

Curriculum Vitae



Dr. Geeta Govind Sable
Assistant Professor,
G H Raisoni College of Engineering and Management,
Pune, Maharashtra, India

Contact Details:
Mobile No: +91- 9822342320.
Alternative Mobile No: +91-9657702058.
E-mail ID: git.121@gmail.com
Official E-mail:geeta.atkar@raisoni.net

Professional Objective

- Seeking a quality environment where my knowledge can be shared and enriched, willing to work as a key player in challenging & creative environment.
- Having total 15 years of teaching experience and 2 years of industry experience as a freelancer

Total Experience: 15 years

Sr.No	Name of organization	Post	Duration
1	G H Raisoni College of Engineering and Management, Wagholi, Pune, Maharashtra, India	Assistant Professor (Computer Engineering)- Pune University and UGC committee Approved faculty member	11 June, 2014 to Till Date
2	Accrevent, Pune, Maharashtra, India	Software Engineer (Freelancer for Software development and testing projects)	1 October, 2020 To 5 October 2022
3	Abhinav Education Society's College of Engineering and Technology(Degree), Maharashtra, India	Assistant Professor (Computer Engineering)	24 June, 2010 to 2 June, 2014

Educational Qualification

Degree	Year of Passing	College/University	Percentage/ SGPA	Class
Ph.D (Computer Science and Engineering)	2022	Vellore Institute of Technology, Chennai	NA	NA
M.E. (Computer Engineering)	2013	Pimpri Chinchwad College of Engineering, Akurdi, Pune, Maharashtra, India	7.57	Distinction
B.E. (Information Technology)	2010	Bharati Vidhyapeeth's College of Engineering for Women, Pune, Maharashtra, India	65.33	First Class
H.S.C.	2006	R.R. Shinde Jr. College, Pune, Maharashtra Board, India	80.33	Distinction
S.S.C	2004	Sadhana High School, Pune, Maharashtra Board, India	90.00	Distinction

Invited as a Resource Person for Guest Lecture / Workshop / Faculty Development Programs

- 1 Expert lecture on Future perspectives of Recurrent Convolutional Neural Networks for NLP using GAN “dated 09.06.2022, FDP on "Artificial Intelligence for Computer Vision and Image Processing (6th June 2022- 18th June 2022) Organized by Electronics & ICT Academy, NIT-WARANGAL. In association with Department of CSN, Kakatiya Institute of Technology & Science, Warangal
- 2 Expert lecture on Advance Industrial IOT Platform: Thingworx Development dated 28.07.2022 from 02:00 PM to 04:00 PM as part of Two- week online FDP on "Artificial Intelligence in Internet of Things “(22nd July 2022- 2nd Aug 2022) Organized by Electronics & ICT Academy, NIT- WARANGAL. In association with the Department of Computer Science, Kakatiya University, Warangal
- 3 Expert lecture on “Python Libraries and Applications of IOT” dated 21.01.2023 from 10:00 AM to 12:00 PM as part of Two week online FDP on “Applications of AI and IOT” (21 Jan 2023 To 30 Jan 2023) Organized by Electronics & ICT Academy, NIT-WARANGAL. In association with KU College of Engineering & Technology, Kakatiya University, Warangal.
- 4 Expert lecture on “AI and its applications in Business Analytics” dated 13.08.2022 from 10:00 AM to 12:00 PM as part of Two week online FDP on “Recent Research Trends and Applications of Artificial Intelligence & Machine Learning” (10th August 2022- 20th August 2022) Organized By Electronics & ICT Academy, NIT-WARANGAL. In association with KKR and KSR institute of Technology, Guntur
- 5 Keynote Speaker for “Speech Synthesis by using Advanced Machine Learning Techniques for Easy Readability of Dyslexic Children” dated 03/06/2021, as a part of MEA Regional Event, IBM Dubai
- 6 Guest speaker for workshop on iOS application Development in Zeal Education Society's College of Engineering
7. Guest Speaker for workshop on Machine learning and Artificial Intelligence in Sahyog College, Thane, 29/01/2022
8. Invited as a Guest Speaker for Project Domains: An Insight- Webinar Series at Sinhgad Institute of technology, Pune, India on 18/08/2021
9. Invited as a Research papers Reviewer for IEEE 8th International Conference on Computing, Communication, Control, and Automation (ICCUBEA -2024) organized by Pimpri Chichwad College of Engineering, Pune ON 23and 25 August, 2024
- 10 Invited to deliver an online expert lecture on “AI and its applications in Business Analytics” dated 13.08.2022 from 10:00 AM to 12:00 PM as part of Two week online FDP on “Recent Research Trends and Applications of Artificial Intelligence & Machine Learning” (10th August 2022- 20th August 2022) Organized by Electronics & ICT Academy, NIT-WARANGAL
- 11 Invited as a Guest Speaker for Faculty Development Programme (FDP) on "Applications of Artificial Intelligence & IoT " Organized by Electronics & ICT Academy, NIT Warangal Advance Industrial IOT Platform: Thingworx Development on 23/01/202
- 12 Invited as a Guest speaker for Faculty Development Program on "Innovative Teaching-Learning Practices in Engineering" at Rajaram bapu Institute of Technology on 03rd to 05th October 2024.

