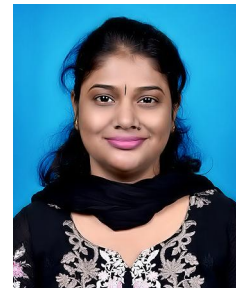| Name	**Ms. Swati Powar** **B.E.(CSE), ME(Computer Engineering)**
Designation	Assistant Professor
Department	I.T.
Date of Joining the Institute	28/04/2007
Education	B.E.(Computer Science Engineering)-2004 M.E.(Computer Engineering)-2017
Branch / Specialization	Computer Engineering
Areas of Interest	Big Data, Machine Learning, Natural Language Processing, Data Mining
Email	Swati.powar@famt.ac.in

Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	**From 28/04/07 to till date**	**Assistant Professor**

Total Experience – 16 Years

Students projects Guided at Undergraduate Level

1. Named Entity Recognition derived from Tweet Segmentation
2. Data Security in cloud storage using ECC Algorithm
3. Hand written digit recognition
4. Credit card fraud detection

Papers Published

Papers Presented/Published in National / International Journals – 15

International Journals –15

1. Swati Powar,, Prof. Priyanka Bandagale "**Classification of tweets as normal or hate tweet using combination of XGBoost algorithm and word to vector embedding ",** NOVYI MIR Research Journal,Volume 8, Issue 3, March 2023

2. Prof. Priyanka Bandagale,Swati Powar,,"**Web Structure Mining Using Breadth First Search With Pagerank"** ,International Journal of Creative Research and Thoughts (IJCRT), Volume 11, Issue 2, Feb 2023

3. Swati Powar, "**Handwritten digit Recognition system"** International Journal of Creative Research Thoughts (IJCRT),Volume 10, Issue 4, April 2022

4. Swati Powar, "**Prediction of covid 19 outbreak using Machine Learning" ,**International Journal of Creative Research Thoughts (IJCRT),Volume 10, Issue 4, April 2022

5. Prof. Swati Powar Renuka Shirke , Manal Surve ,Pradnesh ShitapCREDIT CARD FRAUD DETECTION IN R,"International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)", Volume 9, Issue 12, December 2020

6. S. A. Powar and M. . Tupsakhare and S. . Shaikh and S. . Sawant, **"Review Paper on Call Center Sentiment Analysis,"***Journal of Emerging Technologies and Innovative Research,* vol. 6, no.4, pp. 427 - 425, 4-2019

7. S. A. Powar and A. . Singh and A. . Patil and S. . Desai, **"Review Paper On Health Care Decision Support System For Disease Prediction ,"***Journal of Emerging Technologies and Innovative Research,* vol. 6, no.4, pp. 590 - 593, 4-2019

8. S. A. Powar and A. . Hatwadkar and T. . Bhatkar and N. . Shinde, **"Data Security in cloud storage using ECC Algorithm,"***International Journal of Research in Science & Engineering ,* vol. 1, no.6, pp. 282 - 290, 3-2017

9. S. A. Powar and S. . Shinde, **"Study Of Analysing Implicit Relationships In Multiplayer Online Games,"***International Journal of Latest Trends in Engineering and Technology,* vol. 6, no.4, pp. 1 - 2, 3-2016

10. S. A. Powar and C. . Dsoza and S. . Kazi and S. . Vishwakarma, **"Named Entity Recognition derived from Tweet Segmentation,"***International Journal of Research in Science & Engineering,* vol. 1, no.7, pp. 233 - 235, 03-2017

11.   S. A. Powar and P. J. Ghume and M. S. Chavan and E. . Sawant, **"Biometrics based remote user authentication for E-voting system,"***Journal of Emerging Technologies and Innovative Research,* vol. 5, no.10, pp. 748 - 750, 10-2018

12. S. A. Powar and . . Kadam and T. . Salvi, **"Twitter Sentiment Analysis for Classifying Hate Tweets and Normal Tweets Using Logistic Regression and Naive Bayes Algorithm,"***Journal of Emerging Technologies and Innovative Research,* vol. 5, no.10, pp. 371 - 373, 10-2018

13.   S. A. Powar and P. . Ghume and M. . Chavan and E. . Sawant, **"Design and Implementation of User Validation System using Fingerprint recognition,"***Journal of Emerging Technologies and Innovative Research,* vol. 6, no.4, pp. 271 - 275, 04-2015

