

Name	Dr. Yogesh Manohar Gajmal	
Designation	Associate Professor	
Department	Information Technology	
Date of Joining the Institute	01/08/2022	
Education	Ph.D. in Computer Science and Engineering	
	M-Tech in Computer Engineering	
	BE in Computer Engineering	
Branch / Specialization	Computer Science and Engineering	
Areas of Interest / Research Interest	Information Security, Blockchain	
Email	yogesh.gajmal@famt.ac.in	

Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	01/08/2022 to till date	Associate Professor
Presidency University, Bangalore	September 2021 to July 2022	Assistant Professor
MIT ADT University, Pune	June 2017 to August 2021	Assistant Professor
Rajendra Mane College of Engineering and Technology, Ambav	August 2015 to May 2017	Assistant Professor
Rajaram Shinde College of Engineering, Pedhambe	November 2014 to August 2015	Assistant Professor
Rajaram Shinde Institute of Engineering and Technology, Pedhambe	October 2010 to October 2014	Lecturer
Total Experience – 13 Years		

Patents Granted / Published / Filed - 03

Patent Published / Filed – 03

"AUTOMATED SMART SPRINKLER SYSTEM FOR GROVE PLANTATION", Patent application No. 202021048677, Intellectual Property India (Status: Published and Applied for Examination)

"BLOCKCHAIN-BASED ACCESS CONTROL AND PRIVACY ASSISTED MECHANISM FOR SECURED DATA SHARING AND PROTECTION IN DECENTRALIZED CLOUD SYSTEM", Patent application No. 202241031704, Intellectual Property India (Status: filed)

"AI-BASED PLOUGHING MACHINE", Patent application No. 202221052923, Intellectual Property India (Status: Published and Applied for Examination)

Copyright Granted / Applied - 06

Copyright Granted – 06.

"Vehicle Validation and Driver Authentication System", Copyright diary No. 2490/2021-CO/L, Copyright Office, Government of India (Status: Approved and Registered with Registration No. L-100642/2021)

"Smart Transportation Vehicle for Perishable Products", Copyright diary No. 2476/2021-CO/L, Copyright Office, Government of India (Status: Approved and Registered with Registration No. L-100631/2021)

"Affordable on-Field Storage for Perishable Products", Copyright diary No. 2471/2021-CO/L, Copyright Office, Government of India (Status: Approved and Registered with Registration No. L-101203/2021)

"Smart calendar for crop harvesting, traceability & predictability", Copyright diary No. 2465/2021-CO/L, Copyright Office, Government of India (Status: Approved and Registered with Registration No. L-101710/2021)

"Smart Export Prediction for Agriculture Products", Copyright diary No. 2460/2021-CO/L, Copyright Office, Government of India (Status: Approved and Registered with Registration No. L-101813/2021)

"Cost-effective metering model for DTH users", Copyright diary No. 2467/2021-CO/L, Copyright Office, Government of India (Status: Approved and Registered with Registration No. L-101982/2021)

Books - 03

"Cryptography and System Security", CSE Core Nirali Prakashan, ISBN: 9788119116508

"Cryptography and System Security", CSE AI & ML Nirali Prakashan, ISBN: 9788119116232

"Infrastructure Security", IT Nirali Prakashan, ISBN: 9788119883011

Awards

Received **Best paper Award** in Springer Conference International Conference on Computational Intelligence and Network Systems (CINS 2023), BITS Pilani, Dubai for **Access Control and Data Sharing Mechanism in Decentralized Cloud using Blockchain Technology**

Papers Published

Papers Published in National / International Journals - 12

International Journals – write total number of international journal papers

Paper titled **"Anomaly Detection for Internet of Things Security Attacks Based on Recent Optimal Federated Deep Learning Model"** in Journal of internet services and Information Security (JISIS), August 2023, volume: 13, number: 3 (August), pp. 104-121 (Unpaid)

Paper titled **"User Activity Analysis Via Network Traffic Using DNN and Optimized Federated Learning based Privacy Preserving Method in Mobile Wireless Networks"** in Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications (JoWUA), June 2023, volume: 14, number: 2 (June), pp. 66-81 (Unpaid)

Paper titled **"Blockchain-based access control and data sharing mechanism in cloud decentralized storage system"** in Journal of Web Engineering, August 2021, DOI: <https://doi.org/10.13052/jwe1540-9589.2054> (Unpaid)

Paper titled **"Privacy and Utility-assisted data protection strategy for secure data sharing and retrieval in cloud system"** in Information Security Journal: A Global Perspective, June 2021, DOI: 10.1080/19393555.2021.1933270 (Unpaid)

Paper titled **"A Bibliometric Analysis of Authentication based Access Control in Cloud using Blockchain"** in Library Philosophy and Practice, 2021. <https://digitalcommons.unl.edu/libphilprac/5241> (Unpaid)

Paper titled **"Authentication based Data Access Control and sharing mechanism in Cloud using Blockchain Technology"**, International Journal of Emerging Trends in Engineering Research, Volume 8. No. 9, September 2020. (paid)

Paper titled **"Data Access Controls in Cloud: A Survey"** in The Journal of Research on the Lepidoptera, DOI: 10.36872/LEPI/V51I3/301172, Volume 51 (3): 109-118, July 2020 (paid)