13	Invited as a Resource Person for the ATAL Faculty Development Program at KKR and KSR Institute, Guntur, AP on 14/11/2024. The topic of my session was "WSN-Based Agriculture System with Machine Learning Algorithms."
14	Invited to serve as a Session Chair for evaluating research papers and presentations at the IEEE International Conference on Women in Computing (2024) on November 15th, 2024 along with Dr. Jatinderkumar Saini, Director of Symbiosis Institute of Computer Studies and Research, Pune, India, and President of the IEEE Pune Section.
15	Invited as a Guest speaker for Faculty Development Program on OUTCOME BASED EDUCATION IN LINE WITH NBA organized by S.P.I.T., Polytechnic, Kurund. in association with G H Raison College of Engineering and Management, Pune under AICTE MARGDARSHAN SCHEME on topic :Innovation in Teaching and Learning practices in Engineering in line with NBA, Date 17/10/2024
16	Resource person for Session on AI and its Business Perspective in Accrevent private Limited, Pune, Maharashtra, India
17	Invited to serve as a Guest Speaker for IEEE Symposium 2025 by NMIET, Pune on 11 th Oct 2025

AWARDS AND ACHIEVEMENTS

International Recognition –

- Received “**Distinguished Alumnus Award**” in year **2023** from Pimpri Chinchwad College of Engineering, Akurdi, Pune in Alumni Meet 2023 for Completion of PhD from Recognized University
- Udemy Instructor** for course **Jmeter: A performance Testing**
Link:
<https://www.udemy.com/course/jmeter-a-performance-testing/learn/lecture/26624210#overview>
- Udemy Instructor** for Course **Selenium Testing with Python Programming**
Link:
<https://www.udemy.com/course/selenium-testing-with-python-programming/learn/lecture/29792166#overview>
- Udemy Instructor** for Course on “**Python programming from Scratch**”
Link:
<https://www.udemy.com/course/python-programming-from-scratch-q/learn/lecture/39003034#overview>
- Udemy Instructor** for Course on **Manual Testing and Interview Questions Discussion**
Link:
<https://www.udemy.com/course/manual-testing-interview-questions-in-discussion/learn/>
- Udemy Instructor** for Course on NO SQL Database: **MongoDB**
- Invited as a **Session chair** for IEEE International Conference on Women in Engineering, Dec 2024.

