, Pg. No: 505-508,2015.</li> <li>7. Parag Nemade, Vaibhav Jaybhaye, Meetu Menon, <b>Smita Dange</b>, “Designing Virtual Lab Using Cloud Computing”, COMPUSOFT –IJACT, International Journal of Advanced Computer Technology, Volume 3, Issue X, ISSN:2320-0790, 2014.</li> <li>8. Varsha Varadarajan, Snehlita Kolapkar, Monica Saini ,Komal Jagtap <b>Smita Dange</b>, “Blindnav: A Smartphone Based Navigation System for The Visually Impaired”, International Journal of Advanced Computer Technology (IJACT), Volume 3, Issue 4 ,2014.</li> <li>9. Thankaselvi Kumaresan, Sheryl Mathias, Digja Khanvilkar, <b>Smita Dange</b>, “Energy Efficient Tracking System Using Wireless Sensors”, International Journal of Advanced Computer Technology (IJACT), Volume 3, Issue 4 ,2014.</li> <li>10. Rahul Mishra ,<b>Smita Dange</b>, “Automated Web Micros for Firefox”, International Journal of Emerging Research in Management and Technology(IJERMT), ISSN: 2278-9359, Vol.2,2013.</li> <li>11. <b>Smita Dange</b>, “Discovering Truthfulness of Websites using true facts of an object”, National Conference on Nascent technologies in the Field of Computer Engg. &amp; Information Tech. (NCNTE-2012), Fr.C.R.I.T-Vashi, 2012.</li> </ol>

	<p>12. <b>Smita Dange, B. Meshram</b>, “Real Estate Application using Spatial Database”, International Journal of Advances in Engineering and Technology(IJAET), ISSN: 2231-1963, Vol.1, Issue-5,2011.</p> <p>13. <b>Smita Dange, B. Meshram</b>, “Developing Spatial realistic system”, National Conference on Interface-2010, VJTI at Matunga, 2010</p> <p>14. <b>Smita Dange, B. Meshram</b>, “Understanding the spatial database concept by developing city map with the help of oracle spatial”, International Conference on Sunrise Technologies, Dhule, 2011.</p> <p>15. <b>Smita Dange, B. Meshram</b>, “Building k-anonymity model to preserve the identity of Individuals”, National Conference on Equinox at Terna Engg college Navi Mumbai, 2010</p> <p>16. <b>Smita Dange, Kiruthika M</b> “An Application of Information Retrieval in P2P Networks Using Sockets and Metadata”, CCITA, VLJBCET, Coimbatore, 2010.</p> <p>17. <b>Smita Dange</b>, “Image Handling System Based On Meta Data Search”, National Conference On Recent Trends in Computer Engineering (RTCE '09), Sinhgad College of Engineering, Pune, 2009</p> <p>18. <b>Dipa Dixit, Smita Dange</b>, “Implementation of Data Mining Techniques”, National Conference On Recent Trends in Computer Engineering (RTCE '09), Sinhgad College of Engineering, Pune.,2009.</p> <p>19. <b>Dhanashree H, Smita Dange, Kiruthika M</b> “Analysis of basic components and design required to setup a network wired/wireless”, International Conference On Computer and Network Technology(ICCNT'09), Chennai, 2009.</p> <p>20. <b>Smita Dange</b>, “A Retrieval System to handle Information Overload Problems”, National Conference on NCCCEM-09, held at Khandesh College of Engineering &amp; Information Technology, Jalgaon ,2009.</p> <p>21. <b>Smita Dange, Kiruthika M</b> “Analysis of Various Techniques in Building an Image Database”, National Conference on Recent trends in IT (NCRTIT- 2009), VVPCOE, Ahmednagar,2010.</p> <p>22. <b>Smita Dange, Dhanashree H, M. Kiruthika</b>, “Sharing Internet Connection Through Wi-Fi Network”, International Conference on “Advances in Computing Communication and Control 09(ICAC3'09) Fr. C.R.C.E. Bandra-Mumbai, 2009.</p>
