

Resume

1. Full Name: Dr Anagha Uday Khiste



2. Designation and Address:

Assistant Professor
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3. Date of birth: 02-04-1987

4. Educational qualifications: M.Sc., Ph.D., NET (JRF)

M. Sc. (Mathematics):	In 2009 with O (Outstanding) grade from Department of Mathematics, University of Pune.
Ph. D. (Mathematics):	In 2014 from Department of Mathematics, Savitribai Phule Pune University under the guidance of Dr V. V. Joshi.
NET (National Eligibility Test):	In Dec. 2010 with JRF (CSIR – All India Rank-102).
Title of the Thesis:	Zero Divisor Graphs of Posets

5. Research Area: Lattice Theory (in particular Ordered Sets)

6. Teaching Experience: 2 years

- Siddhant College of Engineering, Sudumbare, (2009-2011)

7. Award/Scholarships:

- Awarded by “**Padmashri Late N. S. Vankateshan Gold Medal**” for “**Best Ph.D. Thesis of the year 2014-15**”.
- Recipient of Junior Research Fellowship during the year 2011- 2013.
- Recipient of Eklavya Scholarship during postgraduate program (M.Sc.)

8. Papers Published:

1. On zero divisor graph of pm-lattices, *Discrete Math.* 312 (2012), 2076-2082 (joint with V. V. Joshi).
* Most downloaded in Discrete Mathematics in the period of April-June 2012.
2. On the zero divisor graph of a Boolean poset, *Math. Slovaca*, 64 (2) (2014), 511-519 (joint with V. V. Joshi).
3. Complement of the zero divisor graph of a lattice, *Bull. Aust. Math. Soc.* 89 (2014), 177–190 (joint with V. V. Joshi).
4. Zero divisor graphs of matrices over lattices, *Discrete Math. Algorithms and Applications* 7 (4) (2016), 1650060 (20 pages) (joint with V. V. Joshi).

9. Membership of Professional Bodies

- Indian Mathematical Society (Life Member).

10. Paper Presentation/ Attended conference or workshop:

1. The paper entitled “On the zero divisor graph of a pm-lattice” has been presented at 76th Annual Conference of the Indian Mathematical Society held at Surat during 27-30th Dec 2010.
2. The one day workshop on “Effective Teaching Methodologies for Engineering Sciences ” held at D.Y. College of Engg., Akurdi, Pune was attended on 5th Aug 2011.
3. The paper entitled “On the zero divisor graph of a Boolean poset” has been presented at 77th Annual Conference of the Indian Mathematical Society held at Nanded during 27-30th Dec 2011.
4. ATM workshop on “Combinatorics and Graph Theory” held at Department of Mathematics, University of Pune, Pune was attended during 12-17th Dec 2011.
5. Attended the National Conference on Discrete Mathematics held at Department of Mathematics, University of Pune, Pune during 22-24th Dec. 2012.
6. The paper entitled “Lattices and their zero divisor graphs” has been presented at National Conference on Discrete Mathematics, Algebra and Analysis during 21-24th April 2013 held at Department of Mathematics, University of Pune, Pune. (on the occasion of 75th birthdays of Prof. N. K. Thakare and Prof. T. T. Raghunathan).
7. The paper entitled “Zero divisor graphs of matrices over lattices” has been presented at 29th Annual Conference of the Ramanujan Mathematical Society held at IISER, Pune during 23-27th June 2014.
8. Attended International conference on “Discrete mathematics ICDM-2016 and Graph Theory day - XII” held at SIT, Tumkur, Bangalore during 9 – 11th June 2016.