14. S. A. Powar and . . Parab and S. . Panchal and S. . Parkar, **"SENTIMENT ANALYSIS ON PRODUCT REVIEWS,"***Journal of Emerging Technologies and Innovative Research,* vol. 6, no.4, pp. 427 - 429, 04-2019

15. S. A. Powar and P. . Abhyankar, **"Big data: Trends and Challenges ,"***Asian Journal of Convergence in Technology,* vol. 2, no.3, pp. 1 - -2, 03-2016

Papers Presented/Published in National/ International Conferences – 09

International Conferences – 08

1. **'Understanding Implicit Play Relationships in Multiplayer Online Games**' in Proc. of International Conference On Emerging Research trends In Applied Engineering and Technology (**ICERAT-2016**), March 2016.

2. **'Developing an Android App for Easy and Quick Conveyance of Information**' in Proc. of International conference on Emerging Research trends In Applied Engineering and Technology **(ICERAT-2016)**,March 2016.

3. '**Named Entity Recognition derived from Tweet Segmentation**' in Proc. of International Conference on Emanations in Modern Technology and Engineering **ICEMTE,March 2017**.

4. '**Data Security in cloud storage using ECC Algorithm**' in Proc of International Conference on Emanations in Modern Technology and Engineering **ICEMTE,March 2017**.

5. **'Named Entity Recognition and Tweet Sentiment Derived from Tweet Segmentation using Hadoop**' Presented in **IEEE Conference**, MGM's Jawaharlal Nehru Engineering College, Aurangabad, **ICISIM-October 2017**. **Paper Published on IEEE Xplore,** Pages: 194-198.

6. "**Sentiment Analysis on Product Reviews**" in Proc. of International conference International Conference on advanced trends in Engineering (ICATE 2020)

7. "**Healthcare Decision Support System For Disease Prediction**" in Conference proceedings of International Conference on advanced trends in Engineering (ICATE 2020)

8. "**Prediction of covid 19 outbreak using Machine Learning**" in Conference proceedings of International Conference on Communication and Computing 2022 (ICCC-2022),

9. "**Handwritten digit Recognition system**" in Conference proceedings of International Conference on Communication and Computing 2022 (ICCC-2022),

National Conferences – 01

1. **'Big data: Trends and Challenges'** in Proc of 2nd national conference on Recent advances in science & Technology **(RAST-2K16**),Feb 2016.

Number of Workshops, Seminars, STTPs, FDPs Attended – 08

STTPs and FDPs

1. Attended **one day workshop** on **'Latex : A document Preperation System'** at Finolex Academy of Management &Technology, Ratnagiri on 24th March, 2017.

2. Completed **Faculty Development Program (FDP)** on **"Career Opportunities and Self Dependence"** organized by ITSA and Lemures Technologies on 23rd September 2016.

3. Attended one week ISTE STTP on 'Open Source Solutions in Teaching Learning Process ' at Finolex Academy of Management &Technology, Ratnagiri from 24th June 2019 to 28th June 2019

4. Attended three days online workshop on **"Education 4.0"** organised by IQAC, Atharva College of Engineering held from 28th to 30th April 2020.

5. Attended one week online FDP on " **Usage of Technology in Covid 19**" organised by Department of Information Technology, Terna College, navi Mumbai, held from 28th May 2020 to 2nd June 2020 .

6. Attended 5 days National Online Faculty Development Program on " **Artificial Intelligence"** organized by Department of Information Technology, Universal College of Engineering under IQAC in collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during 22nd May 2020 to 26th May 2020.

7. Attended Two days FDP on **"NBA Preperation"** Organised by Department of Electronics and Telecommunication , Finolex Academy of Management and Technology from 5th March 2020 to 6th March 2020.

8. Attended the Online Webinar on **"Cyber Crime Awareness Amid Lockdown"** organised by Department of Computer Engineering, Sandip Institute of Engineering and Management on 18th May 2020.

9. Attended "3 Days of FDP Program on **"Learn DevOps"** from 26th June to 28th June,2020 Organized by Department of Information Technology of K.C.College of Engineering & Management Studies & Research, Thane

10. Attended one-week online STTP on **Blockchain & It'S Applications** under the guidance of VESIT IQAC & VESIT IIC. From 29th March 2021 to 3rd April 2021.

