

Somaiya Vidyavihar University

Name: Sangeeta Nagpure		E-mail: sangeetanagpure@somaiya.edu	
Contact No: 9769941313			
Department/Section: Information Technology			
College: K J Somaiya College of Engineering			
DOJ October 23, 2000	Somaiya: Career Experience:30 Yrs	Industry Experience:01Yrs	Teaching Experience:29Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation: NA (Principal/Vice-Principal/ Associate Dean/ HOD etc)	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Software Engineering 2. Modeling and Simulation 3. Business Analytics <p>Courses Delivered</p> <p>Undergraduate courses</p> <ol style="list-style-type: none"> 1. Software Engineering 2. Modelling and Simulation 3. Project Management 4. Data Structures 5. Analysis of Algorithms 6. Data Structures and Algorithms 7. Computer Programming II 8. Object Oriented Analysis and Design 9. Object Oriented Software Engineering 10. Information Security 11. Business Analytics 12. Information and Network Security 13. Software Project Management <p>Post Graduate Courses:</p> <ol style="list-style-type: none"> 1. Object Oriented Analysis and Design 2. Advanced Management Information Systems 3. Software Testing 4. Cryptography and Public Key Infrastructure 5. Law of Data Security and Investigations 6. Secure Software Development 7. Business Analytics

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : No
Details of Recognitions <ol style="list-style-type: none"> 1. Computer Engineering, PG Teacher & Guide, Mumbai University 2. Information Technology, PG Teacher & Guide, Mumbai University 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PG	M.E. (CSE)	Amravati	COE, Badnera (RLY)	2004	66.88%

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UG	BE. (CSE)	Amravati	COE, Badnera (RLY)	1992	73.92%
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Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	KJSCE, Vidyavihar, Mumbai	Faculty, Department of IT	Oct, 2000	Till date	24
2.	COE, Badnera(Rly)	Faculty, Department of Computer Engineering	July, 1997	July, 2000	3
3.	Bandekar College, Panjim	Faculty	June, 1994	June, 1997	3

Research Accomplishments and Projects		
No of students completed PG thesis / Project work as on date: 06	No of students / groups completed UG projects as on date: 42	
Publications Total: 18	Number of Peer review Journal papers: 04	Number of Conference papers: 08
Details of Publications: International Journals <ol style="list-style-type: none"> 1. Parag Pravin Shimpi, Prof Mrs Sangeeta Nagpure, "Decentralized Virtual VAPT Laboratory Model", Global Journal For Research Analysis, ISSN No 2277-8160 Vol:4 Issue:4 , July 15 2. Kaizad Avari, Nimesh Luhana and Sangeeta Nagpure, "Smart Helmet", International Journal of Computer Applications (IJCA) (0975 – 8887) ,May 2015 Edition 3. Parag Pravin Shimpi, Prof Mrs Sangeeta Nagpure, " Penetration Testing : An Ethical way of Hacking ", Global Journal For Research Analysis, ISSN No 2277-8160 Vol:4 Issue:4 ,April 15 4. Prof .Sangeeta Nagpure Sneha Iyer Rushabh Jayesh Kapasi , "Detecto -A Music Search Engine", International Journal of Computer Science and Information Technology Research ISSN 2348-120X(online) Vol. 3,Issue 1, pp:(270-273), Month : January - March 2015 5. Yogita M. Rasal, Sangeeta Nagpure, "Web Application: Performance Testing Using Reactive Based Framework", International Journal of Research in Computer and Communication Technology, Vol 4,Issue 2 ,February -2015 6. Sneha Shelke, Sangeeta Nagpure , " Generation of Strings Test Input from Web using Regular Expression ". International Journal of Computer Application (0975-8887) Volume 99- No .18, August 2014. 7. Sneha Shelke, Sangeeta Nagpure , "The study of various code coverage techniques", International Journal of Computer Trends and Technology (IJCTT)-volume 13 number 1 Jul 2014. 8. Zubiar Mulla, Sangeeta Nagpure, "Classification of IAM Products and Overview of ForgeRock IAM solution", IJERT, Dec 2016 		

