

Curriculum Vita



Mr. Manoj Vishwasrao Deshmukh
Assistant Professor, Mathematics
Department of Mathematics,
Pune District Education Association's
Annasaheb Waghire College, Otur, Tal. Junnar, Dist. Pune, Maharashtra, India.

Address for Correspondence:

Flat No. A-404, Sr.No. 74/2, Miracle Classic Shivaji Park Road -2, New Sangavi, Pune-411027.

Contact No.: +91 9011957929

Email: deshmukh.manoj13@gmail.com

[My Web Page](#)

• Personal Details:

- ★ Date of Birth: 13 July 1975.
- ★ Nationality: Indian

• Educational Qualification:

Year	Qualification	Subject	Percentage	University
2004	SET	Mathematics	NA	University of Pune
1997	M.Sc.	Mathematics	69.00	Department of Mathematics, University of Pune.
1995	B.Sc.	Mathematics	89.17	North Maharashtra University, Jalgaon.

• Academic Experience:

Year	Name of Organisations/College
1.7.2015 to Till to date	PDEA's Annasaheb Waghire College, Otur, Junnar, Pune.
26.7.2010 to 30.6.2015	PDEA's Anantrao Pawar College, Pirangut, Pune.
4.12.1998 to 25.7.2010	PDEA's Mamasahab Mohol College, Paud Road, Pune.
19.9.1997 to 3.12.1998	PDEA's Waghire College, Saswad, Pune.

- **Academic Experience (Teaching-Visiting):**

Year	Name of Organisations/College
2002-2003	B.Sc(CS) Shivaray Pratisthan's Maharashtra college of Science, Pune
2003-2008	B.Sc(CS) Chanakya Education Society, Indira college of Science, Wakad, Pune.
2006-2008	M.C.A.(Sc.) PDEA's B.G.College,Sangavi, Pune.
2006-2008	M.Phil.YCMOU, Nashik
2007-2009	MPM Institute of Management and Currier Courses, Kothrud, Pune
2007-2009	PGDBM Institute of Management and Currier Courses, Kothrud, Pune
2008-2011	M.C.A.Progressive Education Society, Institute of Management and Carrier Development, Nigdi, Pune.
2008-2009	M.B.A. Sahydri Institute of Management, Chakan, Pune
2009-2011	M.C.A.PDEA's Mamasahab Mohol College,Paud Road,Pune.
2010-2011	M.B.A.Sahydri Institute of Management, Chakan, Pune

- **Awards:**

- ★ Best Teacher Award in the college for the year 2013-14.

- **Area of Research Interest:**

- ★ Graph Theory, Lattice Theory, Differential Equation.

- **Research papers:**

1. Use of Gauss-Jordan Elimination Method to Balance Chemical Reaction, May 2019, Volume 6, Issue 5 ,140-144,(ISSN-2349-5162) Paper ID:JETIRCP06025 Journal of Emerging Technologies and Innovative Research (JETIR).(Impact Factor 5.87)
[Link of Paper](#) or [Link of Paper](#)
2. Linear Programming Problem for Maximization of Profit in Rubber Manufacturing and Molding Industry: A Case study of Shreyas Rubber Products, Volume 9 Issue 5,762-765, May 2020 International Journal of Science and Research (IJSR) ISSN: 2319-7064 (Research Gate Impact Factor (2018): 0.28 | SJIF (2019): 7.583), Paper ID: SR20512180840.
[Link of Paper](#) or [Link of Paper](#)

- **Publications:**

1. A text book of "Business Mathematics", Dr.N.L.Ghorpade, M.V.Deshmukh, Dr.S.L.Shirgave, Atharva Prakashan, June 2004.
2. Practical Book of Mathematics, Dr.M.M.Palve, Mahesh Jagtap, M.V.Deshmukh, Nirali Prakashan, ISBN-935164954-7, Dec 2015.
3. A Reference book of "COUNTING TECHNIQUES", M.V. Deshmukh, Himalaya Publishing House Pvt. Ltd. Mumbai, ISO 9001:2015 CERTIFIED, ISBN: 978-93-5433-515-0, Jan 2021. [Link to Book](#)

● **Poster Presentation:**

1. Use of Gauss-Jordan Elimination Method to Balance Chemical Reaction at International Conference on “Sustainable Materials for Advanced Research in Technology” (SMART-2019), B.G. College, Pune, 5-6 Feb. 2019.
2. A study on Left and Right Eigen Vectors of matrix and its Diagonalization, Two Days State Level Seminar on Current Advances in Pure and Applied Mathematics, Sangamner Nagarpalika Arts, D.J.Malpani Commerce and B.N.Sarda Science College, Sangamner 12-13 Jan 2018.
3. Traffic Controlling Model at National Seminar on “Nanotechnology: Environment, Economic, Social and Health Perspectives” at A. Waghire College, Otur, Pune, 22-23 Jan, 2016.

