

BIO-DATA



Recent Photograph

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| 1. | Name | SMITA SANJAY RUKHANDE | | | |
| 2. | Designation | Assistant Professor | | | |
| 3. | Residential Address | B-15, Silver C.H.S., Sector: 10 A, VASHI , Navi Mumbai, Pin-400703 | | | |
| 4. | Date of birth | 14.03.1980 | | | |
| 5. | Total Experience | 15years | | | |
| i. | Teaching | 15 years | | | |
| ii. | Industrial | - | | | |
| 6. | Qualifications | M.E.(Computer Engg.) | | | |
| | Exam Passed | Year | Institution/ University | Branch/Specialization | Percentage/CGPI |
| | B.E. | 2000-2001 | Amaravati University | Computer Science | 61% |
| | M.E. | 2015-2016 | Mumbai University | Computer Engg | 8.64 CGPI |
| Additional Qualification: | | | | | |
| 7. | Employment Record | | | | |
| | Institution | Year (From To) | Designation | | |
| | Fr. C. Rodrigues Institute of Technology, Vashi | Aug. 2009 to till Date | Assistant Professor | | |
| | KC College of Engineering, Thane | June 2007 to May 2008 | Lecturer | | |
| | S. H Jondhale Polytechnic, Dombilvali | June 2006 to May 2007 | Lecturer | | |
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| 8. | Undergraduate / Postgraduate Teaching Experience and Subjects Taught | | | | |
| | Subjects Taught at UG level | | | | |
| | Sr.No. | Name of Subject | Semester | | |
| | 1 | Computer networks | IV | | |
| | 2 | Computer network and network design | IV | | |
| | 3 | Cryptography and network security | VI | | |
| | 4 | Computer network security | VI | | |
| | 5 | Distributed Systems | VI | | |
| | 6 | Database & Information Retrieval | IV | | |
| | 7 | Computer Graphics Virtual Reality | V | | |
| | | Data Base Management System | IV | | |
| | | Digital Logic Design Applications | III | | |

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| | Information Technology for Management of Enterprises | | V | | | |
| 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 | Period |
| | | | | | | |
| 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 | | |
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| 11. | Professional Societies Fellowship / Membership ISTE –LM 118786 | | | | | |
| 12. | Achievements / Awards / Position | | | | | |
| 13. | Projects guided in UG/PG level | | | | | |
| 14. | <p>Short Term Training Programmes attended</p> <ul style="list-style-type: none"> ➤ One week STTP on “Information Technology for Managing Enterprises” conducted by Don Bosco Institute of Technology”, from 11-15 Jan 2010. ➤ One-day seminar on ‘Challenges in Education in Europ’ organized by PIIT. ➤ One-day seminar on “ Wirless Networks, Network Security & software Testing” organized by FR. CRIT Vashi on 28th August 2010. ➤ Three-days workshop on “Network Simulator” organized by Terna Engineering College, Nerul from 07 to 09 Feb 2014. ➤ One-day program on “Cloud Computing” organized by FR. CRIT Vashi on 6th July 2015 ➤ Two-days course on “Big Data Analytic and Hadoop” conducted by FR. CRIT Vashi, 15th & 16th April 2015. ➤ Three-day course on “Cloud Computing” organized by FR. CRIT Vashi on 7th, 8th & 10th July 2015. ➤ One-day program on “Big Data Analytic” organized by FR. CRIT Vashi on 4th Jan 2016 ➤ One week STTP on “Internet of Things”, conducted by VJTI, Mumbai from 15-20 March 2017. ➤ 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 AICTE-QIP approved short term course on “Recent trends in Mobile (Android) Apps Development”, Department of Information Technology Engineering ,FCRIT, Vashi during 24-28 June 2019. | | | | | |

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| | <ul style="list-style-type: none"> ➤ Attended 5 days online STTP on “Recent Trends and Application of Machine Learning and Deep Learning in IT”, organized by RAIT, Nerul on 25th- 29th May2020. ➤ Attended 6 days online “FDP on “R programming”, organized by Department of Information Technology Engineering ,FCRIT, Vashi during 18th – 23rd May 2020. ➤ Attended 3 days online “FDP on “Blockchain technology”, organized by LT college of Engg, Koparkhairane during 17th – 19th June 2021. ➤ Attended 5 days online FDP on “Advanced data structure and analysis”, organized by Department of Information Technology Engineering ,FCRIT, Vashi during 28th June – 2nd July 2021. ➤ Attended 5 days online FDP on “FDP on “Artificial Intelligence and Data Science with Current Trends””, organized by Department of Information Technology Engineering ,FCRIT, Vashi during 3rd Jan – 7th Jan 2022 |
| <p>15.</p> | <p>List of Journal Papers Published</p> <ul style="list-style-type: none"> ➤ Published paper titled “Implementation of GPS enabled carpooling system”, International Journal of Advances in Engineering and Technology ISSN:2231-1963 Volume-1,Issue-5 Nov 2011 ➤ Published paper titled, “A Survey Of Selfish Node Identification Techniques In Mobile Ad Hoc Network” International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN 2349-2163 volume 1 Issue 9, October 2014. ➤ Published paper titled “Intelligent Helmet”, International Journal of Scientific & Engineering Research, (IJSER), Volume 7, Issue 3, ISSN 2229-5518, March 2016. ➤ Published paper titled “MADM approach to select a network in Heterogeneous wireless network” published in IJESC, ISSN 2321 3361 Volume 6 Issue No.10. October 2016. ➤ Published paper titled “Network Selection in Heterogeneous Wireless Environment Using SAW Method” International Research Journal Of Engineering And Technology (IRJET)E-ISSN: 2395 -0056, VOLUME: 03 ISSUE: 10. October 2016. ➤ Published paper titled “Design of Virtual Drive (3D Simulator)”, Published in International Journal of Recent Engineering Research and Development Vol. 02, Issue 05, May 2017. |

