Faculty Details proforma for DU Web-site

Title	Dr.	First Name	Sachi	Last Name	Srivastava	Photograph
Designation		**Associate Professor**				
Address		**Department of Mathematics** **University of Delhi South Campus** **Benito Juarez Road** **New Delhi 110021**				
Phone No Office		**24112231 -180, 282**				
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Web-Page						

Educational Qualifications

Degree	Institution	Year
Ph.D.	**Oxford University**	**2002**
M.Phil. / M.Tech.	**University of Delhi**	**1996**
PG	**Lady Shri Ram College, University of Delhi**	**1994**
UG	**Lady Shri Ram College, University of Delhi**	**1992**
Any other qualification		

Areas of Interest / Specialization

Functional Analysis, Operator Theory, Abstract Differential Equations, Operator Algebras

Subjects Taught

Functional analysis, Advanced Complex Analysis, Theory of Operators, Module Theory.

Research Guidance

1. **Supervision of awarded M.Phil dissertations**
   - Mahesh Kumar. Norm continuity of C_0 semigroups, June 2011.
   - Rachna Shokanda. Cayley Transform of the generator of a C_0 semigroup, Oct 2015.

Publications Profile

1. Research papers published in Refereed/Peer Reviewed Journals

1. C.J.K. Batty, M. Blake and S. Srivastava. A non-analytic growth bound for semigroups of operators and Laplace transforms. *Integral Equations and Operator Theory,* Vol. 45 (2003), No. 2, 125 – 154.

2. C.J.K. Batty and S. Srivastava. The non-analytic growth bound of a C_0 semigroup and inhomogeneous Cauchy problems. *Journal of Differential Equations*, 194 (2003) 300 – 327.

3. R. Chill and S. Srivastava. Maximal regularity for Wave equations. *M. Zeitschrift,* 251 (2005), No. 4, 751 – 781.

4. R. Chill and S. Srivastava. L^p Maximal regularity for second order Cauchy problems is independent of p. *Boll. Unione Mat. Ital.,* Series IX, Vol. 1 – 1, (2008), 147 – 158.

5. C.J.K. Batty, R.Chill and S. Srivastava. Maximal regularity for certain non-autonomous second order Cauchy problems*. Studia Mathematica*, no. 256, (2008), 205-223.

6. C.J.K. Batty, R. Chill and S. Srivastava. Maximal Regularity for some Interpolation Sapces. *Operator Theory: Advances and Applications,* Vol. 250, 2015.

7. B.V.R. Bhat and S. Srivastava. Stability of Quantum dynamical semigroups. *Operator Theory: Advances and Applications,* Vol. 250, 2015.

Conference Organization/ Presentations (in the last three years)

1. Organization of a Conference

April 2015: Convener, Conference on Indian Women and Mathematics, held at University of Delhi South Campus.

Oct. 2009 : Organizer, Conference on *Advances in Mathematics: Focus on Women In Mathematics* held at JNU, New Delhi.

2. Participation as Paper presenter and Invited speaker

- July 2016: Invited speaker, International Conference on recent Advances in Mathematics and Applications, University of Rajasthan, Jaipur.

- June 2016: Invited Speaker, Annual conference of Indian Women in Mathematics, University of Hyderabad, Hyderabad.

- December 2016: Invited Speaker, 14th Discussion Meeting on Harmonic Analysis, University of Delhi, Delhi.

- November 2015: Invited Speaker, Analysis Seminar, Department of Mathematics, University of New South Wales, Sydney, Australia.

- June 2015: Invited Speaker, Pure Mathematics Seminar, Department of Mathematics, University of Newcastle, U.K.

- June 2015: Invited Speaker, Pure Mathematics Colloquium, Lancaster University, U.K.

- June 2015: Invited Speaker, Analysis Seminar, Leeds University, U.K.

- June 2015: Invited Speaker, Functional Analysis Seminar, Oxford University, UK.

- June 2013 : Invited speaker, Symposium on " Operator semigroups meet Mathematical Physics, Complex Analysis and Harmonic Analysis " held at Hernhut, Germany.

   3. Special Lectures/Talks

   May 2015: Advanced Foundation School – Functional Analysis, held at Shiv Nadar University, U.P.

Association With Professional Bodies

   1. Reviewing

Regular contributor for MR Reviews.

   2. Memberships

   1. American Mathematical Society and

   2. Ramanujan Mathematical Society