Curriculum-Vitae

Mrs. Jyoti Pramod Kharade
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Personal Profile:

Date of Birth: 17th September 1985
Address: "Yashomai" Row house no. 4, Kalikapuram,
        Chile colony, Kolhapur, 416012.
Languages Known: Marathi, Hindi, English and Sanskrit
Research Interest: Analysis, Fractional Differential Equations
Courses Undertaken: MSCIT, English Typewriting 30-40 wpm, ModiLipi.

Educational Qualification: M.Sc., SET, NET (JRF), GATE.

Sr. No.	Degree	Subject	University/ Board/ Organizing Institute	Passing Year	Percentage
1	GATE	Mathematics	IIT Delhi	2012	All India rank 189
2	NET(JRF)	Mathematics	CSIR-UGC	2011	Qualified
3	NET(JRF)	Mathematics	CSIR-UGC	2010	Qualified
4	SET	Mathematics	Pune	2010	Qualified
5	M.Sc.	Mathematics	Pune	2008	87.00%
6	B.Sc.	Mathematics	Pune	2006	81.33%
7	H.S.C.	Mathematics	Pune	2003	75.00%
8	S.S.C.	Mathematics	Pune	2001	76.80%

Teaching Experience: 13 Years

- **Post Graduate:**
    1. Lecturer in Mathematics at Department of Mathematics, New Arts Commerce and Science College, Ahmednagar, July 22, 2008 to April 30, 2009.
    2. Assistant Professor in Mathematics at Department of Mathematics, Shivaji University, Kolhapur, since December 09, 2010.
- **Under Graduate:**
    1. Lecturer in Mathematics at Radha Bai Kale MahilaMahavidyalaya, Ahmednagar,July22, 2009 to April 30, 2010.
    2. Lecturer in Mathematics at S.B.Patil College of Engineering, Indapur, August 20,2010 to December 7, 2010.

Courses Tought:

- **Undergraduate Level:-**

Discrete Mathematics, Linear Algebra, Business Mathematics, Algebra and Geometry, Calculus, Numerical Methods.

- **Postgraduate level:-**

Number Theory, Discrete Mathematics, Complex Analysis, Measure and Integration, Real Analysis, Integral Equations, Differential Equations, Partial Differential Equations.

Research Projects:

Sr. No	Title	Funding Agency	Funds in Rupees	Status/ Period	Principal Investigator/ Co-investigator
1	A study of Impulsive psi-Hilfer Fractional Differential Equations	**Shivaji University, Kolhapur**	**95,000**	**2018 TO 2020**	**Principal Investigator**

Books Co-Authored:

Advanced Discrete Mathematics, Shivaji University Press, 2014, (with M.T.Gophane) (ISBN: 978-81-8486-669-8).

Research Publications:

1. K. D. Kucche, **J. P. Kharade**, Analysis of Impulsive φ–Hilfer Fractional Differential Equations, Mediterranean Journal of Mathematics, 17, 163 (2020). https://doi.org/10.1007/s00009-020-01575-7 **(Impact Factor: 1.216)**

2. K. D. Kucche, **J. P. Kharade**, Global Existence and Ulam-Hyers Stability of Ψ-Hilfer Fractional Differential Equations, Kyungpook Mathematical Journal, 60(3) (2020), 647-671 .

3. K. D. Kucche, **J. P. Kharade**, J.V.C. Sousa, On the Nonlinear Impulsive Ψ–Hilfer Fractional Differential Equations, Mathematical Modelling and Analysis, 25 (4) (2020), 642– 660. **(Impact Factor: 0.957)**

4. **J. P. Kharade**, K. D. Kucche, On the impulsive implicit Ψ-Hilfer fractional differential equations with delay, Mathematical Methods in the Applied Sciences, (2019), https://doi.org/10.1002/mma.6017. **(Impact Factor: 1.626)**

5. Solving Partial Integro-Differential Equations Using Laplace Transform Method, **J. Thorwe**, S. Bhalekar, American Journal of Computational and Applied Mathematics, 2(3) (2012) 101-104 DOI: 10.5923/j.ajcam.20120203.06.

