

**Name** MR. AMAR R. PALWANKAR  
B.E.(CSE).M.Tech.(CSE),PhD Pursuing in IT

**Designation** Assistant Professor

**Department** INFORMATION TECHNOLOGY

**Date of Joining the Institute** 13/12/2007

**Education** B.E. (Computer Science & Engineering) ,2006  
M.Tech.(Computer Science & Engineering),2014  
PhD Pursuing in Information Technology

**Branch / Specialization** Information Technology

**Areas of Interest / Research Interest** Web Development, Machine Learning, Deep Learning,Data Science,Internet of Things

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#### Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 13/12/2007 to till date	Assistant Professor
Total Experience – 16 Years		

Patents Granted / Published / Filed - 01

#### Patent Published / Filed – 01

1. **“Multi-stage randomized SALT technique for confidentiality in IoT devices”**, Utility model No. 20 2023 104 060, Intellectual Property Germany (Status: Published Aug -2023)

### Research Grant Received- 01

1. Received NVIDIA Jetson Nano-2GB GPU hardware from NVIDIA under “**NVIDIA Jetson Nano 2GB Grant Program**” in **AY 2020-21**

### Students projects Guided at PG/Doctoral Level

1. **Emotion Recognition Entertainer using Deep Learning**
2. **Malicious Link Detection System**

### Papers Published

#### Papers Published in National / International Journals - 10

##### International Journals - 10

1. Paper titled “**EMOTION RECOGNITION ENTERTAINER USING DEEP LEARNING**” published in International Journal of Creative Research Thoughts, **UGC Approved Journal**, Volume 10 Issue 10, **10 October 2022** (ISSN : 2320-2882)
2. Paper titled “**Malicious Link Detection System**” published in the International Research of Journal of Engineering and Technology, **UGC Approved Journal**, Volume-9, Issue-11, **November 2022** (ISSN: 2395-0056)
3. Paper titled “**IOT Based Bridge Health Monitoring System**” published in the **Journal of Emerging Technologies and Innovative Research**, **UGC Approved Journal**, Volume-5, Issue-10, **11 October 2018** (ISSN: -2349-5162)
4. Paper titled “**Intelligent security system using deep learning on Raspberry pi**” published in the **International Journal of Management, Technology And Engineering**, **UGC Approved Journal, 2018** (ISSN: 2349-5162)
5. Paper titled “**Traffic Congestion Avoidance for Narrow Road Based on IoT**” published in the **International Journal of Management, Technology And Engineering**, **UGC Approved Journal**, Volume-5, Issue-10, **2018** (ISSN: 1242 -1245)
6. Paper titled “**Biometric Student Attendance System based on Image Processing and Ri Pi**” published in the **International Journal for research in applied science and engineering technology**, Volume-6, Issue-3 **February 2018**
7. Paper titled “**Mobile surveillance robot**” published in the **international journal for science and advance research in technology**, **UGC Approved Journal**, Volume-3, Issue-10 **October 2017** (ISSN: 539 – 543)

8. Paper titled **“Internet of Things based Remote Patient Monitoring System”** published in the **International Journal of Research In Science & Engineering, UGC Approved Journal, Volume-1, Issue-7 March 2017** (ISSN: 263 – 268)
9. Paper titled **“Internet of Things based Automatic Toll Collection System”** published in the **International Journal of Research In Science & Engineering, UGC Approved Journal, Volume-1, Issue-3 March 2017** (ISSN:257 – 262)
10. Paper titled **“Controlling Packet Loss at Network Edge Using STLCC Mechanism”** published in the **International Journal of Engineering Development and Research, Volume-4, Issue-1 March 2016** (ISSN:257 – 262)

#### Papers Presented/Published in National/ International Conferences - 04

##### International Conferences – 03

1. Paper presented titled **“Drowning Detection System Using CNN”** in Two days International Conference on Communication and Computing jointly organized by IT, EXTC, ETRX, and MCA Department, Ratnagiri on 8<sup>th</sup> April 2022.
2. Paper presented titled **“Face Mask Detection System”** in Two days International Conference on Communication and Computing jointly organized by IT, EXTC, ETRX, and MCA Department, Ratnagiri on 8<sup>th</sup> April 2022.
3. Paper presented titled **“PERFORMANCE EVALUATION OF PROPOSED IMAGE RETRIEVAL SYSTEM FOR IMAGE-RICH INFORMATION NETWORKS BASED ON INTEGRATED ALGORITHM (S-CBIR)”** for the INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND ENERGY SYSTEMS (ICCCES-16) on 29<sup>th</sup> June 2016.

