

Prof. (Dr.) D. B. Pachpatte

Personal Information: Date of Birth 28 May 1969, Gender: Male, Nationality: Indian
Professor, Department of Mathematics, (Since May 2008)

Dr. BabasahebAmbedkarMarathwada University,
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Objectives: Contributing towards the research that would enrich my experience and creativity in Mathematical inequalities and its applications.

Educational Qualification:

Ph.D:Title of thesis: Some contributions to the theory of Integrodifferential equations.

Master of Science(M.Sc) : June 1992 with 68% (**IIIRD Rank University**) (**Computer Science**) Department of Computer Science, Marathwada University, Aurangabad.

Master of Science(M.Sc) :June 1994 with 58% (**Mathematics**), Department of Mathematics, Dr. BabasahebAmbedkarMarathwada University, Aurangabad

Teaching/Research Experience:

□□**July 1996 to July 2005 : Scientist “B”,** National Informatics Center, Government of India

□□**July 2005 to May 2008 : Lecturer in Mathematics,** (S.B.E.S College, Aurangabad.)

□□**May 2008 to till July2017: Assistant Professor,** Dept of Maths, Dr. B.A.M.U. Aurangabad

□□**July 2017 to Feb 2021 : Associate Professor,** Dept of Maths, Dr. B. A. M. U, Aurangabad

□□**Feb 2021 to till date: Professor,** Dept of Maths, Dr. B. A. M. U, Aurangabad

Courses Taught/Teaching(M.Sc courses, M.Phil Courses, Pre-Ph.D. Courses)/Graduate.

1. Real Analysis (Core Course- M. Sc.)
2. Measure theory and Integration (Core Course- M. Sc.)
3. MATLAB Programming (Optional Course- M. Sc.)
4. Difference Equation (Optional Course- M. Sc.)
5. Research Methodology: Latex, Matlab tools (M. Phil. Core Course)

Research Student Guidance:

Ph.D: 08 (Completed) M. Phil.: 02 (Completed)

Research Projects Completed:

- 1) F.No 37-538/2009(SR), Study of some properties of solutions to nonlinear dynamic equations on time scales, University Grants Commission(UGC), New Delhi, Amount Approved Rs 1,35,000/-, Duration Feb 2010-Jan 2012, Status: Completed.
- 2) F. No. SB/S4/MS:861/13, Study of Certain Dynamic Inequalities on Time Scales, Science and Engineering Research Board(SERB). Amount Approved 13,62,000/-. Duration 18 March 2015 to 17 March 2018. Status: Completed.

Membership of Professional Societies:

- Member of American Mathematical Society (AMS),
- Research Group in Mathematical Inequalities and Applications (RGMIA),
- International Society for Difference Equations (ISDE)
- Indian Mathematical Society(IMS).

Grants, Fellowships and Awards:

1. **European Union** Erasmus+ KA107, 2019-22 program fellowship from European Union,

Oct 25-29, 2021. Teaching at University of Santiago de Compostela, Spain

2. **NBHM Travel grant** for attending workshop “ Fractional PDEs: Theory, Algorithms and Applications” at ICERM, Brown university, USA June 18-22, 2018 .

3. **Grant from ICERM**, Brown university, USA for attending workshop “ Fractional PDEs: Theory, Algorithms and Applications”, June 18-22, 2018.

4. **Executive Committee of ICIAM 2015** grant for 8th International Congress of Industrial and Applied Mathematics(ICIAM), Beijing, China, 10-14 August 2015.

5. **University Foreign Travel Grant** 8th International Congress of Industrial and Applied Mathematics(ICIAM), Beijing, China, 10-14 August 2015.

6. **University Foreign Travel Grant** to attend 6th International Conference on Dynamic Systems and Applications, Atlanta , Georgia, USA, May 2011.