

## RESUME

Name: **Dr. Akhilesh Prasad**

Designation: Associate Professor

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Educational Qualifications: M.Sc, Ph.D(Mathematics)  
(Uniform Academic Records with first class up to M.Sc)

Ph.D: Awarded in 2002 from Department of Mathematics  
Banaras Hindu University-Varanasi-221005

Title of Ph. D Thesis: Pseudo-differential Operators on Gevrey Spaces

Specialization: Pure Mathematics

Research Interests: Pseudo-differential Operators, Distribution Theory, Wavelets.

Reviewer of Journal: (i) Applied Mathematics Letter (Elsevier)  
(ii) Journal of Applied Mathematics (Hindawi)

### Research / Teaching / Project Experience:

1. Research Scholar under the supervision of Prof. R.S. Pathak, Department of Mathematics, BHU-Varanasi since January 1998 to February 2002.
2. Lecturer, Department of Mathematics, Jagatpur P.G College Varanasi, affiliated to V.B.S. Purwanchal University Jaunpur since Aug 2003 to Nov 2004.
3. Principal Investigator of major research project entitled "Pseudo-Differential Operators and the Hankel Transform on Gevrey Spaces" from DST, Govt. of India, New Delhi under SERC FAST TRACK Proposal for Young Scientists Scheme-2003 since December 01, 2004 to September 06, 2007.
4. Teaching continuously from session 2005-2006 to September 06, 2007 in the Department
5. of Mathematics, Banaras Hindu University, Varanasi.

6. 5. Assistant Professor, Department of Applied Mathematics, ISM-Dhanbad since September 07, 2007 to September 06, 2010.
7. 6. Associate Professor, Department of Applied Mathematics, ISM-Dhanbad continuously from September 07, 2010.
8. Principal Investigator of Minor Research Project entitled "A Pseudo-Differential Operator Involving Hankel Transform on Gevrey Spaces" from ISM- Dhanbad, since August 01, 2008 to July 31, 2010.
9. Principal Investigator of Major Research Project entitled "Pseudo-Differential Operators Associated with Bessel Operator on Gevrey Spaces" from UGC- New Delhi, since February 2009 to January 31, 2012.

#### **Membership:**

1. Life membership of Indian Mathematical Society.
2. Life membership of Mathematical Society Banaras Hindu University, Varanasi.
3. Life membership of Academy of Progress of Mathematics, Banaras Hindu University, Varanasi.
4. Life membership of Society of Applied Mathematics, Indian School of Mines, Dhanbd.

#### **Ph. D Produced/Enrolled:**

1. One Research Scholar has submitted his Ph.D thesis for awarding the degree of Ph. D (2011) under my supervision.
2. Two Research Scholars are enrolled under my supervision for Ph.D.  
M. Phil Produced: **01**, 01 enrolled
3. No. of Students for M. Sc project/dissertations: **05**. 02 enrolled.

#### **Publications:**

1. Book/Monograph: 1. Akhilesh Prasad, Pseudo-Differential Operators on Gevrey Spaces, VDM Verlag, Germany (2009).
2. **Research Papers: 20** (National & International Journals).
3. Conference / Symposium / Workshop attended / Presented Papers: **20**.