

Name **MRS. PRIYANAKA LESLIE FERNANDES**
M.E. (Computer)

Designation Assistant Professor

Department Information Technology

Date of Joining the Institute 01/12/2008

Education Bachelor of Engineering I.T. 2008
Master of Engineering Computer 2016

Branch / Specialization Information Technology

Areas of Interest Software Testing, Project Management, Networking, database system.

Email Priyanka.bandagale@famt.ac.in
priyabandagle@gmail.com



Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 1/12/2008 to till date	Assistant Professor

Total Experience – 10 Years

Awards / Honors / Prizes

1. Completed Cisco Networking Academy® Cybersecurity Essentials May 2022
2. Completed NPTEL 4 week course on **"Effective Engineering Teaching in Practise"** with score **90%.** Feb 2020.
3. Completed Microsoft Technology Associate for **"Introduction to Programming using JavaScript"** April 2019.
4. Completed Microsoft Technology Associate for **"Security Fundamentals"** March 2018.
5. **Secured Elite Grade** in four Week NPTEL online course on **'Outcome based pedagogic principles for effective teaching'** Conducted by IIT Kharagpur ICT from 12th August to 07th October 2018
6. **Secured Elite Grade** in Eight Week NPTEL online course on **'Introduction to Cloud Computing'** Conducted by IIT Kharagpur ICT from 12th August to 07th October 2017

Students projects Guided at Undergraduate Level

1. **Object Detecting Artificial Intelligence (ODAI)** (Abhijit kavathankar, Prathmesh Manjrekar, Abhishek Kamble)
2. **A Machine Learning Framework for Domain Generation Algorithm Based Malware Detection** (Juweriya Khalid Solkar, Daniya Zaheer Solkar)
3. **Forum Focused Crawler** (Neha Sawantdesai, Rakshanda Paradkar, Piyusha Shirodkar)
4. **Automatic Door Locking system** (Neelam Majgaokar, Ruhina Hodekar)
5. **APPSECURE- Android Malware Detection by Network Traffic analysis)** (Vanshree Kubal, Priyanka Karekar)
6. **Efficient Two server Password only Authentication by Key Exchange.** (Juvil Palkar, Pooja Powar, Smruti Hande).

Papers Published

Papers Presented/Published in National / International Journals - 12

International Journals – 12

1. paper titled **"Web Structure Mining Using Breadth First Search with PageRank"** published in IJCRIT, (ISSN: 2320-2882) Volume 11, Issue 2 February 2023.
2. paper titled **"Classification of tweets as normal or hate tweet using combination of XGBoost algorithm and word to vector embedding"** published in NOVYI MIR Research Journa (ISSN NO: 0130-7673) March 2023.
3. Paper titled **"Object Detecting Artificial Intelligence (ODAI)"** published in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), (ISSN 2319-8753 p- ISSN 2320-6710) March 2021.
4. Paper titled **"A Machine Learning Framework for Domain Generation Algorithm Based Malware Detection"** published in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), (ISSN 2319-8753 p- ISSN 2320-6710).
5. Paper titled **"Smart paper calendar for regular and visually impaired users"** published in International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences (ISSN 2349-7300)

6. Paper titled "**Applying Machine learning approach for Health care services**" published in International Journal of Emerging Technologies & Innovative Research (ISSN 2395-1052)
7. Paper titled "**Digital Notice Board using GSM Module**" published in International journal for science and advance research in technology (iJASART) (ISSN 2395-1052)
8. Paper titled "**Forum Focused crawler**" published in International journal for science and advance research in technology (iJASART) (ISSN 2395-1052)
9. Paper titled "**A Survey on Digital Notice Board**" published in International Journal of Innovations & Advancement in Computer Science (IJIACS) (ISSN 2347-8616)
10. Paper titled "**Survey on Effective Web Crawling Techniques**" published in International Journal of Communication & Media Science. (IJCMS) (ISSN 2347-8527)
11. Paper titled "**APPSECURE Android Malware Detection by Network Traffic Analysis**" published in International Journal of Research in Science & Engineering (IJRISE).
12. Paper titled "**Relative analysis of Ontology based mining and mining using side-information**" published in ASIAN JOURNAL OF CONVERGENCE IN TECHNOLOGY (AJCT ISSN: 2350 - 1146).
13. Paper titled "**Enhancing Text mining using ontology based Similarity Distance measure**" published in International Journal of Innovations in Engineering Research and Technology (ISSN: 2394-3696)
14. Paper titled "**Automatic Door locking System**" published in International Journal of Engineering Development & Research (IJEDR), (ISSN 2321-9939).
15. Paper titled "**Supervised Web Forum Crawling**" published in International Journal of Engineering Development & Research (IJEDR), (ISSN 2321-9939).
16. Paper titled "**A Review of web forum crawling Techniques**" published in International journal of engineering and computer science (ISSN 2319-7242)