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| | <ul style="list-style-type: none"> ➤ Published paper titled, “Authentication by Image Segmentation and Shuffling”, IJCAT - International Journal of Computing and Technology, Volume 4, Issue 12, December 2017. ➤ Published paper titled , “Implementation of Virtual Drive (3D Simulator)” IRJET- International Research Journal of Engineering and Technology(IRJET), ISSN 2395-0056, Volume: 04 Issue: 11 Nov - 2017 |
| 16. | <p>List of Papers Published in National and International Conferences</p> <ul style="list-style-type: none"> • Paper entitled “ Shriek A Role Playing Game Using Unreal Engine 4 and Behaviour Trees”, IEEE Co-sponsored 4 th Biennial International Conference on Nascent Technologies in Engineering, ICNTE-2021, Fr. C. Rodrigues Institute of Technology, Vashi in association with IEEE and IAS. Electronic ISBN:978-1-7281-9061-7 • Paper entitled “ Virtual Manager for Medical Practitioners”, IEEE Co-sponsored 4 th Biennial International Conference on Nascent Technologies in Engineering, ICNTE-2021, Fr. C. Rodrigues Institute of Technology, Vashi in association with IEEE and IAS. Electronic ISBN:978-1-7281-9061-7 • Paper entitled “Wireless Emanation of Braille to Text/voice & Vice versa”, In Soft Computing: Theories and Applications. Advances in Intelligent Systems and Computing, vol 1154. Dec 27-29, 2019. Springer, Singapore. https://doi.org/10.1007/978-981-15-4032-5_37, ISBN 978-981-15-4032-5. • Paper entitled "Colorization of Grayscale Images using Machine Learning" INTERNATIONAL CONFERENCE ON ADVANCED TRENDS IN ENGINEERING (ICATE-2019). • Paper entitled “Video Steganography using IWT Algorithm”, INTERNATIONAL CONFERENCE ON ADVANCED TRENDS IN ENGINEERING (ICATE-2019) • Paper entitled "Android based 3D Modeling of College Campus Using 3Ds Max and Unity 3D", International Conference on Secure Cyber Computing and Communications 2018 (ICSCCC'2018). • Paper entitled “Implementation of Virtual Drive (3D Simulator)” IRJET- International Research Journal of Engineering and Technology Volume: 05 Issue: 02 Feb-2018 • Paper entitled “ Proposed system of Android based Skyscraper 3D Modeling” National Conference on Recent trends in Electronics Communication and Computing. Feb 2018. D.Y. Patil School of Engineering Academy, Pune, India. ISBN-978-93-87665-48-4 • Paper entitled “Design of Virtual Drive (3D Simulator)”, Published in International Journal of Recent Engineering Research and Development Vol. 02, Issue 05, 2017. • Paper entitled “Authentication by Image Segmentation and Shuffling”, IJCAT - International Journal of Computing and Technology, Volume 4, Issue 12, December 2017. • Paper entitled “Intelligent Helmet”, International Journal of Scientific & Engineering Research, (IJSER), Volume 7, Issue 3, ISSN 2229-5518. March 2016 |

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| | <ul style="list-style-type: none"> • Paper entitled “Skin Cancer Detection Using Image Processing” International Conference on Emerging Trends of Technology. Dilkap Research Institute Of Engineering & Management Studies, Neral. 19 March 2015. • Paper entitled “Optimized routing by excluding selfish nodes for MANET”, Communication on Applied Electronics- CAE Foundation of Computer Science FCS, New York, USA. Volume 3-No. 5, November 2015. • Paper entitled “A Survey of Selfish Node Identification Techniques In Mobile Ad Hoc Network”, International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN: 2349-2163 Volume 1 Issue 9 October 2014. • Paper entitled, “RFID Based Bus Monitoring ” National Conference, Fr. C. R. I. T. Vashi, 24, 25 February 2012. • Paper entitled “Implementation of GPS enabled carpooling system” International Journal of Advances in Engineering and Technology ISSN:2231-1963 Volume-1,Issue-5, November 2011. |
| 17. | Books/Reports/General articles etc. |
| 18. | Invited Lectures in FDP/ STTP |
| 19. | <p>International Conference Technical Program Committee Member / Reviewer Reviewer for ICNTE 2015, 2017, 2019, 2021</p> <ul style="list-style-type: none"> ➤ Reviewed papers of the 4th Biennial International Conference on Nascent Technologies in Engineering organized by FR. CRIT Vashi on 27-28 January 2017. ➤ Reviewed papers of the 3rd Biennial International Conference on Nascent Technologies in Engineering organized by FR. CRIT Vashi on 27-28 January 2017. ➤ 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 |