

Faculty Profile



Name: NIRMALA MOTIRAM MORADE

Position: Assistant Professor

Department of Mathematics

SVKT College, Deolali Camp, Nashik (MS) India

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Educational Qualifications:

National Eligibility Test(RANK 50)

2009, CSIR-UGC, Delhi

M.Sc. Mathematics

1999- KTHM College, Nashik (MS) India

B.Sc. Mathematics

1997- KTHM College, Nashik (MS) India

Area of Interest:

- Fractional Calculus
- Linear Algebra
- Fuzzy Logic
- Yoga

Teaching Experience:

- Senior College at Postgraduate classes: **11years**
- Senior College at Undergraduate classes: **21years**
- Recognition as PG Teacher (by paper) in Mathematics from subject from 26/08/2010 to 25/08/2015.

Training Programmes

Sl.No.	Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
1	Orientation Course	Academic staff college, University of Pune, Pune	03/10/13 to 30/10/13	UGC
2	Refresher Course Mathematics/ Statistics	Academic staff college, Dr.Babasaheb Ambedkar University , Aurangabad	02/03/15 to 25/03/15	UGC
3	FDP (Mathematical Softwares in Teaching & Research)	KTHM College, Nashik	25/06/2019 to 04/07/2019	UGC, Human Research Development Centre
4	FDP(Effective Ways To Develop E-Content for Teaching – Learning)	Online (KTHM College, Nashik)	21/05/20 to 30/05/20	UGC, Human Research Development Centre

5	FDP (Course- Linear Algebra)	SWAYAM	Sep-Dec 2020 (12 week course)	Ministry of HRD, Govt. of India
6	FDP(Managing Online Classes & Co-creating)Moocs)	Online (Teaching Learning Centre, Ramanujan College, University of Delhi)	20/04/2020 to 06/05/2020	Govt. of India Ministry Of Human Research Development
7	FDP(Research Methology)	Online (Teaching Learning Centre, Ramanujan College, University of Delhi)	01/10/2020 to 15/10/2020	Govt. of India Ministry Of Human Research Development
8	Online FDP	Mathematical Concepts By Using Free Open Source Softwares (Foss)	21/07/2020 to 25/07/2020	Department of Mathematics, BMSIT&M, Bengaluru
9	FDP (Refresher Course in Mathematics)	Online (Teaching Learning Centre, Ramanujan College, University of Delhi)	16/03/2021 to 30/03/2021	Ministry Of Human Research Development
10	Online International FDP	THE ROLE OF LINEAR ALGEBRA IN MACHINE LEARNING, ARTIFICIAL INTELLIGENCE & DATA SCIENCE	29/11/2021 to 03/12/2021	Departments of Mathematics and Humanities, Computer Science Engineering and Information Technology, Mahatma Gandhi

				Institute of Technology, Hyderabad
11	Online National Level Short Term Training Program On LaTeX	Online	08/04/2022 to 13/04/2022	Modern Education Society's College of Engineering , Pune.

Conference Proceedings

Title of the paper	Title of the proceedings of conference	Name of the conference	National / international	Year of publication	ISSBN /ISSN number of the proceeding
Some Graph Energies and Their Applications	Proceedings Of International E-Conference on Modern Mathematical Methods and High Performance Computing in Science and Technology ICMMMHCST 2021	INTERNATIONAL E-CONFERENCE ON MODERN MATHEMATICAL METHODS AND HIGH PERFORMANCE COMPUTING IN SCIENCE AND TECHNOLOGY ICMMMHCST 2021	International	2021	ISBN NO.: 978-81-951315-2-5
A survey on Energy of Graphs	International Conference on Applied Mathematics and Science (ICAMS-21)	International Conference on Applied Mathematics and Science (ICAMS-21)	International	2021	-

Administrative Experience:

Sr. No.	Name of the Committee	Designation
1	Nirbhaya Kanya Abhiyan	Chairman
2	Career & Guidance	Chairman
3	Women Welfare	Member
4	Science Association	Member
5	Discipline	Member
6	Admission	Member
7	Award	Member

Publications:

Sr. No.	Title of the Paper	Name of The Journal	Volume and Page No.	ISSN /ISBN	Impact Factor
1	Reduction method using minimum supply and demand to find an initial basic feasible solution of Transportation Problem	International Journal of Computer Sciences and Engineering .	Volume 7 Page no. 46-50 (31 st January 2019)	E_ISSN : 2347- 2693	3.802
2	New Method to find initial basic solution of Transportation Problem using MSDM	International Journal of Computer Sciences and Engineering	Volume 5 Page no. 223(31 st December 2017)	E_ISSN : 2347- 2693	3.022

Book

Name of the Teacher	Title of the book/chapters published	Year of publication	ISSBN number	Name of Publisher
Smt. Nirmala M. Morade	CALCULUS OF SEVERAL VARIABLES FOR BEGINNERS: (For B.Sc. Students) https://www.amazon.com/CALCULUS-SEVERAL-VARIABLES-BEGINNERS-Students/dp/B09DMP89B9/ref=sr_1_8?dchild=1&keywords=calculus+of+several+variables&qid=1630478372&rnid=283155&s=books&sr=1-8	2021	ISBN-13: 979-8465208000	Independently published (August 28, 2021)

Extension Activities and Community Services

- Participated in Cleanliness awareness Rally
- Participated in “Ganesh Murti Collection at Sansari Goan (Nashik)”

Academic Benchmarking

- Produced e-content for SPPU
- I have own you-tube channel. In future to create more effective e-content for students.
- Successfully Completed the FDP related to the e-content development and Mathematical Softwares.

Future Priorities

Sr. No.	Particular
1.	To write a Reference Book on Linear Algebra
2.	To register for Ph D
3.	To write a research paper
4.	To create MOOCS
5.	To do something for our Society like to teach basic mathematical concepts to children's in orphanage and rural schools, to create awareness among women about mental and physical health, to spread awareness about "YOGA"