

Mrs. Sujata Dhananjay Sathe

Present position

- **Assistant Professor, Department of Computer Science** , Fergusson College (Autonomous), Pune.
- **Data Manager, Internal Quality Assurance Cell (IQAC)**, Fergusson College (Autonomous), Pune

Contact Details (Mention e-mail) – fergusson.edu or despune.org



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Work Experience

- **Since Teaching:16 years**
- **Research/Industrial: 2 years**

Personal Profile

Passionate and Hardworking person, with over 16 years of experience serving as an Assistant Professor in Department of Computer Science, Fergusson College (Autonomous)

Adept in teaching various subjects of Computer Science major being Design and Analysis of Algorithms, Data Analytics, Database Management System, Theoretical Computer Science along with lab course. Enjoy conducting preplacement activities for students. Guide the students for conducting Projects.

A committed faculty member, passionate about working to further enhance the educational offerings of an Institution and take up new challenges for quality initiatives.

Course(s) Taught (Only Titles)

- **‘C’ and ‘C++’ Programming**
- **Data Structures**
- **Database Management System**
- **Theoretical Computer Science**
- **Principles of Programming Languages**
- **Computer Graphics**
- **Data Analytics**
- **Software Engineering and UML**
- **Software Testing**
- **Design and Analysis of Algorithms**
- **Mathematical Foundation**
- **Object Oriented Software Engineering**
- **Computer Electronics**
- **Cyber Security**

Field of Specialization/Areas of Interests

- Design and Analysis of Algorithms.
- Cyber Security and Cryptography.
- Natural Language Processing.
- Machine Learning.
- Blockchain Technology

Education

- Master of Science (Scientific Computing) : 2009
Inter Disciplinary School of Scientific Computing, Savitribai Phule Pune University, Pune (Maharashtra.), India
- Bachelor of Computer Science: 2004
Fergusson College, Savitribai Phule Pune University, Pune (Maharashtra), India
- Currently pursuing Ph.D from Savitribai Phule Pune University.

Fellowship/Awards/ Certifications/Achievements/Recognitions

- Qualified MH-SET (State Eligibility Test) in the year 2016.
- Qualified IBM Academic Certificate exam for Business Intelligence Analyst 2018 Mastery
- Exam for Educators.
- Awarded LILA Poonawalla Merit Scholarships for two consecutive years (2007-08) by Ms. Kiran Bedi, Director General (Bureau of Police Research and Development), Ms. Vinita Bali, M.D. (BRITANIA) and Ms. Lila Poonawalla, Founder Member.
- Participated in “Teach India Initiative” Conducted by Times of India.
- Selected as Peace Ambassador for LILA Poonawalla Foundation for undergoing the Wholesome Leadership Development Training Programme in UK.
- Qualified ATAL Certificate Course on Blockchain Technology with the score of 93.33% in 2024.
- Worked as an Interviewer by providing expertise in recruitment Drive for KPIT Pvt. Ltd, Pune
- Worked as Resource Person for Online training of Cyber Schooling Conducted for all the schools of DES.
- Worked as Resource Person for Workshop on Preparation of NET/SET Exam

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
• Internal Quality Assurance Cell (IQAC) as Data Manager.		Examiner and Paper Setter
• Member of Digital Enabler Core Team , IDP Committee		
• Member of Community Engagement Programme (CEP) Core Team.		
• Project Guide		
• CEP and Field Project Co-ordinator		

Employment History

Example:

- 1) **Organization : Yashwantrao Chavan Academy of Development Administration (YASHADA), Pune**
Role : Database Manager
Duration : 2006- 2008.

Responsibilities	• Web Application Development for NGO Project, which provides various search engine options for making Directory of voluntary organizations in Maharashtra. • Database Creation and Management
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- 2) **Organization : Fergusson College (Autonomous), Pune**
Role : Assistant Professor
Duration : July 2009-till date

Responsibilities	• Teaching various Subjects of Computer Science in Undergraduate as well as Post Graduate Section. • Worked as Trainer for various training programs for conducted for Teaching and Non-Teaching Staff. • Worked as Project Guide for TY and PG Courses • Conducted Cyber Security Lectures for all the PG Courses • Worked as TY Lab In charge. • Worked as Examiner for C.A.P . • Working as Community Engagement Programme Co-ordinator (CEP and Field Project Co-coordinator (FP), for S.Y.B.Sc(C.S) NEP 1.0 • Working as Data Manager, IQAC Cell
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Research Projects

Nil

Title of the Project	Name of Funding Agency	Amount (Rs)	Duration (Year) (From To)	Type (Minor/Major)	Outcome

Research Publications in National and International Journals

Nil

Participation in Conferences/Seminars/Symposia/Workshop:

1. Participated in ATAL Faculty Development Programme on “Blockchain Technology” in September 2024.
2. Participated in Faculty Development Programme on “Natural Language Programming” in December 2024.

Events Organized/Coordinated:

Sr. No	Name of the Event	Name of organizing Institute/ College/ University	Nature of contribution	Dates
1.	Workshop on “Use of ICT for Teaching Staff”	Fergusson College (Autonomous), Pune	Trainer	June 2017
2.	Training Program on “Use of Google Drive for Non-Teaching/Office Staff of Fergusson College”	Fergusson College (Autonomous), Pune	Trainer	6th and 7th Aug 2021
3.	Online Training of Cyber Schooling	Deccan Education Society	Trainer	July 2020
4.	Workshop on Preparation of NET/SET Exam	Department of Botany & Department of Chemistry of Fergusson College (Autonomous)	Resource Person	12th March 2022

Course Content Developed (e-content)

Developed e-contents of Data Structures, Theoretical Computer Science , Design and Analysis of Algorithms etc.

Consultancy Services

Worked as an Interviewer by providing expertise in recruitment Drive for KPIT Pvt. Ltd, Pune