

CURRICULUM-VITAE

Dr. V. S. Jadhav (M. Sc., Ph. D.)

Assistant Professor

Department of Mathematics,

Nowrosjee Wadia College,

Pune-411001.

Email: svikasjadhav@gmail.com

Phone: Office 020-26162944

Mobile: 9850628321.

Educational Qualifications:

Degree	Year of Passing	University	Class
Ph. D.	2014	Savitribai Phule Pune University	–
NET	2005	CSIR NET	–
SET	2004	Savitribai Phule Pune University	–
M. Sc.	2004	SPPU, Pune	First class with distinction
B. Sc.	2002	SPPU, Pune	First class

Doctor of Philosophy (In Mathematics)

- **Title of Thesis :** ARITHMETIC ASPECTS OF GROUP REPRESENTATIONS, Z-CLASSES, JACOBI SUMS AND CODES
- **Ph. D. Guide:** Dr. Prof. S. A. Katre, University, Pune.
- **Ph. D. Co-Guide:** Dr. Prof. Ravi Kulkarni, Bhaskaracharya Pratisthana.

Teaching Experience: 13 Years.

Research Interest: Algebra, Number theory, Coding theory.

Publications:

1. Vikas S. Jadhav, S. A. Katre, **Computing Primitive Central Idempotents in Finite Group Algebra**, Proceedings of the international conference on perspectives of computer confluences with sciences 2012, Pg 137-141, Excel India Publishers.
2. Aditi Phadke, Pramod Shinde, Vikas Jadhav, **Some Interesting Numbers**, proceedings of the national conference on Recent Trends in Computer Science and Applications and Computational Mathematics, Pg 172-174.
3. Vikas S. Jadhav, Rahul D. Kitture, **z -Classes in p -groups of Order $\leq p^5$** , Bulletin of the Allahabad Mathematical Society, Vol 29,Part 2, 2014.
4. Ravi Kulkarni, Rahul D. Kitture, Vikas S. Jadhav, **z -Classes in Groups**, Journal of algebra and its applications Vol.No. 15 .(6)(16 pages), 2016 World Scientific Publishing Company.
5. Bhausahab R. Sontake, Amjad Shaikh, Vikas Jadhav, **Fractional Complex Transform for Approximate Solution of Time Fractional Zakharov-Kuznetsov Equation**, International Journal of Pure and Applied Mathematics, Vol No.116(4), 2017, Academic Publications.

Conferences: Paper Presented/Given a Talk:

1. Participated and Presented a paper entitled **Computing Primitive Central Idempotents in Finite Group Algebra**, at International conference on perspectives of computer confluence with sciences at Nowrosjee Wadia College, Pune from 10-12-2012 to 12-12-2012.
2. Participated and Presented a paper entitled **MDS CODE of the Type $[10, 5, 6]$ Over Finite Fields \mathbb{F}_p , $p \equiv 1 \pmod{11}$ using Jacobi sums** at the national conference on discrete mathematics, at Dept of Mathematics, University of Pune, Pune from 22-12-2012 to 24-12-2012.
3. Participated and Presented a paper entitled **MDS CODE Over Finite Fields Using Jacobi Sums** at 28th Annual conference of RMS, at Reva Institute of Technology and Management, Bangalore from 27-06-2013 to 30 -06-2013.
4. Participated and presented a paper entitled **A $[12, 6, 7]$ MDS Code Using Jacobi Sums** at National seminar on number theory and discrete mathematics at Dept of mathematics, Punjab University, Chandigarh from 12-11-2013 to 13-11-2013.
5. Participated and presented a paper entitled **z -Classes of Groups of Order $\leq p^4$** at the national conference on pure and applied mathematics at COEP, Pune from 17-12-2013 to 19-12-2013.

