

Mrs. GARIMA TRIPATHI

Assistant Professor

Department of Computer Science and Engineering
Fr. Conceicao Rodrigues College of Engineering
Bandra, Mumbai-400050
(Mobile:09869695897)
Email:garima@fragnel.edu.in

Name : Mrs. Garima Tripathi

Qualification : M.E.(Electronics Engineering),MumbaiUniversity in 2015.
B.E.(Electronics Engineering),Mumbai University in 2003.

Designation : Assistant Professor

Institute : Department of Computer Science and Engineering
Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai,India.

Membership : ISTE Lifetime Membership

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|-----------------------|--|---------------------|--------|
| Dateof Birth: | 28 th August 1981 | Gender: | Female |
| MaritalStatus: | Married | Nationality: | Indian |
| VIDWAN ID: | 323713 | | |
| EMAIL ID: | garima@fragnel.edu.in | | |

Correspondence address: 7D Badrinath, Anushaktinagar, Mumbai-400094

PROFESSIONAL EXPERIENCE

Total Teaching Experience: **21yrs**

- **2004–till Date Fr.Concecio Rodrigues College of Engineering,Mumbai**
Designation: Assistant Professor (Selection Grade AGP- 8000)
2022-2024: Assistant Professor in Artificial Intelligence & Datascience
Department
2005-2021: Assistant Professor in Information Technology
Department
2004–2005: Lecturer in Electronics Department
- **Dec-Mar 2004:Terna Polytechnic college, Kopar Khairane**
Designation: Lecturer

EDUCATIONAL QUALIFICATIONS:

2010

M.E(Electronics Engineering)from Fr.C.R.C.E, Mumbai University.*(Distinction)*

2003

B.E(Electronics Engineering)from SAKEC, Mumbai University.*(First Class)*

ADMINISTRATIVE RESPONSIBILITIES:

1. **Program coordinator** for Department of AI&DS/I.T(Since 2017-18)
2. **Member of DQAC**, CSE Department
3. **NAAC Coordinator**, coordinated NAAC criteria 5
4. **Contineo coordinator** of the department.
5. **Coordinator** of Cultural Festival –EUPHORIA in the year 2022-23,2023-24,2024-25,2025-26.
6. **Convener(Hindi Section)** of College Magazine – FRAGMAG Team in the year 2016-17.
7. **Coordinator–Technical Committee**-International Conference ICAC 3 2022

8. **Coordinator–Inauguration Committee** in ICAC3’16, ICAC3’17.
9. **Coordinated** five days FDP on “Faculty Patent Development Program” from 31st July to 4th August 2024.
10. **Coordinated** 1 day SDP on “Advances in Cloud Computing” on 20th March 2025.
11. **Coordinated** 1 week FDP on “Big Data Analytics from 3rd Dec to 7th Dec 2016.

RESEARCH GRANTS:

Mumbai University Granted projects under Minor Research Grant(MRG)scheme:

1. Project Title: Home Automation using Artificial Intelligence
Role: Principal Investigator

Amount Granted: 20000/-

Year: 2016-17

Status: Completed
2. Project Title: Driver Activity Monitoring and Warning System
Role: Principal Investigator

Amount Granted: 20000/-

Year: 2018-19

Status: Completed
3. Project Title: Smart Cradle
Role: Co- Investigator

Amount Granted: 20000/-

Year: 2018-19

Status: Completed
4. Certified Entrepreneurship Educator awarded to for proficiency in entrepreneurship education ,with core ability to train ,inspire and motivate innovation and entrepreneurship amongst students of higher education by Wadhvani Foundation.

PUBLICATIONS:

1. Garima Tripathi, Dr.Jagruti Save, "An image processing and neural network based approach for detection and classification of plant diseases",International journal of computer Engg & Technology.
2. Andre ,Trisha,Garima Tripathi,"Imaginate:A Generative AI Approach using Segmentation for image modification",International Conference on ICT sustainable development ,March 2025.
3. Mareena Fernandes,Saloni Khanna,Leandra Monteiro,Anu Thomas,Garima Tripathi,"Bitcoin Price Prediction", International Conference on Computing,Communication&Control(ICAC3 2021).
4. Mohit Pansare,Gladys,Rhea Bhalekar,Garima Tripathi,"Development of a tool for quick result analysis",International Journal of Innovative Science and Research Technology,2023.
5. Recommendation system for supermarkets
6. Contactless Attendance system,Springer
7. Driver Activity monitoring using Mobilenets,Springer
8. Music Genre classification using neural networks,Mukt Shabd Journal
9. Calorie Tracker using CNN,Purakala
10. Aadhar Voting System,Alochana Chakra Journal
11. Garima Tripathi,Shweta Wahane,Delzad Bamji,"Development of an AI powered Digital Platform for Investment Management",International journal for research in Engineering Application and Management,Nov 2019.
12. IOT based Smart Irrigation System
13. LPG leakage Detection System,IJRASET
14. Mrs.Garima Tripathi,Dr.Jagruti Save,"Review on color and texture feature extraction techniques", International Journal Research in Management & Computer Applications.
- 15 Mrs.Garima Tripathi,"DAC interfacing with 8051",International Journal of Research in Advent Technology.
16. "Home automation using Raspberry Pi",IJCET
17. "Home Automation System Using Artificial Intelligence, IJRASET

FDP/WORKSHOPS ATTENDED:

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| Effective Teaching Methodologies by Mission 10x, Wipro at Fr.C.R.C.E. |
| Software Development using UML 2.0 at Fr.C.R.C.E |

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| Robotics and its Applications at Fr.C.R.C.E |
| Digital Image Processing With Matlab Sessions |
| Advanced Internet Technology |
| Internet of things |
| Life Balance :To Overcome Stress Through Yogic Techniques |
| Internet of Things using Arduino and Raspberry Pi |
| Machine learning for image,video,audio analysis &IoT |
| Internet of Things under ATAL |
| AI for Everyone |
| Covid-19 Contact tracing |
| Machine Learning and Artificial Intelligence |
| Security issues and role of cryptography |
| Machine Learning and Artificial Intelligence |
| Innovation Ambassador Training Initial and Advanced level |
| Faculty Patent Development Program |
| Atal Fdp on Waste management using AI. |
| Fdp on Quantum Computing |

AREA OF INTEREST

1. Internet of Things
2. Computer Architecture

INTERACTION WITH OUTSIDE WORLD:

- **Judge** for National Level project Competition-Innovex.
- **Resource Person** for expert lecture on "Innovation and Entrepreneurship at Saboo Siddik College of Engineering.
- **Reviewer** for International Conference on Communication, Computing and Emerging Technologies-IC3ET 2026(IEEE Conference Record#64989)

UNIVERSITY APPROVAL:UG- CONCOL/SA/4155/2009