

# Ms. Margaret Joseph Salve

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## Present position

- Assistant Professor

## Contact Details



020-67656426



margaret.salve@fergusson.edu

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## Work Experience

- Teaching: 12 years (from 2010 – till date)

## Personal Profile

Dedicated and hardworking with teaching experience of over 12 years as Assistant Professor in Computer Science. Extensive conceptual knowledge of Programming Languages like C and C++, Java and Python. Resourceful understanding of fundamental networking concepts, data structures in Windows and UNIX environments. Adept at working with students to develop their potentials to the fullest.

Apart from teaching, actively involved in various initiatives at College including working in the Internal Quality Assurance Cell (IQAC), organizing workshops for students, and working as a trainer for various technical programs.

## Courses Taught

1. Data Structures using C
2. Object Oriented Concepts and Programming in C++
3. Distributed Database Concepts
4. Network Programming
5. Advanced Operating System
6. Object Oriented Software Engineering
7. Computer Networks
8. Fundamentals of Databases
9. Programming Fundamentals Using C
10. Advanced Programming Using C
11. Java Programming
12. Python Programming

## Field of Specialization/Areas of Interests

- Programming in C, Python
- Networking
- Cyber Security

## Education

- **Master of Science (Computer Science)** : 2010  
Savitribai Phule Pune University/Abeda Inamdar Senior College
- **Bachelor of Science- (Computer Science):** 2008  
Abeda Inamdar Senior College, Savitribai Phule Pune University, Pune

## Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
● Internal Quality Assurance Cell (IQAC) as Technical Assistance for Data Analysis, Data Management and Representation for NAAC: Cycle IV	-	-

## Employment History

- 1) **Organization** : Fergusson College (Autonomous), Pune  
**Role** : Assistant Professor  
**Duration** : July 2015 – till date

<b>Responsibilities</b>	<ul style="list-style-type: none"><li>● Worked as Lab Incharge for F.Y, S.Y and T.Y. B.Sc Computer Science</li><li>● Worked as Project Guide for T.Y.B.Sc Computer Science students</li><li>● Currently working in the Internal Quality Assurance Cell (IQAC) as Technical Assistance for Data Analysis, Data Management and Representation for NAAC: Cycle IV</li><li>● Worked as Technical Support for various LIVE events in the college</li><li>● Worked as Trainer for various training programs for Teaching and Non-Teaching Staff of the college</li></ul>
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**2) Organization : Abeda Inamdar Senior College****Role : Assistant Professor****Duration : August 2010 – April 2015**

<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Worked as Class Incharge during the tenure in the Institute</li><li>• Worked as Project Guide for the T.Y.B.Sc Computer Science and M.Sc Computer Science students</li><li>• Assisted in organizing various Workshops and Conferences</li></ul>
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**Participation in Conferences/Seminars/Symposia/Workshop:**

1. Khobragade, K., Salve, M. (2021). Internet of Things for Vehicular Pollution Monitoring and Controlling System. In: Rathore, V.S., Dey, N., Piuri, V., Babo, R., Polkowski, Z., Tavares, J.M.R.S. (eds) Rising Threats in Expert Applications and Solutions. Advances in Intelligent Systems and Computing, vol 1187. Springer, Singapore.  
[https://doi.org/10.1007/978-981-15-6014-9\\_44](https://doi.org/10.1007/978-981-15-6014-9_44)
2. Kavita Khobragade, Margaret Salve, Nishigandha Harpale (2020). Framework for Data Ethics in Healthcare. In: Glimpses of Engineering and Technology in the Modern World. Virudhunagar Hindu Nadars' Senthikumara Nadar College, Tamil Nadu (ISBN No. 978-81-942052-7-2)
3. Participated in National Seminar on 'Digital Image and Signal Processing' arranged by MAEER's Arts, Commerce And Science College, Pune
4. Participated in 3 days National Seminar on 'Recent Trends in Network and Mobile Security' at Ramkrishna More College.
5. Attended a workshop on 'New Choice based credit system for Post-Graduate Courses' arranged by PDEA's Baburaoji Gholap college

**Events Organized/Coordinated:**

<b>Sr. No</b>	<b>Name of the Event</b>	<b>Name of organizing Institute/ College/ University</b>	<b>Nature of contribution</b>	<b>Dates</b>
1.	National Conference organized at Abeda Inamdar Senior College on "Challenging Research Areas in Computer Science and Information Technology", Pune	Abeda Inamdar Senior College	Organizing Committee	10 <sup>th</sup> – 11 <sup>th</sup> January, 2014

2.	Co-Ordinated a Faculty Development Program on "LINUX Awareness"	Fergusson College (Autonomous), Pune	Joint Co-ordinator	23 <sup>rd</sup> – 26 <sup>th</sup> November, 2016
3.	Co-Ordinated a Student Development Program on LINUX for B.Sc Computer Science	Fergusson College (Autonomous), Pune	Joint Co-ordinator	11 <sup>th</sup> and 18 <sup>th</sup> August 2018
4.	Organized various Live Events in the College	Fergusson College (Autonomous), Pune	Technical Team Member	-
5.	"Online Training of Microsoft Teams" for Teaching staff members of Fergusson College, Kirti College, IMDR, JRVGTI	Fergusson College (Autonomous), Pune	Resource Person	May 2020 – August 2020
6.	Workshop on "Use of ICT for Teaching Staff"	Fergusson College (Autonomous), Pune	Trainer	-
7.	Training Program on "Easy Learn" : A hands-on Gmail and Google Drive	Fergusson College (Autonomous), Pune	Trainer	6th – 7th August 2021

### Consultancy Services:

- Provided Expertise in Recruitment Drive for KPIT Pvt. Ltd, Pune during Academic Year 2021-22