

## Curriculum Vitae



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**Mobile:** +918149094940

**Date of Birth:** 26/08/1975

**Name:** Mrs Swati Abhay Jaipurkar

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### Academic Credentials

Class/ Degree	Specialization	Institution	Univer sity	Year	%	Class
Ph. D.	Remote Sensing	JNEC	MGMU, Chh Sambhajinaga r	Persuing		
M.E.	Data Mining	Govt Engg College , Aurangabad	Dr. BAMU, Chh Sambhajinaga r	2010	67%	First Div
B.E.	CSE	Govt Engg College , Aurangabad	Dr. BAMU, Chh Sambhajinaga r	1996	62%	First Div

**M. Tech. Project:** “CRM Using Decision Tree Algorithm”

**Key Research Areas:** Data Mining, Big Data Analytics, Remote sensing

**Experience**

<b>Sr. No.</b>	<b>Organization</b>	<b>Post</b>	<b>From</b>	<b>To</b>	<b>Years</b>	<b>Months</b>
1	MIT	Asst Prof	02/05/2007	Till		
2	MIT	Lecturer	June-2000	May-2003	3	
3	Govt ITI	Group Instructor	16th June 1997	5 Dec. 1998	1	8

## **List of Courses Taught/Teaching at UG level**

Linux Operating System, Design and Analysis of Algorithm, Linux system Administration, Computer Networks, Big data Analytics, Competitive Programming, Cloud Computing, Data Structures And Numerical Methods , Data ware housing and data Mining, Organization and Management, Active Server Pages, Relational Database Management System , Visual Basic, Theory of Computation, Multimedia Techniques , User Interface Design , Compiler Construction, PHP My SQL, Computer Graphics , Operating Systems

## **List of Courses Taught/Teaching at PG level**

- Optimization Techniques,
- Advanced Compiler Design,
- Advanced Algorithms,
- SoftwareArchitecture,
- Advanced OS,

## **Additional Assignments/Duties**

- Working as Class Teacher.
- Working as Term-work Coordinator
- Working as a Lab In-charge (Software Development Lab).
- Worked as syllabus setter
- Worked as paper setter for Dr. BAMU, Dr. BATU, MGMU,
- Worked as a Under Study (US) for Dr. BAMU Exam.
- Worked as a Chief Conductor for Dr. BATU remedial Exam.
- Worked as an organizing committee member for FDP
- Feedback analysis & Result Analysis Coordinator
- Central Time table Coordinator
- Departmental Time table Coordinator

### **Membership of Professional Bodies**

- Member of Computer society of India.

### **Research Projects/Projects Guided**

NIL

### **Computer/Software Proficiency**

- C++ Programming
- Python
- Oracle
- Red hat

### **Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended**

1. Attended Masterclass Series under IP UTSAV Organized by AICTE and Ministry of Education innovation Cell from 21 April to 26 April 2025.
2. Attended Five Days (25 to 29 Nov 2024) Online Faculty Development Program on “Artificial Intelligence Techniques for Satellite Image Analysis – Matlab & Python Perspective”, Organized by CMR Institute of Technology, Bengaluru.
3. Attended FDP on “Data Expedition” from 1 st to 5th July 2024 Organized BY CSED , MIT Chh Sambhajinagar.
4. Attended 21 days Masterclass on DATA SCIENCE, Pantech from 8 Nov 2023 to 2 Dec 2023
5. Attended 1 Week workshop on “Data Analytics” conducted by CSMSS ,Aurangabad and Dr. BATU , Lonere From 12 June to 16 June 2018.
6. Attended Two-week ISTE STTP on “Introduction to Design of Algorithms” conducted by IIT Kharagpur from 27 April 2015 to 30 May 2015 .
7. Attended 1 day workshop on “BIG DATA” on 9th Aug 2014 at Marathwada Institute of Technology ,Aurangabad.
8. Attended conference on Recent Trends in IT on 28th Feb & 1st March 2014 at Institute of Chartered Accountants of India , Aurangabad.
9. Attended 2 days workshop on “ Mobile Application Development using Android” jointly organized by MIT, Aurangabad and CSI on 5th & 6th December 2013.

10. Attended 3 day FDP on “Faculty and Content development” organized by MIT A and CSI Aurangabad Chapter from 8th July 2013 to 10th July 2013.
11. Attended 2 days seminar on “Model based design and development” organized by CSI Aurangabad chapter from 1 Feb 2013 to 2 Feb 2013
12. Attended 2 Days ISTE Workshop on Aakash for Education (November 10th, 2012 to November 11th, 2012)
13. Attended 10 days ISTE workshop on “Introduction to Research Methodologies” conducted by IIT-Bombay with MIT(E) as remote center from 25th June to 4th July 2012.
14. Attended 5 days STTP on “Research Methodology and Advances in computer Science” organized by CSI and Department of Computer Science and Engg. and Department of Information Technology, MIT ,Aurangabad . From 30th April to 5th May 2012
15. Attended 2 days workshop on “ Research directions in Cloud Computing” organized by Dyanganga Institute of Engg. And research , Pune & CSI From 15/11/11 to 16/11/11.
16. Attended 4 days Training Program on “Mainframe Technology” in MIT , Aurangabad. Organised by Infosys Ltd. From 27 June 2011 to 31 June 2011.
17. Attended International conference on “Computational Intelligence Applications -2011” organized by Sandip Institute of Tech

