

# FARENDRAKUMAR SHRAWAN GHODICHOR

FLAT NO. A/603, ARYAVEDANT RESIDENCY, SAI COLONY, NAKHATE WASTI, RAHATANI, TAH. HAVELI, DIST. PUNE - 411017 (M.S.) India.  
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🌐 <https://www.linkedin.com/in/farendrakumar-ghodichor-186ba83b6>

🌐 <https://www.researchgate.net/profile/Farendrakumar-Ghodichor/stats>

📄 [https://scholar.google.com/citations?user=7GrEr\\_EAAAAJ](https://scholar.google.com/citations?user=7GrEr_EAAAAJ)

🆔 <https://orcid.org/0009-0007-1214-1029>



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## OBJECTIVE:

To nurture students into responsible and ethical individuals through effective teaching, while contributing my knowledge and skills in a challenging environment and being recognized for quality, dedication, and innovation.

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## EXPERIENCE SUMMARY:

**I have over 21 years of professional experience, including 17.8 years in teaching and 3.6 years in the IT industry.**

- **Assistant Professor**, Department of Information Technology, SIT, Lonavala — *01 June 2014 to 09 April 2025*
- **Assistant Professor**, MCA (Engineering) Department, SIT, Lonavala — *02 August 2010 to 31 May 2014*
- **Lecturer**, MCA (Engineering) Department, SIT, Lonavala — *09 August 2008 to 01 August 2010*

### Industry Experience:

- **Software Engineer** — worked on design, development, testing, implementation, and support of software applications using Oracle and Microsoft technologies.

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## CAREER CONTOUR:

**Working as an Assistant Professor in the Department of Artificial Intelligence and Data Science at Dr. D. Y. Patil College of Engineering and Innovation, Varale, Talegaon, Pune (M.S.), India, since February 2025.**

I have been **approved** as a full-time Lecturer by Savitribai Phule Pune University (SPPU), Pune, with effect from 02/08/2010, vide Ref. No. CCO/1754.

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## PREVIOUS ENGAGEMENTS:

Employer Name	Designation	Duration	Responsibility
Sinhgad Institute of Technology, Lonavala, Pune (M.S.), India. ( <a href="http://www.sit.sinhgad.edu">www.sit.sinhgad.edu</a> )	Assistant Professor	Aug. 2008 – Mar. 2025 (16.7 years)	Teaching in Department of IT and MCA, Training and Placement Officer
It Is The Master's Software, Nagpur (M.S.), India. ( <a href="http://www.iitmsindia.biz">www.iitmsindia.biz</a> )	Software Engineer	July 2004 – Jan 2008 (3.6 Years)	Development of Web Application & Desktop Application, Software support.

## TEACHING AREA:

- OOP (Java, Python, C++), C Programming language, SQL, DBMS, Data Modeling & Visualization Software Engineering, Cloud Computing, Cyber Security, Big Data Analytics, Blockchain Technology, Machine Learning, Software Testing, Advanced Database, Optimization Techniques, Operation Research, Computer Networks, Human Computer Interaction, Internet of Things (IoT), Data Warehousing and Data Mining, Management Science, MIS, Object Oriented Analysis & Design, Software Project Management etc.

## TECHNICAL SKILLS & TOOLS:

- C, C++, JAVA, Java Script, Python, HTML, CSS, PHP, SQL, MySQL, Oracle, Power BI, MongoDB, CISCO Packet Tracer

## ACADEMIC QUALIFICATIONS:

- **Ph.D. (Computer Science & Engineering)** – *Pursuing*, University of Technology, Jaipur
- **M. Tech. (Computer Science & Engineering)** – RTMNU, Nagpur, 69.22%, November 2017
- **M.C.A.** – RTMNU, Nagpur, 66.22%, September 2004
- **Post B.Sc. Diploma in Computer Science & Application** – RTMNU, Nagpur, 60.7%, 2002
- **B.Ed. (Maths, Physics)** – RTMNU, Nagpur, 69%, 2002
- **B.Sc. (Physics, Chemistry, Mathematics)** – RTMNU, Nagpur, 53.00%, July 1999
- **HSSC (Mathematics & Science)** – Nagpur Board, 46%, 1996
- **SSC** – Nagpur Board, 67%, 1994

