

Hrishikesh Vidyadhar Khaladkar

Present position

- **Assistant Professor**

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

 **020-67656668**

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Work Experience

- **Teaching: 11 years**
- **Research:**

Personal Profile

Academic:

- 11 years (From July 2011)
- (11 years PG)
- Conducted Courses of Data Science for Business and. Machine Learning using Advanced Analytical tools at IMDR Pune
- Conducted various trainings under DES-IBM collaboration on Statistics and R Programming
- Conducted session on R Programming for PGDBA Programs
- Conducted a course on Computer Graphics in Defense Institute of Advanced Technologies, Khadakwasala, Pune

Research:

Course(s) Taught (Only Titles)

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1. Pure Mathematics:

- a. Real Analysis
- b. Complex Analysis
- c. Linear Algebra
- d. Topology
- e. Functional Analysis
- f. Measure Theory
- g. Advanced Calculus

2. Applied Mathematics:

- a. Numerical Analysis
- b. Operations Research and Optimization Techniques
- c. Ordinary Differential Equations
- d. Dynamical Systems
- e. Data Science for Business
- f. Machine Learning using Advanced Analytical Tools
- g. Digital Image Processing
- h. Data Mining
- i. Design and Analysis of Algorithms
- j. Mathematical Finance
- k. Applied Linear Algebra

Field of Specialization/Areas of Interests

- Pure Mathematics:
 - a. Real Analysis
 - b. Applied Linear Algebra
- Applied Mathematics
 - a. Probability and Statistics
 - b. Machine Learning
 - c. Algorithms
 - d. Statistical Inference

Education

- **Master of Science (Mathematics):** 2010
Department Of Mathematics, Sir Parshurambhau College, Pune-30
- **Bachelor of Science- (Mathematics):** 2006
Department of Mathematics, Fergusson College, Pune-4

Fellowship/Awards/ Certifications/Achievements/Recognitions

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
<ul style="list-style-type: none"> Working as Placement Coordinator for M.Sc. IMCA since Academic Year 2018-19 	Life Member of IAIAM, Indian Academy of Industrial and Applicable Mathematics.	
<ul style="list-style-type: none"> Coordinating PMRF Sessions since 2021-22 		
<ul style="list-style-type: none"> Coordinated and delivered sessions for various workshops for M.Sc. IMCA 		

Employment History**Research Projects**

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

Events Organized/Coordinated:

Sr. No	Name of the Event	Name of organizing Institute/ College/ University	Nature of contribution	Dates
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Additional skills/Activities**Course Content Developed (e-content)****Consultancy Services**