Paper titled **"DATA ACCESS CONTROL SCHEMES IN CLOUD COMPUTING: A REVIEW"** in International Research Journal of Engineering and Technology (IRJET), Volume 04.Issue 12, Dec 2017, an International Journal with Impact Factor 6.171 (paid)

Paper titled **"A Survey on Friend Recommendation System for Social Network's"** in International Research Journal of Engineering and Technology (IRJET), Volume 02.Issue 08, Nov 2015, an International Journal with Impact Factor 4.45. (paid)

Paper titled **"MDT: Middle Tire Automation Testing Framework"** in International Journal of Soft Computing and Engineering (IJSCE), Volume 3, Issue 5, Nov 2013, an International Journal with Impact Factor 1.0. (paid)

Paper titled **"A SURVEY ON TESTING TOOLS FOR WEB SERVICES"** in International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR), Volume 3, Issue 2, June 2013, an International Journal with Impact Factor 6.27. (paid)

Paper titled **"ANALYSIS OF AUTHENTICATION BASED DATA ACCESS CONTROL SYSTEMS IN CLOUD"**, PalArch's Journal of Archaeology of Egypt/ Egyptology, Volume 17 No.07, 2020. (paid)

Papers Presented/Published in National/ International Conferences - 03

International Conferences – Write total no. of international conference here

Paper presented titled **"Comprehensive Analysis for Fraud Detection of Credit Card through Machine Learning"** In IEEE Conference, 2021 International Conference on Emerging Smart Computing and Informatics (ESCI), April 2021, Pune, India. DOI: 10.1109/ESCI50559.2021.9397029.

Paper presented titled **"DATA ACCESS SECURITY IN CLOUD COMPUTING: A REVIEW"** in IEEE Conference, GUCON2018, Delhi, India. DOI: 10.1109/GUCON.2018.8675033 Page No.633-636

Paper presented titled **"A SURVEY ON ACCESS CONTROLS IN CLOUD COMPUTING"** in IEEE Conference, ICCCA 2018, Delhi, India. DOI: 10.1109/CCAA.2018.8777548

Number of Workshops, Seminars, STTPs, FDPs Attended – 05

STTP / FDPs

Completed FDP on **"Algorithms and Applications in Healthcare "** organized by **FAMT, Ratnagiri** from 19th June To 23rd June 2023.

Completed **ISTE Approved** Twelve Days Short Term Training Programme (STTP) on **"Advancements in Cryptography, Blockchain and Cryptocurrency"** Conducted during **5th December to 16th december, 2022** organized by Department of Information Technology, FAMT Ratnagiri

Conferences and Seminars

Attended **online** International Conference on **"Innovative Research in Renewable Energy Technologies (IRRET-2023)"** on 9-10 April 2023

Attended online International Springer Conference on **"Computational Intelligence and Network Systems (CINS 2023)"**, BITS Pilani, Dubai

Workshops

Completed the workshop on **"ADVANCED RESEARCH METHODOLOGY "** organized by the SRM Institute of Science and Technology from **3rd to 18th July 2023**

Certification Course / Refresher Courses completed - 05

- Oracle Autonomous Database Cloud 2019 Certified Specialist, 2020
- Oracle Cloud Infrastructure Architect Associate, 2020
- Fortinet's Network Security Associate Certification NSE1, 2020
- The Fundamentals of Digital Marketing, Google Garage, 2020
- Introduction to Cyber security, CISCO, 2020

Technical Seminars/ Workshop/ Lecture/ Invited Talks As a Resource Person - 02

Delivered Expert Session titled **"Fundamentals of Cryptography"** in ISTE approved STTP on 5th December 2022 at Information Technology, FAMT, Ratnagiri

Delivered Expert Session titled **"Demystifying Blockchain Technology Concepts and Applications"** in ISTE approved STTP on 6th December 2022 at Information Technology, FAMT, Ratnagiri

Professional Membership

Member of International Association of Engineers (IAENG)

Other Experience

Paper Reviewer/ BOS Member/ Editorial Board Member

Working / Worked as a **Paper Reviewer** for **SCI, WoS, Scopus** journals and Conferences.

College Level Administrative Responsibilities

Working as a Chairman for Library Advisory Committee of Finolex Academy of Management and Technology, Ratnagiri.

Working as a Professor In charge for Website Administration committee of Finolex Academy of Management and Technology, Ratnagiri.

Working as NAAC Core Committee Member of Finolex Academy of Management and Technology, Ratnagiri.

Judge Panel / Staff Selection Committee / Subject Expert

Worked as a Judge for Python Hackathon 2k23 at Information Technology, Finolex Academy of Management and Technology, Ratnagiri.

Worked as a Judge for Project Competition at Computer Science and Engineering, Finolex Academy of Management and Technology, Ratnagiri.

Projects / Software Development

Guiding and implementing **FAMT Faculty Attendance Monitoring System**

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1	Web Computing	TE CSE V	1
2	Software Engineering and Project Management	TE CSE VI	1
3	C Programming	FE II	1
4	Computer Networks and Security	TE IT V	1
5	Cyber Security and Laws	BE IT VII	1