## PUBLICATIONS:

Sr. No.	Title of Paper	Author(s) Seq.(1/2/3)	Year of Publication	Type IC, NC, IJ	Name of Journal/Conference
1	Nosql In The Cloud: A Case Study	Mr. F. S. Ghodichor1	March-2013	NC	National Conference on ETIT-2013
2	Keyword Extraction And Clustering For Document Recommendation In Conversations	F. S. Ghodichor1	March-2016	IJ	International Journal of Advanced Research in Computer and Communication Engineering(IJARCCE) ISSN 2278-1021
3	Reducing denial of service attacks using software puzzle	F.S.Ghodichor1	April-2017	IJ	International Journal of Innovative Research in Computer(IJIRCCE) ISSN 2320-9801
4	Online banking system using mobile-OTP with QR-code	F.S. Ghodichor5	April-2017	IJ	IJARCCE ISSN 2278-1021
5	Shield: Personal safety Application	F. S. Ghodichor5	May-2017	IJ	International Research Journal of Engineering & Technology(IRJET) ISSN:2395-0056

6	Network analyzer and report generation tool for ns-2 using tcl script	F. S. Ghodichor1, Bhagyashree Madan2	June-2017	IJ	IRJET ISSN 2395 -0056
7	Proposed system for network analysis and report Generation tool for NS-2	F. S. Ghodichor, Milind S. Deshkar	April-2017	IC	International Journal of Computer Application(IJCA) ISSN 2355 -1148
8	A Survey on Achieving Hitless Defragmentation with Dynamic Fragmentation Using Mixed Path Algorithm	F.S.Ghodichor2	Nov-2017	IJ	IJIRCCE ISSN 2320 - 9801
9	Suspicious Object Detection At Public Place	F.S.Ghodichor4	June-2019	IJ	IJARIE, ISSN 2395-4396
10	Automatic Question Paper Generator System by Keyword based Shuffling Algorithm using Randomization technique	F.S. Ghodichor5	May-2021	IJ	International Journal of Advanced Research in Computer and Communication Engineering(IJARCCE) ISSN 2278 - 1021
11	Charity Donation System Based On Blockchain Technology	F.S.Ghodichor5	Dec-2021	IJ	IJIRCCE ISSN 2320-9801, IF:7.542
12	System for Fake Currency Detection Using Image Processing	F. S. Ghodichor1	Jan-2022	IJ	International Journal for Research in Applied Science & Engineering Technology(IJRASET) ISSN 2321-9653 Volume:10 Issue:01 DOI: 10.22214/ijraset.2022.39832
13	Plant Leaf Disease Detection Suggestion using CNN	Farendrakumar Ghodichor1	Nov-2022	IJ	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) ISSN
14	Plant Leaf Disease Detection Suggestion using CNN	Mr. Farendrakumar Ghodichor1	25-26 April2023	IC	Paper No. AIMTMREF - 2023-162/05
15	Soil Moisture Monitoring and Smart Irrigation System using IOT and Mobile Application	Ghodichor F. S.1	May-2023	IJ	Goya Journal (GJ- UGC Care) ISSN NO 0017 - 2715, IF 6.3
16	Malware Detection in JPEG	Mr. F. S. Ghodichor1	May-2024	IJ	International Journal of Creative Research Thoughts (IJCRT)

17	AI-Powered Mock Interview Evaluator	Farendrakumar Ghodichor1	Nov-2024	IJ	Journal of Emerging Technologies and Inoovative Research (JETIR), Volume 11, Issue 11, ISSN-2349-5162
18	Women Safety Android App	Prof. Farendrakumar S. Ghodichor1	Nov-2024	IJ	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) ISSN: 2581-942, Volume 4, Issue 2, DOI: 10.48175/IJARSCT-22152
18	Performance Analysis of the Platfora Method for Privacy Preservation in Large Healthcare Datasets: An Empirical Study	Farendrakumar S. Ghodichor1, Dr. Suraj V. Pote2	July-2024	IJ	Journal of Advances and Scholarly Researches in Allied Education, Vol-21, Issue-5, ISSN:2230-7540, IF:3.46, DOI: <a href="https://doi.org/10.29070/vts5p257">https://doi.org/10.29070/vts5p257</a>
19	Empirical Assessment of Privacy-Preserving Techniques in Big Data Analytics	Farendrakumar S. Ghodichor1, Dr. Suraj V. Pote2	Oct-2024	IJ	Journal of Advances and Scholarly Researches in Allied Education, Vol-21, Issue-7, ISSN:2230-7540, IF:3.46
20	Advancements in AI for Text-to-3D model Generation	Farendrakumar Ghodichor2	24-25 April- 2025	IC	Applications of AI in Engineering (ICAAIE - 25)
21	CNN-Based GIF Steganography Using Lightweight U-net	Farendrakumar Ghodichor3	24-25 April- 2025	IC	Applications of AI in Engineering (ICAAIE - 25)
22	CNN-Based GIF Steganography Using Lightweight U-net	Farendrakumar Ghodichor3	July-2025	IJ	International Journal of on Advanced Computer Engineering and Communication Technology(IJACECT) ISSN:2278-5140, Volume-14, Issue-01
23	AI-Powered Personalized Learning & Assessment Platform	Mr. Farendrakumar Ghodichor1	Oct-2025	IJ	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) ISSN:2278-1021, Volume-14, Issue-10 DOI: <a href="https://doi.org/10.17148/IJARCCE.2025.141075">10.17148/IJARCCE.2025.141075</a>
24	AI Engineering in the Making of Next-Generation Conversational System	Farendrakumar Shrawan Ghodichor1	Nov-2025	IJ	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) ISSN:2278-1021, Volume-14, Issue-11 DOI: <a href="https://doi.org/10.17148/IJARCCE.2025.141152">10.17148/IJARCCE.2025.141152</a>
25	RAG-Powered Geoscience Assistant	Farendrakumar Ghodichor1	Nov-2025	IJ	International Research Journal of Modernization in Engineering Technology and Science(IRJMETS) e-ISSN: 2582-5208, Volume-07, Issue-11 DOI: <a href="https://doi.org/10.56726/IRJMETS84367">10.56726/IRJMETS84367</a>