8. Invited as a Reviewer for Various international conferences like ICCUBEA- 2024, ACTA- International Conference Artificial Intelligence, Computing Technology and IoT) in 2024, INCACCT-2024 etc.
9. Invited to serve as a reviewer for IEEE International Conference IICUBEA-2024 and 2025 organized by Pimpri Chinchwad College of Engineering , Akurdi, Pune
10. Invited as to serve as a reviewer for IEEE International Conference 2nd international conference on “Advancement in Computations & Computer Technologies -2024, 02 and 03 May, 2024
11. Invited you to serve as a distinguished member of the **Technical Program Committee (TPC)** for the **7th International Conference on Machine Learning, Image Processing, Network Security and Data Sciences (MIND 2025)**, to be held on **12–14 December 2025**
12. *Invited to serve as a Virtual Keynote Speaker at the International Conference on Artificial Intelligence and Fuzzy Logic Systems (ICAIFLS - 25) on 6th August 2025.*
13. **Virtual Keynote Speaker** at the upcoming **International Conference on Collaborative Agent Systems, Robotics and Artificial Intelligence (ICCASRAI - 25)**, scheduled to take place on **16th September 2025**.
14. **Virtual Keynote Speaker** at the upcoming **International Conference on Artificial Intelligence and Mechatronics (ICAIAM-25)**, scheduled to take place on **14th October 2025**.
15. Session Chair for International Conference on Interdisciplinary Research and Trends on 06th October 2025
16. Worked in Technical Program Committee and Session Chair at IEEE International Conference on Women in Engineering- 2025 on 14 and 15 November 2025
17. **Virtual Keynote Speaker** at the upcoming **International Conference on Artificial Intelligence, Energy and Manufacturing Engineering (ICAIEME - 25)**, scheduled to take place on **14th November 2025**.

National Recognition-

1. National Recognition-My project is selected and attended Grand finale of **SMART INDIA HACKATHON 2018 and 2023**
2. Project received 70000/- prize in Rakethon National Level Project Competition, Maharashtra, India organized by G H Raisonni University, Maharashtra, India year 2023
3. Selected for Pre-PhD Examination Bhabha Atomic Research Centre July 2013
4. Project group Selected for **Final round of NES Innovation Awards-2018**
5. Project received **First consolation prize** in Eureka National Hackathon
6. Reviewer for American Journal of neural Network
7. Cleared Microsoft Examination of **Introduction to Machine Learning**

Professional Membership

1. IEEE Professional Member
2. IEEE Professional Member
3. Organizing Committee member for Scholars Forum

Portfolio Handled

Department Level:

1. Head of Department for Master in Computer Applications
2. NBA(National Board of Accreditation) Coordinator
3. Activity Coordinator (COMET, ISTE, IEEE Forum) –Organization of various Events,
4. Infrastructure & Physical verification Committee,
5. News Coordinator,
6. Techno-Wave (National Technical Event Coordinator) ,
7. Teacher Guardian.
8. Students feedback coordinator
9. Technical Program Committee member in IEEE International Conference

Institute Level:

1. MIS In charge,
2. Admission In charge,
3. Head of Department for Master in Computer Application(MCA),

4. Stakeholder feedback Coordinator for NBA,
5. Senior Supervisor in End Semester Examination,
6. Anti - ragging Committee Member,
7. Internal Complaint Committee Faculty Feedback Coordinator,
8. Antiragging committee member
9. PhD Entrance Examination Conduction Team.

University Level-

1. Assistant Senior Supervisor in End Semester Examination
2. Question Paper setting and checking committee member
3. Syllabus setting Panel of Autonomous colleges
4. Squad for University level examination
5. Senior Supervisor for University Level Examination
6. Board of Studies Member for Computer Engineering Department.
7. Question paper audit committee member
8. PhD Entrance examination coordinator

Other Activities-

1. Web page design committee in SPCN International Conference held at GHRCEM, Pune
2. Certificate Distribution committee in ACCNET National Conference.
3. Inauguration and valedictory handling in SPCN international Conference.
4. NSS (National Social Service) coordinator.

