

Dr. Shalini Gupta

Assistant Professor

Department of Mathematics

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Educational Qualifications

2013 Ph. D. (Mathematics), IISER Mohali

1999 M.Sc.(Hons. School in Mathematics), Panjab University, Chandigarh

Scholarships

NBHM Fellowship Panjab University, Chandigarh from 1997 to 1999

Teaching Experience

Under Graduate Classes: 16 years

Post Graduate Classes: 16 years

Field of Interest

Group Rings

Details of Published Research

1. Semisimple Metacyclic Group Algebras , Proceedings of the Indian Academy of Sciences (Mathematical Sciences),.121(. 4), 2011, 379-396
2. The structure of finite semisimple metacyclic group algebras, Journal of Ramanujan Mathematical Society Vol.28, No.2, Jun 2013, Pages 141-158
3. The Algebraic Structure of Finite Metabelian group algebras, Communications in Algebra,2015, 43,1-18.
4. The Fifth Dimension Subgroup for Metabelian 2-groups, Chinese Journal of Mathematics, 2016, Article ID 5342926, 7 pages.
5. Primitive Central Idempotents of Certain finite semisimple group algebras, Aryabhata Journal of Mathematics and Informatics, 2017,9(2), pp 106-117.

6. Finite Metabelian Group Algebras, International Journal of pure Mathematical Sciences, 2016,17, 30-38.

Conferences/Workshops Organized

1. **Organized “Teacher Enrichment Workshop (TEW) on Finite Group Theory”** in the department of Mathematics, Punjabi University, Patiala in collaboration with National Centre of Mathematics during May 27 to June 2, 2014.
2. **Organized Regional workshop on “ Indian Women and Mathematics”** the department of Mathematics, Punjabi University, Patiala , funded by NBHM during Feb 06-07,2017.

Conferences

Attended/ presented papers in International Conferences: 13

Attended/ presented papers in National Conferences: 03