11. Attended Online FDP on **"Block chain"** from 14 th December 2020 to 18th December 2020 at Bharati vidyapeeth college of engineering.

12. Attended Online Elementary FDP on **"Online FDP on Next Generation Databases"** from 1st June 2021 to 5th June 2021 at Bhilai Institute of Technology, Durg.

13. Attended 6 Days National Faculty Development Program on **"MultiTechnology"** organized by Department of Information Technology, Universal College of Engineering under ITSA and IQAC in collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during 28th June 2021 to 3rd July 2021.

14. Attended Online Training Programme on **"NBA Accreditation Process"** conducted by National Institute of Technical Teachers Training and research, chennai.

15. Attended One week ISTE approved STTP on "**Recent Trends Information Technology**" held during 16th May 2022 to 20th May 2022 organized by Finolex Academy of Management & Technology, Ratnagiri, Maharashtra.

16. Attended Faculty Orientation Program on **Devops lab and Advanced Devops Lab** Held on 6th july 2021 organised by Department of Information Technology , Thadomal sahani engineering college, Mumbai.

17. Attended ISTE Approved One Week Online FDP on **AI Algorithms and Applications in Healthcare**, organized by Department of Electronics and Telecommunication Engineering, FAMT, Ratnagiri from 19th June to 23rd June 2023.

18. Attended ISTE Approved One week STTP on "**Advancements in Cryptography,Blockchain and Cryptocurrency**" held during 05th December 2022 to 16th December 2022 organizedby Finolex Academy of Management and Technology, Ratnagiri, Maharashtra.

Conferences and Seminars

1. Attended 2nd **National Conference** on **Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17th to 18th February 2016

Two Week or One Week Workshops

1. **One week Workshop** on **'Funding Schemes available for Research Proposal'** organized by RDCC cell, FAMT, 13 Feb to 23 April 2016.

2. Attended **ISTE workshop** on **'Computer Programming'** conducted by **ISTE and IIT, Bombay** at Finolex Academy of Management &Technology, Ratnagiri from 21st April to 26th April, 2014

Workshops

1. Attended a **3 days workshop** on **Android App & Game Development** Fundamentals held from 11 July to 13 July 2012, organized by FAMT,Ratnagiri.
2. Attended **two days ISTE workshop on Akash for education** conducted by **IIT Bombay** from 10th Nov to 13th Nov.
3. Attended **One day workshop** on **'Quality Education in Engineering and Technical Institution'** at Finolex Academy of Management &Technology, Ratnagiri on 24th January, 2009.

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

College Exam Duties

1. Worked as a **Senior Supervisor 2**, **Mumbai University examinations held in May-2013**, at FAMT, Ratnagiri.

Other Experience

College Level Committees

1. Working as a **Departmental Co-Coordinator For RDCC Committee** Finolex Academy of Management and Technology, Ratnagiri

2. Working as a **Member For Anti Ragging Committee** Finolex Academy of Management and Technology, Ratnagiri.

3. Working as a **Member For Committee for SC/ST** Finolex Academy of Management and Technology, Ratnagiri\

4. Worked as departmental organizing **committee member** in 2nd National Conference on **"Recent Advances in Science and Technology"**

5. Working as a department coordinator for **NAAC Criteria III committee**

6. Worked as a **Co-ordinator for Avishkar 2016-17: A State Level Research Convention**

	Subjects Taught		
Sr. No.	**Name of the Subject**	**Year/Branch/Semester**	**Experience**
1	Database Management System	SE-IT(Sem-III)	06
2	Data Structure and Algorithm Analysis	SE-IT(Sem-III)	02
3	Advanced Database Management System	TE-IT(Sem-V)	03
4	AI and Data Science-1	TE-IT(Sem-VI)	02
5	DevOps Lab	TE-IT(Sem-V)	03
6	SQL Lab	SE-IT(Sem-III)	04
7	Data Science using Python Lab	TE-IT(Sem-VI)	03
8	Python Lab	SE-IT(Sem-IV)	01
9	Object Oriented programming Lab	SE-CSE(Sem-III)	01