

Priya Maini

Present position

- Assistant professor

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



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priya@fergusson.edu

Work Experience

- Teaching: 12 years
- Research/Industrial: NIL years

Personal Profile

12+ teaching experience of various mathematics courses.

Course(s) Taught (Only Titles)

1. Operations Research
2. Multivariable Calculus
3. Optimization Techniques
4. Mathematical Foundation
5. Graph theory
6. Computational Geometry

Field of Specialization/Areas of Interests

- Optimization Techniques
- Coding using Python
- Mathematical foundations for Data Science

Education

- **Master of Science (Mathematics honors):** 2004
Panjab University , Chandigarh
- **Bachelor of Science (Mathematics honors):** 2002
Panjab University , Chandigarh

Fellowship/Awards/ Certifications/Achievements/Recognitions

1. NBHM scholarship in B.Sc.(Hons)

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
<ul style="list-style-type: none"> • Member of B.Sc.(Computer Science) Board of studies (Mathematics) 	Life member of IAIAM, Pune	
<ul style="list-style-type: none"> • Member of F.Y.B.Sc. admission teams 		
<ul style="list-style-type: none"> • Member of M.Sc. Data Science admission team 		
<ul style="list-style-type: none"> • Member of M.Sc. entrance exam team 		
<ul style="list-style-type: none"> • Handled Examination data for F.Y.B.Sc. and S.Y.B.Sc. for 4 years 		

Employment History

Example:

- 1) **Organization : Gyan Jyoti Institute of Management and Technology , Chandigarh**
Role : Lecturer
Duration : 1 year 9 months

Responsibilities	<ul style="list-style-type: none"> • Taught Operations Research to M.B.A students • Taught Mathematical Foundation to B.B.A students
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- 2) **Organization : Fergusson College ,Pune**
Role : Assistant Professor
Duration : 10 years

Responsibilities	<ul style="list-style-type: none"> • Taught Optimization Techniques , Mathematical Foundation to M.Sc.(Data Science) students
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	<ul style="list-style-type: none"> • Taught Operations Research, Multivariable calculus to B.Sc.(Computer Science) students • Taught Operations Research ,graph theory to M.C.A students
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Participation in Conferences/Seminars/Symposia/Workshop:

1. “Emerging Optimization Techniques for Engineering Applications “ workshop from 27th sept,2021 – 1st oct 2021.
2. Five Days National Level Faculty Development Program on Recent advances in Mathematics from 8th august 2022 to 12th august 2022.
3. Five day Online Faculty development program on “ Foundations and insights of Deep Learning “ from 6th July-10th July 2020.
4. 2-day Faculty Development Program on “Online Teaching & E-content “ from 3rd -4th June,2020
5. One week FDP on “Scilab “ by spoken tutorial ,IIT,Bombay.
6. Attended Webinar of “Introduction to Machine Learning “ by Mr. Sachin Ichake on 7/4/2020
7. Attended webinar for “e content development” by Dr. Vishwanath Bite on 10/4/2020

Events Organized/Coordinated:

Sr. No	Name of the Event	Name of organizing Institute/ College/ University	Nature of contribution	Dates
1	Bits n Bytes	Computer Science Department	Member	December, 2018

Additional skills/Activities

1. Basics of Python Programming
2. Geogebra software
3. Excel Solver for Optimization Techniques

Course Content Developed (e-content)

1. Power point presentation made for online Lectures
2. Paper at college level

Course Content Developed (e-content)

1. Trained KPIT talents for mathematics Basics.