9. Priya B Gadgil, Sangeeta Nagpure, "Hunting advanced volatile threats using memory forensics", International journal of advance research, ideas and innovations in technology, 2018
10. Akshita Biyani, Bhoomi Bhanushali, Drishti Jain, Charmi Savla, Sangeeta Nagpure, "Agriventure – Data analytics for farming and agro-businesses", International Journal of Advance Research, Ideas and Innovations in Technology, www.IJARIT.com, June 18, 2021.

Conferences

1. Nagpure S. S., Mali S. N., "Advanced Encryption Standard", INFOSEC 2004. Poster on this paper won a prize.
2. Nagpure S. S., "Speech Compression using Devnagri", INFOSEC 2004.
3. Nagpure S. S., "Speech Recognition using Hidden Markov Model", INFOSEC 2004
4. S. Nagpure and S. Kurkure, "Vulnerability Assessment and Penetration Testing of Web Application," 2017 International Conference on Computing, Communication, Control and Automation (ICCUBEA), Pune, 2017, pp. 1-6. doi: 10.1109/ICCUBEA.2017.8463920
5. Priya Gadgil, Sangeeta Nagpure, " Analysis of Advanced Volatile Threats Using Memory Forensics", 2019 Conference on Technologies for Future Cities (CTFC), ISBN: 978-93-82626-27-5Books/Book Chapters
6. Nagpure Sangeeta, Gandhi, Akshat, Varshney Anurag, Varshney, Bhavna, "Data Leakage Agent Detection in Cloud Computing", 2nd International Conference on Advances in Science & Technology (ICAST) 2019 on 8th, 9th April 2019 (April 8, 2019). Available at SSRN: <https://ssrn.com/abstract=3370757>
7. Sawant Atul, Prabhu Nandana Nagpure Sangeeta, "Securing IoT Using MultiChain", 2nd International Conference on Advances in Science & Technology (ICAST) 2019 on 8th, 9th April 2019 (April 9, 2019). Available at SSRN: <https://ssrn.com/abstract=3370759>
8. Abhishek Potdar, Parva Barbhaya, Sangeeta Nagpure, "Face recognition for attendance system using cnn based liveliness detection", 2022 International Conference on Advances in Computing, Communication and Materials (ICACCM), IEEE

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended

1. Hands-On workshop on, "The cyber Resilience Masterclass", organized by IQAC-SVU and Faculty Engineering and Technology, Mumbai on Sep 23, 2024.
2. ISTE Self Sponsored One Week Faculty Development Program on "Multifaceted Nature of Artificial Intelligence" under CSI Chapter & in association with CleverInsight organized by Department of CSE-Data Science & Computer Science & Engineering, Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur Conducted during 13th May 2024 to 17th May 2024
3. IP Awareness/Training program under National Intellectual Property Awareness Mission on April 06, 2023
4. "National Conference on National Education Policy NEP 2020 Implementation in Maharashtra: Opportunities and Challenges", organized by PERA Pune & SVU, Mumbai on March 30, 2022
5. 3 day certified workshop on, "NAAC for University", organized by IQAC SVU in association with IQAC Cluster of India, 20,21 and 22 July 2022
6. One month FDP, "The Engineering Ethics", Organized By IUCEE, conducted by experts from