<p>13.</p>	<p><b>Invited Lectures in FDP/ STTP</b></p> <ul style="list-style-type: none"> <li>• Delivered <b>Expert Lecture on topic “Apache Hadoop and IoT Analytics”</b> on 17<sup>th</sup> Feb 2022 at, Electronics and Telecommunication department, Fr. C. Rodrigues Institute of Technology, Vashi-Navi Mumbai.</li> <li>• Delivered <b>Expert Lecture on topic “Handson on Hyperledge Fabric”</b> on 5th Jan 2022 in AICTE and ISTE approved STTP on “ <b>Block Chain Awareness, Use Cases and Challenges”</b> , at Fr. C. Rodrigues Institute of Technology, Vashi-Navi Mumbai</li> <li>• Delivered <b>Expert Lecture on topic “Artificial Intelligence &amp; Machine Learning”</b> perspective, on 10th May 2021at Agnel Polytechnic, Vashi-Navi Mumbai, India</li> <li>• Delivered <b>Webinar on topic "Consumer IoT: It's Security perspective,"</b> on 12th September, 2020 in association with IEI and Fr. C. Rodrigues Institute of Technology, Vashi-Navi Mumbai, India</li> <li>• Delivered <b>Expert Lecture on 'Python Programming for Raspberry Pi'</b> in STTP on 'IoT, Raspberry Pi and Python Programming” held on July. 6<sup>th</sup>, 2018 at Lokmanya Tilak College of Engineering, Koparkhairne-Navi Mumbai, India.</li> <li>• Delivered <b>Expert Lecture on 'Decision Making and Functions and Object Oriented Programming'</b> during AICTE and ISTE approved STTP on 'Python Language and its applications' held on Jan. 4<sup>th</sup>, 2018 at Shivaji S. Jondhale College of Engineering, Dombivali-Thane, India.</li> <li>• Delivered <b>Expert Lecture on 'Python Programming'</b> during AICTE and ISTE approved STTP on 'Open Source Programming with Python and Perl' held on Dec. 19<sup>th</sup>, 2017 at Vidyavardhini College of Engineering &amp; Technology, Vasai-Mumbai, India.</li> <li>• Delivered <b>Expert Lecture on 'Python Programming'</b> during ISTE approved STTP on ' Data Science and Big Data Analytics' held on Dec. 23<sup>rd</sup>, 2016 at Fr. C. Rodrigues Institute of Technology, Vashi-Navi Mumbai, India.</li> </ul>

	<ul style="list-style-type: none"> <li>Delivered <b>Expert Lecture on 'C Programming'</b> during STTP on 'Structural Programming Approach' held on Oct. 7-16, 2014 at Fr. C. Rodrigues Institute of Technology, Vashi-Navi Mumbai, India.</li> </ul>
14	<p><b>International Conference Technical Program Committee Member / Reviewer</b></p> <p><b>International Conference Technical Program Committee Member:</b></p> <ul style="list-style-type: none"> <li><b>Technical Program Committee Chair</b>, IEEE Technically Co-Sponsored 3<sup>rd</sup> Biennial International Conference on “Nascent Technologies in Engineering” to be held on Jan. 4-5, 2019 at Fr. C. Rodrigues Institute of Technology, Vashi, India</li> <li><b>Technical Program Committee Chair</b>, IEEE Technically Cosponsored, 2<sup>nd</sup> Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2017) held in 2017 in Mumbai, India</li> </ul> <p><b>Reviewer:</b></p> <p><b><u>Conferences</u></b></p> <ul style="list-style-type: none"> <li>AICTE Sponsored International E-Conference on Advances in Information Technology and Research (ICAITR-2021) May 31-June 1, 2021, Mumbai, India.</li> <li>4th International Conference on Advances in Science &amp; Technology (ICAST 2021), May 7-8, 2021, Mumbai, India</li> <li>IEEE Technically Co-Sponsored 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2021), Jan. 14-15, 2021, Navi Mumbai, India (Proceedings will be published by IEEE Xplore Digital Library)</li> <li>IEEE Technically Co-Sponsored 3<sup>rd</sup> Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2019), Jan. 4-5, 2019, Navi Mumbai, India (Proceedings will be published by IEEE Xplore Digital Library)</li> <li>International Conference on Recent Advances &amp; Challenges in Engineering &amp; Management (RACEM-2019), March 29-30, 2019, Mumbai, India.</li> <li>IEEE Technically Co-Sponsored 2<sup>nd</sup> Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2017), Jan. 27-28, 2017, Navi Mumbai, India (Proceedings published by IEEE Xplore Digital Library)</li> </ul>