#### **Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized**

1. Organizing team member for NIELIT “RPA Workshop” From 19 Sept 2024 to 23 Sept 2024 students of Class: TY( A & B ) and B. Tech Final Year (Auto) CSE.
2. Organizing team member for FDP “Data Expedition” From 1st to 5th July 2024 BY CSED , MIT Chh Sambhajinagar.
3. Organized Expert talk on " Plan for Startup, Legal and Ethical Steps", 140 + TY(CSE/ETC/AIDS/CSD/EEE/Mech) students Attended the Expert Talk, dated 25 March 2025, From 10:15 Am to 1:00 PM
4. Organized Technical Talk “TechTrends Unleashed” , Speaker: Dr. Madhuri Joshi, Subject-Matter Expert, Tech Trainer| MCT Id:-993704997 CloudThat., Dated 28Th Feb 2024, 1:15 PM. Around 70 Students of TY (CSE) attended the session.
5. Organized CPR Workshop for TY(CSE) Students on 11th OCT 2023, from 3:00PM to 5:00 PM. Speakers: Dr. Jyoti Kulkarni, Dr. Ashwini Sontakke & Team, Department of Anaesthesiology, GMCH, Chh. Sambhajinagar.
6. Conducted Online workshop on “Cloud Computing” in Dnyanshree Engg College, Satara, dated 15 Dec 2020.
7. Department level C Programming Contest “Blinders Paradise “ For SY CSE Students in March 2010.
8. Workshop on Ajax , JSP, Servlet “ for Final and Pre Final year students in August 2010.
9. “SQL Workshop” for S Y (CSE) students in academic year 2009-10 , Speaker : Prof. Bhupesh Mishra.

### Invited talks delivered

NIL

### Projects, Research Grants and Consultancy

NIL

### Intellectual Property Rights

Sr. No.	Registration Number	Detailed Work	Publication Date
1	L-115976/2022	Literary work in Big Data Analysis: Crossword Puzzle	24/05/2022
2	Design No : 397818-001	Design patent registered on topic "AI-POWERED NETWORK INTRUSION DETECTION SYSTEM"	19 Jan 2024

### List of Research Publications

#### Papers in National/ International Journal

1. Published a paper , “ [Mining Knowledge Using Decision Tree Algorithm](#)” in in international journal IOSR Journal of Computer Engineering (IOSRJCE) ISSN : 2278 Issue 6 (July - A u g 2012) PP 32 – 35 Cited by 5 URL : [www.iosrjournals.org](http://www.iosrjournals.org) [www.iosrjournals.org](http://www.iosrjournals.org) Cited by 5.
2. Published a paper “ Data Leakage Detection : A Survey” , in international journal IOSR Journal of Computer Engineering (IOSRJCE) ISSN : 2278 – 0661 Issue 6 (July - A u g 2012) PP 32 – 35 URL : [www.iosrjournals.org](http://www.iosrjournals.org) [www.iosrjournals.org](http://www.iosrjournals.org)
3. Published a paper “Data Leakage Detection in international journal International Journal of Advanced Research in Computer and Communication Engineering Vol. 1, Issue 9, November 2012 pp 668-678. ISSN (Print) : 2319-5940 ISSN (Online) : 2278-1021 [Cited by 16](#).
4. Published a paper “[Metrics for measuring the quality of object oriented software modularization](#)” in international journal Emerging Trends in Computer Science and Information Technology-2012 (ETCSIT2012) cited by 1.

5. Published a paper “Security and Privacy using Multi-cloud” in International Journal of Current Engineering and Technology 2014 E-ISSN 2277 – 4106, P-ISSN 2347 - 5161
6. Published a paper “A Review on APCC based Fractal Image Compression” in International Journal Of Engineering And Computer Science, Volume 4 , Issue 04, April 2015.
7. Published a paper “Security And Privacy Enhancing Using Multi-cloud ” in Genxcellence Publication 2015-19, Volume 5, Issue 5, ISSN No.: 2319 – 7536, Sept-Oct 2015
8. Published a paper “Mechanism for Image Search with Prediction of Users Intention with Relevant Feedback” in IJSRD - International Journal for Scientific Research & Development| ,2016 | ISSN (online): 2321-0613 ,Volume 4 Issue 5 PP 730-732
9. Published a paper “SeDas: A self Destructing Data System Based on Active Storage Framework” in 4<sup>th</sup> international conference on Engineering Technology and Science held on 30<sup>th</sup> and 31<sup>st</sup> March 2017.
10. Published a paper “ Handwritten character recognition using Neural Network” in Journal of Emerging Technology and Innovative Research (JETIR), September 2022, Volume 9, Issue 9 pp 25-33.
11. [A Literature Survey of Brain Tumor Detection Using Different Deep Learning and Machine Learning Techniques: A Review](#), JOURNAL OF COMPUTING TECHNOLOGIES (JCT) Volume 12, issue 8, August 2023, pp 1-7
12. BRAIN TUMOR'S DETECTION USING DEEP LEARNING BASED ON MODIFIED RESNET MODE , Journal of Emerging Technologies and Innovative Research (JETIR), Volume 11, Issue 1 January 2024, Pp h75-h81  
 Publisher : <https://www.jetir.org/papers/JETIR2401708.pdf>

### Papers in International Conferences Proceedings

### Books/ Book Chapter

NIL

### NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
Jan 23	April 23	8	“NATE ”	65	

Jan 21	April 21	12	“Data Analytics with Python ”	70	
Sept 2020	Nov 2020	12	“Big data Computing ”	72	
Feb 2020	Apr 2020	8	“Introduction to Blockchain Technology and Applications”	73	
Jan- 20	Apr 2020	4	“Effective Engineering Teaching In Practice” on SWAYAM platform (swayam.gov.in)	83	
15 Jul 2019	01 Nov 2019	15	“Academic Writing”	85	
Aug 2019	Sep 2019	4	“Python for Data Science”	66	

### Awards, Achievements and Recognition

- **Red Hat Certified System Administrator (RHCSA) 26 Aug 2024**

Date: 30/12/2025

Place: Chh. Sambhajinagar