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- indo universal collaboration for engineering education (IUCEE) NOV 2021 - JAN 2022
7. One month FDP, "IUCEE Project Management FDP for NEP 2020 Implementation", organized by IUCEE, conducted by Dr.Manu Vora, Business Excellence, Inc. Chicago, USA and Dr.Anil Kumar Agrawal, BHU, Varanasi, July 2021
 8. One day International Webinar on "Intellectual Property: File your Rights on your Own", organized by Shah and Anchor Kachhi College of Engineering, Mumbai , July 21, 2020.
 9. NPTEL 12 week online course on "Data Analytics with Python", Jan 27, 2020 to Apr 17, 2020.
 10. Tech talk on "Heroku", organized by Department of Information Technology on Oct 18, 2019
 11. One day workshop on "Moodle: Learning Management System (LMS)", organized by Department of Information Technology on Sept 20, 2019.
 12. One day training program on "Immunity CANVAS", organized by Department of Information Technology on July 26, 2019.
 13. One week AICTE-ISTE approved STTP on "Hands - on in Blockchain Technology and Cryptocurrency", organized by Department of Information Technology, KJSCE, from July 2-7, 2018
 14. Two week AICTE approved FDP on "Pedagogy for Online and Blended Teaching-Learning Process", conducted by IITB, from Sep 14 to Oct 12, 2017
 15. Two week AICTE approved FDP on "Foundation Program in ICT for Education", conducted by IITB, from Aug 3 to Sep 7, 2017
 16. One week ISTE approved STTP on "Social, Mobile, Analytics & Cloud (SMAC)", organized by Department of Computer Engineering, KJSCE, from Dec 5-9, 2016
 17. Two day FDP on " Security Audit Training ", Organized by KJSCE, Mumbai, conducted by iSec Pvt Ltd., on Dec 2 & 3, 2016
 18. Two day workshop on "Frameworks", Conducted by Department of Information Technology in collaboration with ISTE Teachers Chapter KJSCE(MH103) on March 05 & 19, 2016
 19. Two week ISTE STTP on " Introduction to Design of Algorithms", conducted by IIT, Kharagpur, from April 27 to May 30, 2015
 20. Two week ISTE Workshop on " Introduction to Research Methodologies" from June 25, 2012 to July 04, 2012
 21. Two day ISTE Workshop on "Writing Effective Conference Papers", on February 18-19, 2012
 22. Two – week (5 weekends) ISTE Workshop on "Software Development Techniques, "for Teachers of Engineering and Science Institutes" from November 5, 2011 to December 04, 2011
 23. Five day workshop on project Management from January 14, 2008- January 18, 2008
 24. Three day Workshop on "Software Engineering – A Basic Approach" on 13, 14 and 18 December 2007.
 25. One day Workshop on IT Trends and Challenges on August 30, 2005.
 26. Two day Workshop on System Security on Feb 04, 2004 to Feb 05, 2004.
 27. One week Faculty Development Program on Software Engineering organized by TCS, Andheri from February 19, 2005 to February 23, 2005.
 28. "INFOSEC 2004", held at Indian Merchant Chamber's, Mumbai On May 7, 2004.
 29. "Intel Developer Forum", held in Mumbai on October 28, 2003 and October 29, 2003.
 30. ".NET technology" held at IIT Bombay Powai.
 31. One week training programme on C#.Net, Microsoft India and K J Somaiya College of Engineering, Vidyavihar Mumbai-77.
 32. Two weeks STTP on "C#.Net programming", L. D. College of Engineering, Ahmadabad.
 33. Two week STTP on "Object Oriented Modeling and Design with UML", I. T. W. S. N. D. T. Women's University.

