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Work experience

- Assistant Professor, Indian Institute of Science Education and Research, Pune from December 1, 2014.
- INSPIRE faculty in Mathematics, Indian Institute of Science Education and Research, Pune from March 2012 to November 2014.
- Post doctoral fellow, Indian Institute of Science Education and Research, Pune from August 2011 to February 2012.

Education

- Ph.D. Mathematics, Tata Institute of Fundamental Research, Mumbai, India, (2005-2011). (Thesis defended on November 16, 2011.)
Thesis title : On spectral analogues of strong multiplicity one theorem
Thesis advisor : Prof. C. S. Rajan
- Master of Mathematics, Indian Statistical Institute, Bangalore, India, (2003-2005).
- Bachelor of Science in Mathematics, University of Pune, India, (2000-2003).

Research Interests

- Spectral theory, arithmetic and geometry of locally symmetric spaces
- Representation theory of Lie groups
- Number theory (Automorphic forms, motives and L-functions)
- Spectral Graph Theory

Selected Publications

- Bhagwat C., and Rajan C. S., *On a spectral analogue of the strong multiplicity one theorem*, Inter. Math. Res. Notices (IMRN) Nov. 19, 2010, doi:10.1093/imrn/rnq243.
- Bhagwat C., Pisolkar S., and Rajan C. S., *Commensurability and representation equivalent arithmetic lattices*, Inter. Math. Res. Notices (IMRN) 2013; doi: 10.1093/imrn/rns282.
- Bhagwat C., and Raghuram A., *Ratios of periods for tensor product motives*, published online in Mathematics Research Letters, 20 (2013) No. 4, 615-628. (Published by International Press, Boston, Inc.)
- Bhagwat, C., On Deligne's periods for tensor product motives. Comptes rendus - Mathematique 353 (2015), pp. 191-195.
- Shekatkar, S.M., Bhagwat, C. and Ambika, G. (2015). Divisibility patterns of natural numbers on a complex network. Scientific Reports 5: Article No 14280.
- Bhagwat, C. and Raghuram A. (2016) Endoscopy and the Cohomology of $GL(N)$, to appear in the special Shahidi volume of BIMS.

Awards

- DST-INSPIRE faculty award in mathematics, 2011. (for five years)
- Doctoral scholarship at Tata Institute of fundamental research, Mumbai for 2005-2011.
- Full scholarship for the M.Math program at Indian Statistical Institute, Bangalore, 2003-2005.
- National Talent Search scholarship, 1998-2003.