##### National Conferences – 03

1. Paper presented titled **“SECURE CLOUD STORAGE USING MULTIPLE KEY DISTRIBUTION CENTRE IN CLOUDS”** at National Conference on Research in Emerging Areas on 13<sup>th</sup> February 2018.
2. Paper presented titled **“Content Management System-Drupal in Educational Institute for Teaching-Learning”** at 2<sup>nd</sup> National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17<sup>th</sup> and 18<sup>th</sup> February 2016.
3. Paper Presented titled **“PERFORMANCE EVALUATION OF PROPOSED IMAGE RETRIEVAL SYSTEM FOR IMAGE-RICH INFORMATION NETWORKS BASED ON INTEGRATED ALGORITHM (S-CBIR)”** in the INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND ENERGY SYSTEMS, Islampur, Maharashtra held on 29<sup>th</sup> and 30<sup>th</sup> June 2016.

## Number of Workshops, Seminars, STTPs, FDPs Attended – 10

### STTP / FDPs

1. Completed **ISTE Approved** Eight Days FDP on **“AI Algorithms and Applications in Healthcare”**, organized by Department of Electronics and Telecommunication Engineering, FAMT, Ratnagiri, from 19 June to 23 June 2023
2. Completed two weeks **ISTE Approved** Short Term Training Programme (STTP) on **“Advancement's in Cryptography, Blockchain and Cryptocurrency”** Conducted during 5<sup>th</sup> to 16<sup>th</sup> December, 2022 organized by Finolex Academy of Management and Technology, Ratnagiri
3. Completed five days **ISTE Approved Short Term Training Programme (STTP)** on **“Recent Trends Information Technology”** held during 16.05.2022 to 20.05.2022 organized by Finolex Academy of Management & Technology, Ratnagiri, Maharashtra
4. Completed AICTE FDP on **"Amazon Web Services"** organized by MGM's College of Engineering and Technology, Kamothe in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION – AICTE from 22-08-2022 to 27-08-2022
5. Completed AICTE Approved FDP on **"Building Inefficiencies in software project management by integrating DevOps tools "** organized by Thadomal Shahani Engineering college, Mumbai from 05<sup>th</sup> July To 09<sup>st</sup> July 2021
6. Completed FDP on **"Artificial Intelligence"** organized by **AICTE Training And Learning (ATAL) Academy from 2021-1-4 to 2021-1-8**
7. Completed FDP on **"Cloud Technology"** organized by AICTE Training And Learning (ATAL) Academy from 2020-9-7 to 2020-9-11
8. Completed FDP on **"Data Sciences"** organized by AICTE Training And Learning (ATAL) Academy from 2020-12-14 to 2020-12-18
9. Completed FDP on **"Internet of Things (IoT)"** organized by AICTE Training And Learning (ATAL) Academy from 2020-11-2 to 2020-11-6
10. Completed one week FDP on **“Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes”** ,Organized by Department of Mechanical Engineering from 08th June to 12th June 2020
11. Completed one week FDP on **'Improving Teaching Learning Experience using Best Practices'** ,15th June 2020 to 19th June 2020.
12. Completed FDP on **Python for Data Science** held in August, 2019 .
13. Completed NPTEL course on **Introduction to R Software** held in August, 2018
14. Completed NPTEL course on **Introduction to Internet of Things** held in June, 2017

### Professional Membership

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

### Other Experience

#### College Level Administrative Responsibilities

1. Working as a **Member** of Stock Verification committee.
2. Working as a **Member** of Internet Speed Test verification committee.
3. Working as a department coordinator for **NAAC Criteria 1 and Criteria 6 of NBA.**

### Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Web X	Third Year/IT/6	3 Years
2.	Internet Programming	Third Year/IT/5	3 Year
3.	Advance DevOps	Third Year/IT/5	3Years
4.	DevOps	Fourth Year/IT/8	2Years
5.	Python Programming	Second Year/IT/4	3 Years

## Summary

<b>Patents</b>	<b>Published</b>	01
	<b>Filed</b>	01
<b>International Journals</b>	<b>Unpaid</b>	Nil
	<b>Paid</b>	10
<b>National Journals</b>	<b>Unpaid</b>	Nil
	<b>Paid</b>	Nil
<b>Conferences</b>	<b>International</b>	03
	<b>National</b>	03
<b>Research Grant</b>	<b>Research Grant Received</b>	01
<b>Number of FDP's attended</b>		09
<b>Number of STTP's attended</b>		02
<b>Number of 2 Weeks Workshops attended</b>		01
<b>Number of 1 Week Workshops attended</b>		03
<b>Number of Certification / Refresher Courses attended</b>		02
<b>Resource Person Contribution</b>	<b>Technical Talks / Seminars / Lectures, etc</b>	03
	<b>Outreach Programs / Social Programs / Extensions, etc</b>	Nil