6. Participated and presented a paper entitled **Some Interesting Numbers** at the national conference on recent trends in computer science applications and computational mathematics, at Indira College, Pune from 20-12-2013 to 21-12-2013.
7. Participated and presented paper titled **Faithful Representations of Finite p-groups** in 29th RMS conference at IISER, Pune. 23/06/2014 to 27/06/2014.
8. Participated and presented a paper entitled **The New Iterative Method for Approximate solutions of Time Fractional Kdv , $K(2, 2)$, Burgers and cubic Boussinesq Equations** at the national conference on pure and applied mathematics (In honor of Principal Dr. M. M. Andar), at Nowrosjee Wadia College, Pune from 27-04-2017 to 28-04-2017.

Conferences/ Symposium : Attended/Participated

1. Participated in State Level conference on Current Trends in Mathematics SP College, Pune from 29-07-2004 to 31-07-2004.
2. Participated in International Workshop cum Conference on Groups Actions Computations 2010 at HRI Allahabad from 01-09-2010 to 12-09-2010.
3. Participated in National conference on Emerging trends in soft computing at Department of Computer Science, Nowrosjee Wadia College, Pune from 02-02-2011 to 03-02-2011.
4. Participated in National Symposium in Number Theory at Bhaskaracharya Pratishthana, Pune from 31-05-2011 to 03-05-2011.
5. Attended a symposium on Topology and Geometry At ISSER, Pune 30-06-2014 to 05-07-2014.
6. Participated in National conference on Algebraic Number theory and Modular form from 02-01-2015 to 03-01-2015.
7. Attended a symposium in mathematics (on occasion of Prof S. S. Abhyankar's birthday) at Bhaskaracharya Pratishthana , Pune on 22-07-2016.

Seminar/ Workshop/Symposium Attended/Participated:

- **National Level :**

1. Participated in workshop on **Qualitative Theory of Ordinary Differential Equations** at Dept of Mathematics, University of Pune, Pune from 23-11-2004 to 2-11-2004.

2. Participated in Annual Foundation School - I in Mathematics sponsored by National Board of higher mathematics at Bhaskaracharya Pratishthana, Pune from 05-12-2005-31-12-2005.
3. Participated in Annual Foundation School - II in Mathematics sponsored by National Board of higher mathematics at Bhaskaracharya Pratishthana and Department of Mathematics from 01-06-2006 to 28-06-2006, University of Pune.
4. Participated in Advanced Instructional School in **Differential Geometry and Lie Groups** at Bhaskaracharya Pratishthana and Department of Mathematics from 01-12-2006 to 28-12-2006, University of Pune.
5. Participated in Advanced Instructional School in **Complex Analysis** at Bhaskaracharya Pratishthana and Department of Mathematics, University of Pune from 05-06-2008 to 02-07-2008.
6. Participated in workshop on **Representation Theory of finite groups of Lie Type: Deligne-Lusztig Theory** at TIFR, Mumbai from 05-12-2011 to 17-12-2011.
7. Participated and worked as Associate teacher in the Annual Foundation School - I in Mathematics sponsored by National Board of higher mathematics at IISER, Pune from 18-12-2011 to 31-12-2011.
8. Participated worked as Associate teacher in the Annual Foundation School - II in Mathematics sponsored by National Board of higher mathematics at Department of Mathematics, University of Pune from 04-06-2012 to 30-06-2012.
9. Participated in AIS in **Algebra** and conducted 2 tutorials at ISSER, Mohali from 03-07-2012 to 21-07-2012.
10. Participated in National Workshop on **Ramanujan Graphs** at Dept of Mathematics, University of Pune, Pune from 05-03-2013 to 14-03-2013.
11. Attended workshop on **Differential Geometry** at SPPU, Pune 08-09-2014 to 13-09-2014.
12. Participated and worked as Associate teacher(conducted 20 sessions) in the Instructional School for college teachers on **Field Theory** sponsored by National Board of higher mathematics at University of kashmir, Srinagar from 02-05-2016 to 14-05-2016.

