# Trupti Ramchandra Bhosale

## Present position

- **Assistant Professor**

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

- 📞 **+919689554415**
- ✉️ **trupti.bhosale@fergusson.edu**
- in **Trupti Bhosale**

## Work Experience

- **Teaching: 10 year**

## Course(s) Taught (Only Titles)

1. **Discrete Mathematics**
2. **Graph Theory**
3. **Numerical Techniques**
4. **Operations Research**
5. **Optimization Techniques**

## Field of Specialization/Areas of Interests

- **Differential Equations**
- **Numerical Techniques**
- **Graph Theory**
- **Optimization Techniques**
- **Python Programming**
- **C Programming**
- **Scilab Programming**

## Education

- **Master of Science/Arts- (Mathematics)**: year 2013
  University/College: Department of Mathematics,University of Pune.

- **Bachelor of Science- (Mathematics):**  year 2011
  College, University, Place: University of Pune, Ganeshkhind road,Pune.

- **SET -(Mathematics) :** year 2019
  Savitribai Phule Pune University

## Member of College Committees/ Professional Bodies and Others

| College Level | Professional Bodies |
|---|---|
| • Board of Studies for Bsc(C.S)<br>• Board of Studies for MSc Mathematics | Indian Academy of Industrial and Applicable Mathematics, Pune. |

## Employment History

1) **Organization : Fergusson College,Pune**
   **Role        : Assistant Professor (Department of Computer Science)**
   **Duration    : 10 years**

| Responsibilities | • Handled Exam coordinator for F.Y.BSc(C.S) for 3 years<br>• Departmental coordinator for "Democracy" subject(Extra credit Course) |
|---|---|

2) **Organization : Abeda Inamdar Senior College,Pune**
   **Role        : Assistant Professor**
   **Duration    : 6 months**

| Responsibilities | • Taught MCA: Mathematical Foundation |
|---|---|

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

1. Attended workshop on "National Intellectual Property Awareness" organise by "Fergusson College,Pune on 13th August,2022.
2. Attended FDP on "Scilab" organised by Pimpri Chinchwad College of Engineering,Pune on 21st-26th May,2020.
3. Attended Faculty Development Program on "Data Science using Python and Machine learning organised by "Fergusson College,Pune on 16th December 2019.
4. Attended State level workshop in Latex and Maxima organised by "Bhaskaracharya Pratisthan ,Pune on 30th December,2019.
5. Attended State level workshop on 'Application of Mathematics' at MIT –World Peace university ,Pune from 6th April 2018 to 7th April,2018.
6. Attended State level Seminar on "Exploring Effective Pedagogies in Mathematics Modern College of Arts, Science and Commerce, Pune on 9th January, 2016.
7. Attended workshop entitled "Scilab Programming" organized by Modern College of Arts, Science and Commerce, Pune on 30th September, 2014.
8. Attended workshop on "Mathematical practical's on Scilab" organized by Abeda Inamdar Senior College, Pune on 8th August, 2014.
9. Attended National Conference entitled "Emerging Trends in Computer Science and Computer Application'' held at Fergusson College, Pune on 7-8th December 2013.

10. Attended workshop entitled "Symposium in Mathematics" held at Department of Mathematics, University of Pune on 15th March 2012.
11. Attended "Research Orientation" workshop held at Dr. D .Y. Patil College, Pune on 2nd March, 2010.

## Events Organized/Coordinated:

| Sr. No | Name of the Event | Name of organizing Institute/ College/ University | Nature of contribution | Dates |
|--------|-------------------|---------------------------------------------------|------------------------|-------|
| 1. | Coordinated 'Bits and Bytes' Fest of Computer Scicence Department | Fergusson College,Pune | Teacher Coordinator | December 2017 |
| 2. | Coordinated 'Bits and Bytes' Fest of Computer Scicence Department | Fergusson College,Pune | Teacher Coordinator | January 2018 |
| 3. | Coordinated 'Bits and Bytes' Fest of Computer Scicence Department | Fergusson College,Pune | Teacher Coordinator | April 2022 |

## Additional Activities

1. Author of SPPU, S.Y.BSc (Computer Science) -Mathematics CBCS(2020) Semester-I , Paper-II "Numerical Techniques-II" Textbook.
2. Worked as an External Examiner in S.Y.BSc (Computer Science) Mathematics Practical examination in April 2016-2017 at  Modern College of Arts,Science and Commerce Senior College, Pune.
3. Worked as an External Examiner in S.Y.B.Sc (Computer Science) Mathematics Practical examination in April 2015-2016 at Abeda Inamdar Senior College, Pune.

## Course Content Developed (e-content)

1. Power Point Presentation made for Online lectures.

## Consultancy Services

1. Worked as Trainer in Mathematics for employees of KPIT Pvt.Ltd.