Courses Taught and Syllabus Designed-

Introduction to Quantum Computing, Quantum Algorithms and methodologies ,Operating System, Machine Learning, Artificial Intelligence, Python Programming lab, Automation testing, Software Engineering and Project management, Data Classification and Evaluation, Data Structures and programming, Unstructured Database Management System.

Knowledge Based Sessions Attended-

Type	Duration (Days)	Date	Host Institution/ Organization
STTP/SDP/ FDP	05	05/8/2025 to 9/8/2025	One week FDP on Quantum Computing Essentials, IEEE Computer Society, VIT, Pune
	10	19/05/2025 to 29/05/2025	Faculty Development Program on Fundamentals and Applications of Quantum Computing Tools and Techniques, organized by NIT , Warangal, ICT Academy
	03	03/10/24 to 5/10/24	Three days faculty Development Program on Innovative Teaching and Learning, RIT, Polytechnic
	07	15/4/2020 to 21/04/2020	IIT Bombay spoken tutorial & KBP College of Engineering Satara
	01	30/04/2020	FDP on Online Teaching & Learning & online assessment, Inpods
	01	04/05/2020	Discover how metrics can boost funding and networking opportunities, Elsevier, research Academy
	01	05/05/2020	How to create impact with patience and public involvement, Elsevier Research Academy
	01	04/05/2020	Identifying weaker students & Remedial Actions, Inpods
	06	35 hours	Introduction to iOS 11 Development :Swift 4 & XCODE9,Udemy
Workshop /Seminar/ Conferences	01	02/06/2020	Leadership Talk, MHRD, Innovation Cell
	01	29/04/2020	webinar on online teaching learning and online assessment platform, Inpods
	01	30/04/2020	webinar on online teaching learning and online assessment demo, Inpods
	01	5/05/2020	Seminar on Successful research grant application getting it right, Elsevier
	05	12/05/2020 TO 16/05/2020	Swift(iOS) Programming Language, Department of Information Technology, MET's Institute of Engineering Bhujbal Knowledge CityNashik-422003
	07	22/05/2020 to 28/05/2020	Novel approaches for block chain and it's technology, Teerthankar Mahaveer University, UP, IBM,IEEE, UGC, AICTE Sponsored

05	11/05/2020 to 15/05/2020	Deep learning with tensor flow, IBM
05	11/05/2020 to 15/05/2020	OUTCOME BASED EDUCATION: ASTEP TOWARDS EXCELLENCE, , Government College of Engineering, Karad & AICTE
08	08/05/2020 to 15/05/2020	NAAC awareness Program, MMIT, Lohegaon
06	10/05/2020 to 15/05/2020	NAAC Accreditation , Shri Chhatrapati Shivajiraje College of Engineering
06	13/05/2020 to 18/05/2020	Effective Proposal Writing for Research and Funding, Sandeep Foundation SIT&R
03	12/06/2020 to 14/06/2020	Future Advancement & applications in IOT, Sandeep Foundation College of Eng g& Research, Nashik
01	16/05/2020	Webinar on Online Safety & Cyber crime
01	21/05/2020	Webinar on Artificial Intelligence , G.H.Raisoni College of Engg & Management, Wagholi & IEEE Society
01	31/05/2020	Bada Business, K.C. College of Engineering & Management, Thane
	01/02 Days	<ol style="list-style-type: none"> 1. Two days' workshop on "Writing Effective Conference Paper" conducted by IIT Bombay 2. Two days' workshop on "Research Methodology" at IIT Bombay, 10 October, 2016. 3. Workshop on "How to prepare document in Latex" ,Conducted by GHREM, Wagholi, Pune 4. Faculty development Program on "Embedded Operating System" at SKNCOE, Pune 5. Faculty Development Program on "Programming LAB-III" at GHRIET, Wagholi, Pune 6. FDP on LP-III at MIT, Pune 7. Workshop in IIT Bombay "Biology for Engineers" 8. Machine learning Workshop at Indeed Inspiring InfoTech, Pune 9. Connecting Business at Indeed Inspiring InfoTech 10. Moodle Raisoni Nagpur 11. IOT Workshop, G.H.R.I.E.T, Pune 12. English learning Raisoni Pune 13. Moodle training, GHRIET, PUNE 14. One Week iOS development Program 15. NEP Faculty Development Programs

