

CURRICULUM VITAE
Of
SATYA PRAKASH TRIPATHI

Name: Dr. Satya Prakash Tripathi

Father's Name: Prof. Satya Deo

Date and Place

of Birth: October 23, 1969; Allahabad (Uttar Pradesh)

Permanent Address:

93, Sahyog Apartments,
Mayur Vihar, Phase 1,
Delhi – 110091.
Phone No.: 43024231® 9818133501 (M)
Email: satyapt93@yahoo.com

Office Address:

Department of Mathematics,
Kirori Mal College,
University of Delhi, Delhi –110007.
Phone No.: 27667861, 27667659

Present Status: Associate Professor, Kirori Mal College, University of Delhi, Delhi

Academic Qualifications:

- **Ph.D.:** (2000) Department of Mathematics (Supervisor: Prof. Tej Bahadur Singh), University of Delhi, Delhi. Title of the thesis – *Cohomology Algebra of Orbit spaces Under Free Actions and Hopficity of the Polynomial Rings.*
- **JRF / NET of CSIR – UGC:** Qualified in the Year 1993.
- **M.Sc. (Mathematics):** (1991) First Division, St. Stephen's College, University of Delhi, Delhi.
- **B.Sc. (Honours) Mathematics:** (1989) First Division, St. Stephen's College, University of Delhi, Delhi.
- **AISSCE:** (1986) First Division, KHRM School (CBSE Board), Delhi.
- **Class X:** (1984) First Division, Model Academy School (J&K Board), Jammu.

Teaching Experience:

- **Undergraduate:** 12 years.

Courses Taught:

Calculus (Differential and Integral), Advanced course in Real Analysis, Probability and Statistics, Dynamics.

- **Post-Graduate:** 04 years.

Courses Taught:

Algebraic Topology, Topology

Research Experience:

- One year Post-Doctorate Fellow (**BOYSCAST**) (October 2003 – September 2004), University of Calgary, Calgary, Canada. The Fellowship was awarded by Department of Science and Technology, Government of India, India.
- Worked with Prof. Satya Deo as a visitor at Harish Chandra Research Institute, Allahabad, in May – June, 2008 and 2009.

Research Publications:

1. Tripathi, S.P., Zvengrowski, Peter. A Note on Jacobson Rings which are Hopfian; *International J. of Pure and Applied Maths*; 20 (4) 2005; 541-551.
2. Tripathi, S.P., Twisted Free Actions of Cyclic Groups of Prime Power order; *Indian J. of Pure and Applied Maths*; 35 (7) 2004; 851-855.
3. Dotzel, M., Singh, T.B., Tripathi, S.P., The Cohomology Rings of the Orbit Spaces of Free Transformation Groups of the Product of two Spheres; *Proc. (American Mathematical Society)*; 129 (3) 2000; 921-930.
4. Tripathi, S.P., On the Hopficity of the Polynomial Rings; *Proc. Indian Acad. of Sciences*; 108 (2) 1998; 133-136.
5. Tripathi, S.P., Twisted Actions of Cyclic Groups; *National Acad. of Sciences (Letters)*; 21 (7 & 8) 1998; 250-252.

Academic Distinctions/Awards:

Awarded Ram Behari-Mukherji Memorial prize for obtaining the highest marks in M.A./M.Sc. Mathematics in the St. Stephen's College.

Papers presented in Seminar/Conference:

“On the Hopficity of the polynomial rings” at the International Conference at Banff, Calgary, Canada (2004).

Conference / Workshop Attended:

1. International Workshop/Conference in Topology and Geometry, Indian Institute of Technology, Bombay, Mumbai (August 17-26, 2007).
2. International Workshop and Conference on Geometric Methods in Topology; Indian Institute of Science, Bangalore (June 12-24, 2006).
3. Workshop on Topological Methods in Group Theory; The Institute of Mathematical Sciences, Chennai (July 15-27, 2002)

4. National Instructional Conference on Low Dimensional Topology; University of Allahabad and Harish-Chandra Research Institute, Allahabad (Dec 18-31, 2000).
5. Winter School on Transformation Groups; Indian Statistical Institute, Kolkata (Dec 08-26, 1998).

Refresher Course / Orientation Programme attended:

1. Participated in a 3-week Refresher Course in Mathematics entitled “Computational Applied Mathematics” to be conducted by C.P.D.H.E., University of Delhi, Delhi, from September 27, to October 18, 2006.
2. Participated in a 3-week UGC sponsored Refresher Course in the subject of Mathematics conducted by C.P.D.H.E., University of Delhi, Delhi, from December 27, 2004 to January 15, 2004.
3. Participated in the UGC sponsored 48th Orientation Programme conducted by Academic Staff College, R.D. University, Jabalpur (M.P.) from March 27, 2000 to April 22, 2000.
4. Participated in a 3-week Professional Development Programme, Refresher Course in Mathematics (Math-14) entitled “Analysis” conducted by the C.P.D.H.E., University of Delhi, Delhi, from May 13, 1998 to June 2, 1998.