Research Paper Presentation in Conferences :

- Presented paper on "On the nonlinear impulsive Ψ-Hilfer Fractional Differential Equations" at the 3rd International Conference on "Mathematical Modelling, Applied Analysis and Computation-2020" which was held on August 07-09, 2020 at JECRC University, Jaipur.
- Presented paper on " Existence Results for Non Linear Impulsive Ψ-Hilfer Fractional Differential Equations " in the National Conference on " Recent Developments in Pure and Applied Mathematics-2019" , at Y.C. Institute of Science, Satara during 26-27 February 2019
- Presented paper on "Existence and Ulam Stability of Ψ-Hilfer Fractional Differential Equations" at the 2nd International Conference on "Mathematical Modelling, Applied Analysis and Computation-2019" which was held on August 08-10, 2019 at JECRC University, Jaipur.
- Presented paper on " Existence and Ulam-Hyers Stability of ψ-Hilfer Fractional Differential Equations" in the National Conference on "Advances in Differential Equation-2018", at Vivekanand College, Kolhapur on 29 September 2018.
- Presented paper on " Solving Partial Integro-differential Equations using Adomian Decomposition Method and Laplace Transform Method" in a National Conference on Mathematical Sciences, organized by School of Mathematical Sciences, North Maharashtra University, Jalgaon, March 4, 2012.

Conferences attended:

- National Seminar on Differential Equations and Dynamical Systems - 2017 organized by the Department of Mathematics, Shivaji University, Kolhapur during February 27-28, 2017.
- UGC-NBHM sponsored "National Workshop on Algebra-2015", Department of Mathematics, Shivaji University, Kolhapur, December 21-26, 2015.
- National conference on Dynamical systems held in Dec 2013 by Department of Mathematics Shivaji University, Kolhapur.
- Participated in 77th Annual Conference of Indian Mathematical Society, held at Swami Ramanand Teerth Marathawada University, Nanded during 27-30 December2011.
- Participated in the National Conference on "Lebesgue Measure and Integration" at New Arts Commerce and Science College,Ahmednagar, during Feb.2008.

Refresher and Orientation Courses:

- Interdisciplinary Refresher course in "**Recent Trends in Teaching-learning Technologies** " organized by UGC -Human Resource Development center, Savitribai Phule Pune University, Pune at Department of Education, Shivaji University, Kolhapur during the period 08/12/2018 to 28/12/2018.
- UGC sponsored Special Winter School (Mathematics) conducted at Department of Education, Shivaji University, Kolhapur 03/07/2017 to 23/07/2017.

Workshops attended:

- National workshop on "Fractional Calculus: Theory and Applications", at University of Pune, Pune, during November 2012.
- International workshop on "Complex Analysis and Its Applications" at Walchand College of Engineering, Sangli, during June 2012.
- Advanced Training Mathematics School for Lecturers in "Real Analysis and Measure Theory" (Supported by NBHM) at University of Delhi, Delhi, during April 2012.
- Workshop on "Challenges before Higher Education in 21st Century" at Shivaji University Kolhapur, December 2011.
- Orientation Programme on "Innovative Teaching Techniques and Professional Development of University Teachers" held at Department of Education, Shivaji University Kolhapur, December 2011.
- Advanced Training Mathematics School for Lecturers in Differential Equations (Supported by NBHM) at M.S.University,Baroda,during June2011.
- One Day University Level Workshop sponsored by BCUD, University of Pune on "Discussion on F.Y./S.Y.B.Sc. Mathematics syllabus", at Akole, Ahmednagar, during Feb.2010.
- One day workshop on "Fractional Differential Equations: Analysis and Applications" which was held at Department of Mathematics, Shivaji University, Kolhapur on 9th March 2020.
- One week faculty development program on "Scilab" organized by Rajarshi Shahu Mahavidyalaya, Latur and Spoken Tutorial Project, IIT Bombay, during 01 May 2020 to 07 May 2020.
- One week Online Faculty Development Programme on "Educational Video Creation (E-Content Development)" organised by Department of Computer Science & Engineering of Bharati Vidyapeeth's College of Engineering, Kolhapur from 5-6-2020 to 10-6-2020.
- Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0" organized by Teaching learning center, University of Delhi, New Delhi, during May 18 - June 03, 2020.
- One Week Online Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" organized by Jhulelal Institute of Technology, Nagpur, during 6th -11th May 2020.
- One Week National Online Faculty Development Program on ICT Tools for Effective Teaching Learning, from 11th to 16th May 2020, organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.

Membership of Academic Bodies:

- Shivaji University Mathematical Society (SUMS)