## **Indian Government Patent Publication's:**

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1. Patent Design No: 467615-001, "PORTABLE GRID ANALYZING DEVICE", Publication Date: 28.07.2025
2. Patent Design No: 476092-001, "VIRTUAL REALITY REMOTE VISIT TELEPRESENCE DEVICE", Publication Date: 08.10.2025
3. Patent Design No: 477131-001, "AI SERVER NANOFUID COOLING DEVICE", Publication Date: 05.02.2026

## **Indian Government Copyright:**

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1. "MALWARE DETECTION IN JPEG", Publication Date: 31.01.2024 of the Copyright Act 1957, Diary Number: 3452/2024-CO/L and Certificate No.: L-147039/2024
2. "AI-POWERED MOCK INTERVIEW EVALUATOR: REVOLUTIONIZING INTERVIEW PREPARATION", Publication Date: 28.11.2025 of the Copyright Act 1957, Diary Number: 32600/2024-CO/L and Certificate No.: LD-20250177715
3. "PORTABLE GRID ANALYZING DEVICE", Publication Date: 03.03.2026 of the Copyright Act 1957, Diary Number: LD-33649/2025-CO and Certificate No.: LD-20260182811

## **Research Article Publication's in International E-Book:**

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1. Farendrakumar Ghodichor, "Analyzer and Report Generation Tool for Network Simulation", LAMBERT Academic Publication, Published on: 04.10.2023, ISBN: 978-62-067883-1-7

## **RESPONSIBILITIES:**

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1. Working as Assistant Professor in Department of AI-DS.
2. AI-DS department - Training and Placement Coordinator
3. BE Project Coordinator
4. Sports Coordinator
5. Value Addition Program Coordinator
6. Industrial Visit Coordinator
7. Laboratory In-charge
8. International Conference Publication Chair and Coordinator.
9. Worked as Assistant Professor in Department of IT.
10. IT Department Training and Placement Officer [2018 - 2025]
11. NAAC criteria 4 & NBA criteria 1 & 6 head and coordinator.
12. Head of MCA (Engineering) Department. [2010 - 2011]
13. Coordinator for National & International STTP and FDP workshops.
14. Subject chairman, Examiner, Moderator, Paper Setter, Syllabus Setter MCA(Engg.), Sr. Supervisor appointed by SPPU Pune.

## **ACHIEVEMENTS AND AWARDS:**

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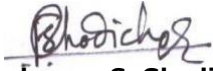
- Resource person / Subject Expert – OOP using Java & DBMS
- Attended various ATAL FDPs, also National & International FDPs
- Mentor for NPTEL online Certification course "Programming in JAVA", 2024
- Certification of NPTEL 'Java Programming' on November 2024 with 76%.
- Certification of NPTEL 'Data Science for Engineers' on March 2024 with 60%.

- Professional Certification in Software Testing for 3 months (01/01/2022 - 31/03/2022).
- Certification of NPTEL 'Python for Data Science' on Sep.-Oct. 2020 with 54%.
- Certification of NPTEL 'Database Management System' on 07/10/2018 with 74%.
- Certification of Microsoft Certified One Note and Sway on 02-03/01/2019.
- Certification of IBM Certified Database Associate, DB2 9 Fundamentals in 09/07/2009.
- Reviewer for International conference [IEEE].
- Election Duty LOKSABHA & VIDHANSABHA – Presiding Officer
- Train The Trainer Resource Person

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.

**Place : Pune**

  
**Farendrakumar S. Ghodichor**