Organized

1. Remote Center Coordinator ,Two week AICTE approved FDP on "Pedagogy for Online and

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- Blended Teaching-Learning Process", conducted by IITB, from Oct 25 to Nov 29, 2018
2. Remote Center Coordinator, Two week AICTE approved FDP on "Foundation Program in ICT for Education", conducted by IITB, from Sep 13 to Oct 18, 2018
3. Convenor, one week ISTE approved STTP on "Digital Security", organized by Department of Information Technology, KJSCE, Mumbai, June 27-July 2, 2016
4. Convenor, one week ISTE approved STTP on,"Internet of Things", organized by Department of Information Technology KJSCE, Mumbai, Jan 4-8, 2016
5. Organizing committee member, One Week I.S.T.E. approved Short Term Training programme on " Tools for Technical Writing", Organized By I.S.T.E. Chapter KJSCE (MH103) May13 –17, 2013
6. Remote Center Coordinator , IIT Bombay ISTE Workshop for “Database Management Systems” Under the National Mission on Education through ICT, MHRD, Govt. of India Dec 13, 2010 to Dec 23, 2010
7. Organized one week in-house workshop on " Core Java " , by Department of Information Technology in association with ISTE chapter KJSCE (MH-103), Mumbai, June 21-25, 2010
8. Five day in-house workshop on “Desktop Linux and aOpen Office.org” for institute level faculty and support staff.
9. Faculty workshop from Dec 14-18, 2009
10. Support staff workshop from Dec 19, 21-24. 2009
11. Course Coordinator, Mumbai University approved Short Term Training Programme on “Manufacturing Processes and Systems: an IT Perspective”, KJSCE, July 06, 2009 to July 10, 2009.
12. Member, organizing committee National conference on “EC2IT”, KJSCE, March 20-21, 2009
13. Three day workshop on “Eclipse” for faculty ,Department of IT and Computer, KJSCE, Jan 07-09, 2008
14. Three day workshop on “Software Engineering – A Basic Approach” on 13, 14 and 18 December 2007
15. Course Coordinator, ISTE approved Short Term Training Programme on “Information and System Security: Today and Tomorrow”, KJ Somaiya College of Engineering from December 05, 2005 to December 16, 2005.

Delivered

1. Nagpure S. S, Nandana Prabhu, lecture on , “The Applications of Probability and Probability Distribution , Sampling in I.T.”, organized as guest lecture by Science and Humanities Department, Faculty of Engineering and Technology, SVU, Mumbai on April 05, 2022
2. Nagpure S. S. “BE Projects documentation”, Department of IT, KJSCOE, Aug 07, 2010
3. Nagpure S. S. “Introduction to JAVA” on June 21, 2010 at in-house workshop on “Programming in Core-JAVA” organized by Department of IT & ISTE Chapter KJSCOE, June 21 to June 25, 2010.
4. Nagpure S. S. “Object Oriented Programming Concepts using JAVA” at workshop on “Programming in Core-JAVA”, Department of IT & ISTE Chapter KJSCOE, June 2010
5. Nagpure S. S. “Introduction to Linux” at workshop on “Desktop Fedora 9.0 and Open Office.org” Department of IT, KJSCOE, June 2010
6. Nagpure S. S. “Open Office Impress” at workshop on “Desktop Fedora 9.0 and Open Office.org”, Department of IT, KJSCOE, June 2009
7. Nagpure S. S. “Software Engineering: A Basic Approach” ISTE Chapter KJSCOE, October 2005

Notable Key Scholastic Achievements

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| 1. | M. E. (CSE), Amravati University, 2004 |
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2.	B. E. (CSE), Amravati University, 1992
3.	Facilitator TAFE (WA), Certified Assessor and Facilitator, Western Australia

Notable Positions and Responsibility	
1.	Criteria VI NAAC Coordinator, SVU, Mumbai-77
2.	Member, Unfair Means Committee, Faculty of Engineering and Technology, SVU, Mumbai-77
3.	Faculty Incharge, College Periodical, KSHITIJ, KJSCE
4.	M Tech Coordinator, INFS, KJSCE, Vidyavihar, Mumbai
5.	HOD, Department of Information Technology, KJSCE, Vidyavihar, Mumbai, Nov 2013 – June 2017
6.	Member HOD, Academic Board, KJSCE, Vidyavihar, Mumbai, 2014-2017
7.	Member HOD , BOS, Department of Information Technology, KJSCE, Vidyavihar, Mumbai ,2014-2017
8.	Associate HOD, Department of Information Technology, KJSCE, Vidyavihar, Mumbai

Date: / / 2024

Signature of Faculty Member