Paper Publication Details:

- **SCI** - Geeta Atkar, Dr. Priyadarshini J., “Speech synthesis using generative adversarial network for improving readability of Hindi words to recuperate from dyslexia”, **Neural Computing & Applications**, DOI: 10.1007/s00521-021-05695-3, 15 Feb, 2021 (**Science Citation Indexed Expanded and Scopus Indexed**)
- **Scopus Indexed Journal**- A Meta Multi-Objective Reinforcement Learning Framework For Non-Orthogonal, Age-Optimized Information Dissemination in Vehicular Networks, International Journal of Basic and Applied Sciences, Vol. 14 No. 5 (2025), 31/08/2025
- **Scopus Indexed Journal**- Blockchain-Based Edge Computing: Joint Task Offloading and Mining with Multi-Agent Reinforcement Learning, Journal of Theoretical and Applied Information Technology, R. Anil Kumar, Sarala Patchala, Sunitha Pachala, Mahalaxmi U.H.B.K., and Angara Satyam. (2025)
- **Scopus Indexed Journal**- Multi-agent learning for UAV networks: a unified approach to trajectory control, frequency allocation and routing, International Journal of Basic and Applied Sciences, Angara Satyam 1*, R. Anil Kumar2, Sarala Patchala3, Sunitha Pachala4, Geeta Bhimrao Atkar5, U. S. B. K. Mahalaxmi, 14 (2) (2025) 189-201,11/06/2025
- ICCUBEA 2025, Paper published
- COMPONENT DETECTION WITH DEEP LEARNING A REVIEW, International Journal of Creative Research Thoughts, ISSN-2320-2882, Volume 9, Issue 11, 11 November 2021
- Emotion Sense:-Real-time Speech Emotion Recognition for live calls, Sudharshanam Buddha, Rohan Sawant; Sumit Singh Ingle; Rushikesh Suryawanshi; Geeta Atkar, IEEE conference, 10.1109/ICAIT61638.2024.10690432, 24 Oct 2024,
- **Scopus Indexed Journal** -“Advanced Mel-GAN for Speech Synthesis by Improving Receptive Field for Speech Generation”, Geeta Atkar, Dr. Priyadarshini J., **Design Engineering (Toronto)** ISSN:0011- 9342, Issue 7, Page No: 11527-11534, Sept. 2021
- **Scopus Indexed Journal** -Advanced machine learning techniques to assist dyslexic children for easy readability, international journal of scientific & technology research, issn 2277-8616 volume 9, issue 03, March 2020
- Artificial Intelligence Chatbot Messenger, IJRESM, ISSN-2581-5792, Page(s): 568-571, https://ijresm.com/Vol.3_2020/Vol3_Iss3_March20/IJRESM_V3_I3_147.pdf, March 2020
- Advancement on Substitution Cipher using Multiple Substitution Table, Aman Roy; Aadesh Mirajkar; Geeta Atkar **IEEE ICUBEA**, [10.1109/ICCUBEA47591.2019.9128664](https://doi.org/10.1109/ICCUBEA47591.2019.9128664), 2019
- Indoor target tracking using improved RSSI In WSN", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN: 2349-5162, Vol.6, Issue 1, page no.141-145, January-2019.