● **Consultancy:**

- ★ Shreyas Rubber Products, Pune. 1.4.2018-31.3.2019

● **Invited Talk in Conference/Seminar/Workshop:**

1. Linear Programming Problems at Shri Shahu Mandir Mahavidyalaya, Pune, 24 Jan 2007.
2. A talk on Practical Course at Seminar, Indira College of Science, Wakad, 8 Feb 2010.
3. Matrices, derivatives and application at Prof.Ramkrishna More Arts Commerce and Science Mahavidyalaya Akurdi Pune, 26 Sept 2010.
4. Correlations & Regression, Prof.Ramkrishna More Arts Commerce and Science Mahavidyalaya Akurdi Pune, 27 Feb 2011.
5. Business Mathematics at B. Com and B.A. AP College, Pirangut, 24 and 26 Dec 2011.
6. Scope of Mathematics at Dr.Arvind Telang Sr.College Nigdi, Pune, (05 Feb 2011).
7. Mathematics and Statistics to BCom and BA at Mamasahab Mohol College, Pune under remedial coaching, 6 March 2012.
8. Bivariate Frequency Distribution Binomial and Normal Distribution at Pirangut English School and Jr College, Pirangut, 4 and 11 Jan 2013.
9. Scilab at Mamasahab Mohol College Pune-38, 29 Jan 2013.
10. Information Communication Technology, “Geogebra” at Annasaheb Magar College, Pune, 10 Aug 2013.
11. Line and Plane, Trigonometry at Pirangut English School, Pune, 30 Dec 2013.
12. Correlation & Regression for F.Y.B.Com. at A.P.College Pirangut Pune, 20-23 Jan 2014.
13. Recurrence Relation and application at Baburaoji Gholap Collge, Sangvi, Pune, Jan 2014.
14. Lines and Plane at Pirangut English School Pune, 5 Jan 2014.
15. Linear Programming Problem at A.P.College Pirangut Pune, 5 Jan 2015.
16. Lattice Theory, Limit and Continuity at Baburaoji Gholap Collge, Sangvi, Pune, 25-28 Feb 2015.

17. A talk on “Algebra” at One-day workshop “Mathematics Ability Awareness Program” R.M. College, Pune, 3 Mar 2018.
18. A talk on “Mathematical Software –Maxima” at one-day workshop at BJS College, Pune 9 Sept 2019.

• **Courses Taught At UG and PG Level:**

- ★ For UG : Discrete Mathematics, Algebra, Linear Algebra, Operational Research, Computational Geometry, Numerical Methods and its Applications, Geometry and Calculus, Differential Equations, Multivariable Calculus, Vector Calculus, Graph Theory, Statistical and Quantitative Methods, Probability and Combinatorics.
- ★ For PG : Statistical and Quantitative Methods, Graph Theory, Probability and Combinatorics, Statistical and Numerical Methods, Optimization Technique.

• **Workshops, Seminar, Conference and Symposium attended:**

1. Two Day Workshop on Restructuring of F.Y.B.Sc. Mathematics Syllabi at Nowrosjee Wadia College, Pune, 14th -15th July 2007.
2. One Day Workshop on Restructuring F.Y.B.Sc. Mathematics Syllabi at Nowrosjee Wadia College,Pune , 15 Oct 2007
3. Two days State level seminar on National Service Scheme Special Camp, Mamasahab Mohol College, Pune, 17th-18th Feb 2008.
4. Two-day workshop on preparation of Question Bank for F.Y.B.Sc.(cs) Mathematics Practical Course, Nowrosjee Wadia College, Pune, 11th-12th August 2008.
5. Workshop on Scilab, Bhaskaracharya Pratishthan, Pune, 4th-7th July 2009
6. One day Workshop on Maths Practical SYBSc(CS), Indira College of Computer Sci, Wakad Pune, 8/2/2010.
7. One day seminar on Digital Signal Processing, Mamasahab Mohol College, Pune, 15 Jan 2010.
8. University Level Seminar on Cloud Computing, Mamasahab Mohol College, Pune, 3 March 2011.
9. Two days State level seminar on Recent Trends in Life Sciences, PDEA’s Arts Science and Commerce College Pirangut, 11th and 12th Feb 2011.
10. One Day Seminar on English as a Global language, PDEA’s Arts Science and Commerce College Pirangut, 3rd Jan 2011.
11. Two days State Level Seminars in Commerce on Social Responsibilities of Corporate Sector and Its impact on Society, PDEA’s Arts Science and Commerce College Pirangut, 03rd -04th Feb 2012.
12. One-day Seminar in Physics on Recent Trends in Materials sciences, PDEA’s Arts Science and Commerce College Pirangut , 03rd Feb 2012.
13. International Conference on Perspectives of Computer science with Science, Nowrosjee Wadia College, Pune, 10th -12th Dec 2012.
14. National Conference on Recent trends in Computer Science & Applications and Computational Mathematics, Shree Chanakya Education Society’s, Indira College of Commerce and Sci, 21st and 22nd Dec 2012.