Papers Presented/Published in National/ International Conferences - 06

International Conferences – 12

1. Presented paper on **A Machine Learning Framework for Domain Generation Algorithm (DGA) Based Malware Detection**, At ICSMDI 2021.
2. Presented paper on **Object Detecting Artificial Intelligence (ODAI)**, At ICSMDI 2021.
3. Presented Paper on **Data Analytics on Columnar Databases in Big Data Environment in International Conference on Intelligent Computing & Networking (IC-ICN-2020)**.

4. Presented paper on **DETECTING MOBILE MALICIOUS PAGES IN REAL TIME** at 4th International Conference on Advanced Trends in Engineering (ICATE-2020).
5. 9. Presented paper on **Gate Pass Inward and Outward System for J.K. Files** at International Conference on Novelty in Applied Science, Engineering and Technology (**ICNAET- 2020**).
6. Presented paper on Smart Calendar 3rd International conference on Advanced Trends in Engineering (ICATE-2019) Datta Meghe college, Airoli.
7. Paper presented titled **"Security in Online Payment System"** in one day International Conference on Emerging Trends in Science, Engineering, and Management) ICETSEM-2018), Mahratta Chamber of commerce Industries & Agriculture, Pune, on 14 Oct 2018
8. Paper presented titled **"Web Forum Crawling using Text- Based Filters"** in Two day International Conference on Power, Control, Signals & Instrumentation Engineering (ICPCSI-2017) organized by Saveetha Engineering college, Chennai, Tamilnadu, on 21-22 Sep 2017
9. Paper presented titled **"Enhancing Text mining using ontology based Similarity"** in Two day International conference on Computing, Communications and Energy System (ICCCES-2016) on organized by RIT, Islampur, on 29th-30th January 2016.
10. Paper presented titled **"Efficient Two server Password only Authentication by Key Exchange"** Two day International conference on Emanations in Modern Technology & Engineering (ICEMTE- 2017) by L. R. Tiwari college, Mira Road, University of Mumbai on 6th September 2017.
11. Presented Paper on **Security in Online Payment System** at ICETSEM-2018.
12. Presented Paper on **Barcode based Library footfall analysis** at ICETSEM-2018

National Conferences – 02

1. Paper presented titled **"Relative analysis of ontology based mining & mining using side information"** at 2nd National Conference on Recent Advances in Science and Technology (RAST) organized by Finolx Academy of Management and Technology, Ratnagiri on 17th and 18th February 2016.

Paper Published in Proceeding of **Conference ISBN: 978-93-83046-31-7**

2. Paper presented titled **"Semantic Precision and Recall for ontology based Mining"** at 3rd National conference on Innovations & Advancements in Information Technology (NCIAIT 2016) organized by SIES, Nerul, Navi Mumbai on February 2016.

Paper Published in Proceeding of **Conference ISBN: 978-81-925114-8-1**

Number of Workshops, Seminars, STTPs, FDPs Attended – 12

STTPs and FDPs

1. Attended ISTE **STTP** on "**Recent Trends Information Technology**" conducted by ISTE , IT Department, FAMT from 16/05/2022 to 20/05/2022.
2. Attended 1 week ATAL FDP on **Blockchain Analytics** and Big Data- The Future of Business Process" Dec 2021.
3. Attended **ATAL FDP** on **Best Teaching Learning and Assessment Practices in Computer Science/Information Technology based on National Education Policy (NEP)**" from 05/07/2021 To 09/07/2021.
4. Attended **ATAL FDP** on **Best Teaching Learning and Assessment Practices in Computer Science/Information Technology based on National Education Policy (NEP)**" from 05/07/2021 To 09/07/2021.
5. Attended **ATAL FDP** on **Future databases** from 01/06/2021 To 05/06/2021.
6. Attended **ATAL FDP** on **Cyber Security vulnerabilities and safeguards** from 07/12/2020 to 11/12/2020.
7. Attended 1 week AICTE-ISTE approved **STTP "Outcome Based Education & NBA"** from 29 June to 03 July 2020.
8. Attended one Week **ISTE STTP** on '**Designing IoT based applications for smart cities**' organized by Department of Information Technology, FAMT, Ratnagiri from 29th Jan 2018 to 2nd Feb 2018.
9. Completed **Faculty Development Program (FDP)** on "**Introduction to machine learning**" organized by IIT Khargapur on 16th to 17th December 2017.
10. Completed **Faculty Development Program (FDP)** on "**Career Opportunities and Self Dependence**" organized by ITSA and Lemures Technologies on 23rd September 2016
11. Attended Two Week **ISTE STTP** on '**Technical Communication for Scientists and Engineers**' Conducted by IIT Bombay under the National Mission on Education through ICT (MHRD) from 8th October to 5th December 2015.

