

# Mrs. Nishigandha Harpale

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## Present position

- Assistant Professor

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



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## Work Experience

- Teaching: 8 years
- Industrial: 9 months

## Personal Profile

- Currently conducting the courses for postgraduate program M.Sc. (Industrial Mathematics with Computer Applications) from 2019.
- Conducted courses for undergraduate program B.Sc (Computer science) from 2015 to 2019.
- Conducted Faculty development program at various DES institutes on ICT in 2017.
- Worked as a visiting faculty in Department of Animation, Fergusson College (Autonomous), Pune for conducting practical course on Web UI & UX.

## Course(s) Taught (Only Titles)

1. Database Management System
2. Theoretical Computer Science
3. Data Analytics using R Programming
4. Python Programming
5. Computer Networks
6. Software Engineering
7. UNIX Internals
8. Experiential Training Course on WEB UI and UX
9. Data Mining
10. C Programming
11. Java Programming
12. Optimization Techniques

### Field of Specialization/Areas of Interests

- Data Analytics
- Machine Learning
- Human Computer Interaction

### Education

- **Master of Technology - (Industrial Mathematics with Computer Applications):** 2013  
Department of Mathematics, Fergusson College, Pune
- **Bachelor of Science- (subject name):** 2009  
Department of Mathematics, Fergusson College, Pune

### Fellowship/Awards/ Certifications/Achievements/Recognitions

1. Completed IBM certification in Predictive Analytics Modeler - Explorer Award for Educators 2016.

### Member of College Committees/ Professional Bodies and Others

| College Level  | Professional Bodies | Others |
|--|---------------------|--------|
| • Team Member of Feedback Committee                                  | —                   | —      |
| • Team Member of OBE Committee                                       |                     |        |
| • Member of Fergusson College Alumni Association under Company Act 8 | —                   | —      |
| • Coordinated Cyber Security Course at Department level              | —                   |        |

### Employment History

Example:

- 1) Organization : Fergusson College (Autonomous), Pune  
Role : Assistant Professor  
Duration : 8 Years

### Responsibilities

- Conducting Courses for Various Programs
- Examination Work such as Paper setting
- Working for different committees etc.

- 2) Organization : Technit IT Enabled Services

Role : E-Tutor  
Duration : 9 Months + 1.5 months training

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|-------------------------|--|
| <b>Responsibilities</b> | <ul style="list-style-type: none"><li>• Conducting online sessions online for the international students for the applied mathematics</li><li>• Solving their queries</li></ul> |
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### **Research Publications in National and International Journals**

Published a Book Chapter on “FRAMEWORK FOR DATA ETHICS IN HEALTHCARE” in the book *GLIMPSES OF ENGINEERING AND TECHNOLOGY IN THE MODERN (ISBN No. 978-81-942052-7-2)*, published by Y.H.N. Senthikumara Nadar College (Autonomous)

### **Participation in Conferences/Seminars/Symposia/Workshop:**

1. Example: Sonali M Bhansode, Gaurav V Naik, Screening of *Semecarpus anacardium* extracts for assessing antioxidant, anti-arthritis and DNA damage protection activity, Regional Research Conference “**Innovation- 2015**”, DES Fergusson College, Pune, June 2015