15. Restructuring Syllabi of Statistics and Computer Application to F.Y.B.Com., Prof.R.M.College, Akurdi ,Pune, 12 Feb 2013.
16. Restructuring of SYBSc/BA/BCS Mathematics syllabi from Aca.Year-2013 Abasaheb Garaware College, Pune,24 Dec.2013.
17. ICT learning resources for High school and college teachers, Prof.R.M.College, Akurdi, Pune, 24-6-13 to 26-6-13.
18. Two-day workshop on DISASTER MANAGEMENT, Anantrao Pawar College Pirangut Pune, 12 and 13 Feb 2014.
19. One day workshop on EXAMINATION SYSTEM, C.T.Bora College, Shirur,Pune, 18 Feb 2014.
20. International Conference on “History and Development of Mathematics”, Department of Mathematics, Savitribai Phule Pune University, Pune, 27 – 30 Nov 2014.
21. Emerging trends in Physics, Anantrao Pawar College Pirangut Pune, 6-7th Feb 2015.
22. One-day International workshop on ICT Education in the Era and Globalization at YASHADA organized by B.G. College, Pune 12 Oct,2015.
23. National Seminar on “Nanotechnology: Environment, Economic, Social and Health Perspectives” at A. Waghire College, Otur,Pune ,22-23 Jan,2016.
24. One day state level workshop on “Linear Algebra and Applications “at S.P.College,Pune , 13 Feb,2016.
25. Two days State level seminar on “Current Advances in Pure and Applied Mathematics “at Sangamner Nagarpalika Arts, D.J.Malpani Commerce and B.N.Sarada Science College, Sangamner, 12-13 Jan 2018.
26. Faculty Development Program on GST & Students Employability at Department of Commerce, SPP University, Pune,23 Jan 2018.
27. One-day State Level Seminar on “Recent Trends in Mathematics “at A.P. College, Pirangut, 27 Feb 2018.
28. International Conference on “Sustainable Materials for Advanced Research in Technology” (SMART-2019), B.G. College, Pune, 5-6 Feb.2019.
29. One-day workshop on “Restructuring of F.Y.B.Sc. Mathematics Syllabus, S.P.P. University, Pune at Modern College Pune, dt/ 20.07.2019.
30. One day workshop on “Training on Financial Accounting at Online Public Financial Management System (PFMS) at B.G.College, Newsangvi Pune, dt.14.02.2020 .
31. One day workshop on “Restructuring of S.Y.B.Sc. Mathematics Syllabus, S.P.P. University, Pune at A.Garware College Pune, dt.7.3.2020.
32. International webinar on “THE MAN WHO KNEW INFINITY”, April 26,2020 Dept.of Mathematics, St.Xevier’s College for Women, Aluva, Kerla.
33. International webinar on “Teaching Empowerment using Moodle LMS” jointly organized by PDEA’s and B.M.S Solution, DUBAI on 9.5.2020.
34. International webinar on “POST COVID-19: Lockdown: Opportunities and Challenges for Education, Industry and Economy” jointly organized by Poona College and Sangamner NagarPalika Arts,Commerce and Science College on 16.05.2020.
35. A National Webinar on “Python, Introduction and Comutational Mathematics” organized by Department of Mathematics in association with IQAC Lal Bahadur College, Satara on 12-6-2020

36. Certification of participation in “Spitting kill” campaign by ACF and NSS during April-May 2020.
37. National Webinar on “Strategies for Extension as a Social Responsibility: Perspectives of Higher Education” organized by the Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune in collaboration with Indian University Association for Continuing Education, New Delhi on 13 .5.2020.
38. Online Faculty Development Program on “FUZZY SETS AND SYSTEMS” Organized by Department of Mathematics by Patrician College of Arts, Scienc College Chennai held on 16.5.2020.

● **Social Activities:**

1. Member, Haritsena (Green Army), Government of Maharashtra, India. Dt.05/04/2018.
2. Member, All India Council for Technical Skill Development, A non-profit organization.
(Member ID: AICTSD/PROFESSOR/08333 dt.12.01.2020)
3. Tree plantation Program at “Nasik Municipal Corporation Walking Track” at Lavate Mala, JayBhavani nagar, Nasik LATITUDE AND LONGITUDE: 19.997454, 73.789803 on 7.6.2017.
4. Tree plantation Program at “Pehre Village, Pahine Panchayat, Tal. Trimbakeshwar, Dist. Nasik”. Coordinates: 19015’59”N 7401’30”E on 25.8.2019.
5. Tree Plantation program on the occasion of Anniversary day of Our institute “Pune District Education Association” at Base Area of Munjaba Hill, Munjewadi, At/Post Otur, Tal.Junnar,Dist.Pune, Coordinates 19015’59”N 7401’30”E, support with students of class S.Y.B.Sc. On 7.9.2019.

● **Other Work/ Experience:**

1. College Examination Officer in college from 26.07.2010 to 7-8-2013 to 30.06.2015 Ref. no. Uni. Exam Co-ordination/977 dated 21-9-2012.
2. Examination work from 1997.
3. Administrative and Academic Committees.

Date: April 5, 2023