Conferences and Seminars

12. Attended **1st International Conference on Communication and Computing 2022 (ICCC-2022)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17th to 18th February 2022.
13. Attended **International seminar** on "**Intelligent computing for future Internet**" organized by Government college of Engineering, Karad from 19th to 20th January 2018.

14. 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.
15. Attended **First Training program for Extension Teachers & Student Managers** organized by C. K Thakur College, New Panvel on 04/08/2017.

Two Week or One Week Workshops

16. Attended 2 week workshop on **SQL for Business Analytics** BY TURNIP
17. Attended **One Week Workshop** on **"Funding Schemes Available for Research Proposals"** Organized by Research Development and Consultancy cell (RDCC) of Finolex Academy of Management and Technology, Ratnagiri from 13th February to 23rd April 2016
18. Attended **Two Week ISTE workshop** on **'Database management systems'** Conducted by IIT Bombay under the National Mission on Education through ICT from 21st to 31st May 2013

Workshops

19. Attended one day Faculty orientation Program on **Mini-Project 2A A Web based System**, July 2021.
20. Attended webinar on **NAAC: Systematic Data Organization and Presentation"**, May 2020.
21. Attended one day Faculty orientation program on **"Advance Data Management Technology and OLAP Lab"** organized by, Vivekananda Education Society, Chembur, Mumbai.
22. Attended 2 Day **ISTE Workshop** for Teachers on **"Aakash for Education"** Conducted by IIT Bombay under the National Mission on Education through ICT from 10th to 11th November 2012
23. Attended 2 week National Level Workshop on **"ISTE STTP on Technical Communication"** Conducted by by IIT Bombay through ICT, from 8th October to 5th December 2015.
24. Attended one day workshop on **"Total Quality Management in Technical Education"** organized by ISTE local chapter FAMT, Ratnagiri on 24th January 2009

Course Outreach Programs

Conducted Seminar on the subject “Pros and cons of Mobile” on 13th October 2018 at Z. P School Mhamurwadi, Majgaon, Ratnagiri.

Professional Membership

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

College Exam Duties

1. Worked as a **Senior Supervisor** of **Second Half of 2012 Winter Exam.**
2. Worked as a **Senior Supervisor** of **Second Half of 2017 Winter Exam.**

Other Experience

College Level Committees

1. Working as a department coordinator for **NAAC Criteria 6 committee.**
2. Working as a Departmental **Project coordinator** from 2019.
3. Working as a **Member** of Mentor-ship **committee from 2015.**
4. **Worked as a Departmental Time-Table coordinator from 2016 to 2019**
5. Worked as departmental organizing **committee member** in 2nd National Conference on **“Recent Advances in Science and Technology”**
6. Worked as a department coordinator for **NAAC Criteria 2 committee**
7. Working as a **member** for **Department of Life-Long learning Extension** from 2016
8. Worked as **Teacher in charge** of **ITSA (Students association of IT)** 2015 to 2019
9. Worked as organizing committee member for **Inter- Collegiate Cross Country Races- 2016-17** organized by **Finolex Academy of Management & Technology.**

Judge Panel / Staff Selection Committee / Subject Expert

1. Selected as a reviewer for Advances in Science, Technology and Engineering Systems Journal (ASTESJ(ISSN: 2415-6698))
2. Worked as a **Judge** for **Technowaves 2k12 A National Level Technical Paper Presentation competition** organized by Finolex Academy of Management and Technology, Ratnagiri on 15th March 2012
3. Worked as a **Judge** for Debate competition organized by **Brainwaves2k13** of **at Finolex Academy of Management & Technology** on 4th March 2013
4. Worked as a **Judge** for **Technical Paper presentation** competition organized by **Brainwaves2k17** of **at Finolex Academy of Management & Technology** on March 2017

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Enterprise Network Design	BE IT (Sem - VII)	2 years
2.	Ethical Hacking and forensics	TE IT (Sem - VI)	3 Years
3.	Software Engineering	TE IT (Sem - V)	3 Years
4.	Big Data Analytics	BE IT (Sem - VIII)	3 Years
5.	Computer Networks	SE IT (Sem - IV)	4 Years
6.	Software Project Management	BE IT (Sem - VII)	4 Years
7.	Software Testing & Quality Assurance	BE IT (Sem - VIII)	3 Years
8.	Database Management System	SE (Sem - III)	3 Years