• **State Level / University Level :**

1. Participated in two day workshop on **Restructuring of T. Y. BSc/ B.A Mathematics** at Nowrosjee Wadia College from 24-07-2004 to 25-07-2004.
2. Participated in workshop on **Restructuring of S. Y. BSc/ B.A/ S. Y. BSc(C. S) Mathematics** at Nowrosjee Wadia College on 31-01-2009 and 01-02-2009.
3. Participated in workshop on **Restructuring of Msc. Tech Syllabus** at Nowrosjee Wadia College on 06-03-2009.

4. Participated in workshop on **Restructuring of T. Y. BSc/ B.A Mathematics** at Nowrosjee Wadia College on 14/03/2010.
5. Attended as member of the subcommittee for **Preparation of Practical courses for T. Y. BSc** in the workshop at S. P. College on 22/04/2010.
6. Participated in state level seminar on Expanding wings in mathematics in the field of basic sciences, Engineering Sciences and Medical Sciences at Poona College from 28-12-2010 to 29-12-2010.
7. Participated in the state level workshop on **Mathematical software** at Abeda Inamdar College, Pune(One Week) from 26-11-2012 to 01-12-2012.
8. Participated in workshop on **credit System for post graduation in sciences** at Nowrosjee Wadia College on 03-08-2013.
9. Worked as organizer and speaker at a state level workshop on Learning Group Action at Bhaskaracharya Pratishthana , Pune from 2-3 Jan 2015.
10. Attended T. Y. BSc. Syllabus revision workshop, at Fergusson College on 07-02-2015.
11. Attended the one day state level workshop on **Linear Algebra and its Applications** at SP College, Pune on 13-02-2016.

Invited Talk

1. Invited talk in the national workshop on Computer Algebra System(CAS), funded by MHRD, Govt. of India, at Bhaskaracharya Pratishthana, Pune from 27-01-2011 to 31-01-2011.
2. Invited talk in the state level workshop on mathematical softwares at Abeda Inamdar College, Pune(One Week) from 26-11-2012 to 01-12-2012.
3. Invited talk at two day workshop at S. B. College, Aurangabad from 24-08-2013 to 25-08-2013.
4. Invited talk in the national workshop on Mathematica at Dept of Mathematics, University of Pune on 25-11-2013.
5. Invited as resource person in One day workshop on mathematical softwares at Manchar College, Pune.
6. Invited talk in the national workshop on Computer Algebra System(CAS) at Bhaskaracharya Pratishthana, Pune on 24-01-2015.
7. Invited talk at symposium in the International Conference on Algebra and Analysis (In Honor of S. A. Katre and Hemant Bhate) at Dept of Mathematics, University of Pune, Pune from 19-12-2017 to 22-12-2017.

Refresher and Orientation Courses: (03)

- Attended a Refresher Course in **Mathematics** organized by Department of Mathematics, Savitribai Phule University Pune UGC-HRDC, November 03, 2015 to December 23, 2014.
- Participated in UGC-Sponsored **Special Winter School** organized by Academic Staff College, Nagpur University from October 03, 2013 to October 23, 2013.
- Participated in **General Orientation Programme** during November 10, 2009 to December 7, 2009 organized by Academic Staff College, University of Pune, Pune.

Other Achievements:

- Working as Associate NCC officer, 2 MAH BN NCC, Pune, from October 2015. Completed Pre-commission course with A grade and also received best drill prize.
- Working as Joint Regional Coordinator, Maharashtra and Goa region from 09-06-2016, appointed by national board of mathematics, Government of India.
- Member Of Ramanujan Mathematical Society.
- Member of the The Mathematical Consortium.
- Executive Member of Indian Academy of Industrial and Applicable Mathematics.
- Visiting faculty for the off campus BTech and MTech Programmes of BITS PILANI from July 2004.
- Syllabus setting of Btech programme of BITS PILANI from 2015.
- Chairman SYBA Paper Setting(two turns).
- Worked as divisional conductor and regional conductor for MTS examination since 2010.
- Worked on selection board appointed by SPPU, Pune.