- Enhancing Readability of Dyslexic Children by Machine Learning Techniques—A Survey, Proceedings of the Third International Conference on Microelectronics, Computing and Communication Systems, **Springer EBook Chapter**, pp 117-127, 2018.
- Dyslexia the gift: EBOOK chapter
- Diagnosis Children's with Dyslexia Using Machine Learning Technique, Journal of Artificial Intelligence, Machine Learning and Soft Computing, 2018, VOL 3 SSUE 1,PAGE 1 TO 4
- Survey Paper on Android Based Smart Toll System Using QR Code, International Journal of Science and Research Technical Education (IJSRTE) – 2018
- Ingenious Cart for Adroit Shopping-A survey, Journal of Applied Science and Computations, Volume 5, Issue 11, ISSN NO: 1076-5131, November 2018
- Review on Advanced Machine Learning Techniques for Solving Problem of Dyslexia in children, IJETSR, www.ijetsr.com, ISSN 2394–3386, Volume 4, Issue 8, August 2017.
- Implementation of Security and Privacy on Fog Computing using Decoy Technique, International Engineering Research Journal (IERJ), Volume 2 Issue 9, Page3446-3448,2017 ISSN 2395-1621.
- Smart Card Based Digitalization Of India Using Rfid Technology, International Journal of Computer Engineering and Applications, Volume XI, Issue XI, ISSN 2321, Nov. 17, www.ijcea.com
- Heuristic approach of Adaptive Policy Based security using SDN, International Journal of Emerging Technologies and Innovative Research (www.jetir.org),ISSN:2349-5162, Vol.4, Issue 7, page no.113-116, July-2017

- An Analytical Survey on Policy making for Software Defined Networks. International Journal of Computer Trends and Technology (IJCTT) V 42(2):86-89, December 2016. ISSN:2231-2800
- Online Recharge portal (paykar), Journal-IERJ, Volume-02,1877-1879, 01-10-2016
- Data de duplication using ALG for Cloud backup services, International Journal of Computer Application, (Special issue, Issue 5, Volume 2 (January 2015)
- Review of Comparison between Single orthogonal Transform and hybrid transform for storing color information in gray scale image Enhanced performance of Color to gray and back by using Hybrid Wavelet Transform, JOURNAL-IJETAE, Volume- 02,768-771, 01-11- 2012.
- Image color conversion from color to gray and back by using hybrid wavelet Transform, JOURNAL-IJETAE, Volume-03,455-459, 01-04-2013.
- Review-Firewall privacy preservation by packet filtering management, International Journal of Science and Research (IJSR), ISSN (Online): 2319 -7064, 2012
- Policy optimization and anomaly detection of firewall, International Journal of Science and Research (IJSR), Akshay Dattatray Kachare, Geeta Atkar, ISSN (Online): 2319-7064, ISSN (Online): 2319-7064 Index Copernicus Value (2013): 6.14 | Impact Factor (2013): 4.438 ,2013

Patent Filed

1. Cloud Data Storage Performance Analysis using Block Chain, Application No- 202421053171, Date of Filling-9/2/2024, Indian Patent
2. A-LOW Cost IOT Based Navigation Assistance for the visually Impaired, Application No- 202421036323, Date of Fillimng-8-5-2024

Copyright Published

1. Literary Category, Title of Copyright- Advanced Machine Learning Techniques For Improving Readability Of Dyslexic Children, L-91615/2020
2. Literary Category, Title of Copyright- Cyber security Portal For Effective Management Of Servers And Firewalls, L-155354/2024
3. Literary Category, Title of Copyright- Smart vehicle management of electric vehicle charging station by using google maps API, L155177/2024

Personal Information

Address: A-405, Mantra Blessings, Wagholi, Near Rising star English Medium School, Pune-412207, Maharashtra, India.

Date of Birth: 03/07/1988

Sex: Female

Blood Group: A+ve

Marital Status: Married

Husband Name: Mr. Govind Abaji Sable

Nationality: Indian

Languages: Write: English, Hindi, Marathi
Speak: English, Hindi, Marathi

Father's Name: Mr. Atkar Bhimrao N.

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Dr Geeta Sable