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PERSONAL INFO	Nationality India Date of Birth 26th June, 1982 Marital Status Single Languages: English, Oriya(mother tongue), Hindi(National Language).	
EMPLOYMENT	Associate Professor (October 2018-...) IIT Kanpur Assistant Professor (December 2013-September 2018) IIT Kanpur Visiting Professor (January 2017-July 2017) Virginia Tech, USA Adjunct Professor (April 2015-) Chennai Mathematical Institute Assistant Professor (August 2013-December 2013) NISER Bhubaneswar Post Doctoral Fellow (August 2011-August 2013) Weizmann Institute of Science, Israel	
RESPONSIBILITIES	Regional Coordinator (UP) for Math Olympiad Programme. Member of the problem committee for Simon Marais Mathematics Competition (Asia Pacific).	
RESEARCH INTERESTS	Algebraic Geometry and Invariant Theory. Lie Algebras and Representation Theory.	
PREVIOUS EDUCATION	Ph.D., Mathematics (May 2011) Chennai Mathematical Institute, India Thesis: Problems related to Invariant theory of Torus and finite groups. M. Sc. in Mathematics; 2003 - 2005 University of Hyderabad, India Subject Area : Pure Mathematics	
RESEARCH PUBLICATIONS AND PREPRINTS	1. <i>Projective normality of finite group quotients</i> , with S.S. Kannan and Pranab Sardar, Proc. Amer. Math. Soc. 137(2009), no. 3, 863-867. 2. <i>Torus quotients of homogeneous spaces - minimal dimensional Schubert varieties admitting semistable points</i> , with S.S. Kannan, Proc. Indian Acad. of Sci. Math. Sci. 119(2009), no. 4, 469-485.	

3. *Projective normality of Weyl group quotients*, with S.S. Kannan, Proc. Indian. Acad. Sci. Math. Sci. 121 (2011), no. 1, pp. 19-26.
4. *Normality, Projective normality and EGZ theorem*, with S.S. Kannan, INTEGERS: The Electronic Journal of Combinatorial Number Theory, Vol 11 (2011).
5. *Invariant theory of Torus and finite groups: A Geometric Approach*, LAP Lambert Academic Publishing, 2011, Germany. ISBN 978-3-8465-0745-2.
6. *On some standard algebras in Modular Invariant theory*, J. Algebra Appl., Vol. 13, no. 1 (2014).
7. *Torus Invariants of the Homogeneous Coordinate Ring of G/B -Connection with Coxeter Elements* (With S.S. Kannan and B.N. Chary), Comm. Algebra, Vol. 42, no. 5 (2014).
8. *Minimal Schubert Varieties admitting semistable points for exceptional cases*, Comm. Algebra, Vol. 42, no. 9 (2014)
9. *Projective Normality of $G.I.T.$ quotient varieties modulo Finite Group*, (with P. Goyal), Comm. Algebra, Vol. 45, no. 7 (2017).
10. *Torus Quotients of Richardson Varieties*, (With S.S. Kannan and S. Upadhyay) Comm. Algebra, Vol. 46, no. 3 (2017).
11. *Torus quotient of Richardson varieties on orthogonal and Symplectic Grassmannians*, (With Arpita Nayek), To appear in Journal of Algebra and Applications.
12. *Richardson varieties admitting semistable points in rank-2 case*, Submitted.
13. *Smoothness of torus quotients of miniscule Schubert and Richardson varieties*, (With B.N. Chary), submitted.
14. *Projective normality of homogeneous spaces modulo a maximal torus*, (With Arpita Nayek), Submitted.
15. *Projective normality of orthogonal and Symplectic homogeneous spaces modulo a maximal torus*, (With Arpita Nayek), preprint.
16. *Equivariant Cohomology of flag manifolds with respect to the Weyl group actions*, Preprint.
17. *On the GIT quotient for the wreath product of a cyclic group and symmetric group*, Preprint.

INVITED TALKS

Invited talks given at Virginia Tech, Aarhus University, Fields Institute, Toronto, Universite Laval, Quebec city, Canada, Hausdroff Institute of Mathematics, Bonn, Germany, Weizmann Institute of Science, Israel, University of Haifa, Israel, Ben Gurion University, Israel, Bar-Ilan University, Israel, IIT Madras, IIT Kanpur.

TEACHING EXPERIENCE

1. Taught Abstract Algebra and currently teaching Lie algebras and Representation theory at IIT Kanpur, 2015.
2. Taught Abstract Algebra course in NISER, Bhubaneswar, August-December 2013.
3. Given a short course on Representation theory of Lie algebras at Ramanujan Institute of Advanced Studies in Mathematics, University of Madras, January-March 2009.
4. Tutor in Galois Theory course in the Annual Foundation School, Chennai Mathematical Institute, Chennai, December 2009.
5. Tutor in Modules over PID course in the Annual Foundation School, Chennai Mathematical Institute, Chennai, December 2009.
6. Taught a basic algebra course to High School teachers at Institute of Mathematics and applications, Bhubaneswar, July-August 2008.
7. Taught basic algebra and calculus in the Rural Mathematics Talent search Program funded by NBHM at Institute of Mathematics and applications, Bhubaneswar, December 2008.

HONORS AND FELLOWSHIPS

1. Indo-US Postdoc Fellowship, 2016.
2. Young Scientist Award, 2015.
3. INSPIRE Faculty Award, 2012.
4. NBHM (National Board for Higher Mathematics) Research Fellowship, 2005.
5. CSIR (Council of Scientific and Industrial Research) Research Fellowship, 2005.
6. Qualified GATE (Graduate Aptitude Test in Engineering) with 99.54 percentile, 2005.
7. Gold medal in Honours Mathematics Olympiad, 2003.
8. Andhra Pradesh Mathematics Olympiad, 2004.
9. Regional Mathematics Olympiad, Orissa, 1999.

CONFERENCES AND WORKSHOPS

1. QGM, Aarhus University, 2016.
2. QGM, Aarhus University, 2015.
3. IMPANGA-15: A conference in Algebraic Geometry, Bedleow, Poland, 2015.
4. Trimester Program on the Interaction of Representation Theory with Geometry and Combinatorics, HIM, Bonn, April 2011.
5. International Conference on Non-Commutative Rings Combinatorial Representation Theory, Pondicherry University, September 2010.
6. ICM Satellite Conference on Buildings, Finite Geometries and Groups, Indian Statistical Institute (Bangalore), August 2010.
7. International Congress of Mathematicians (ICM), Hyderabad, August 2010.
8. ICM Satellite Conference on Algebraic and Combinatorial Approaches to Representation Theory, Indian Institute of Science (Bangalore), August 2010.
9. Summer School and Workshop on Affine Schubert Calculus, Fields Institute, Toronto, July 2010.
10. Lecture Series on Spectral Sequences and Applications by Prof. S. Ramanan, CMI Chennai, November, 2009.
11. CAAG (Commutative Algebra and Algebraic Geometry) workshop, IIT Madras, July 2009.
12. Workshop on Principal Bundles in Geometry, CMI Chennai, February - March, 2009.
13. RMS/SMF/IMSc - Indo French Conference in Mathematics, December 2008.
14. Classification of Reductive Algebraic Groups - II, ISI Bangalore, May 2008.
15. Workshop on Group Theory : Classification of Reductive Algebraic Groups - I, ISI Bangalore, December 18, 2006 - January 5, 2007.

TECHNICAL AND COMPUTING SKILLS

Algebraic Computation: SAGE, Schur, Singular, CoCoA, McCauley, MAGMA, GAP.
Others: Latex, Linux, HTML.