

## 1. Personal Information

- **Name:** Dr. L. N. Wankhade
- **Position:** Associate Professor
- **Department:** Production Engineering
- **Contact Information:**

Email: lnwankhade@srgs.ac.in

office location: first floor production engineering department

phone number (if applicable): 9423438259

## 2. Educational Background

- **Degrees:** All degrees with specialization, university, and year of graduation.

University	Degree	Year	Field of Specialization
SRTMU, Nanded	Ph.D.	2009	Mechanical/Production Engineering
SRTMU, Nanded	M. Tech	1999	Mechanical-CAD/CAM
Marathwada University Aurangabad	B. E	1989	Production Engineering

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- **Postdoctoral Experience:** Any postdoctoral work or fellowship.
- **Certifications:** Additional certifications or diplomas related to the field.

## 3. Research Interests

- **Areas of Expertise:** Quality & Reliability, Production Management, System Dynamics
- **Ongoing Projects:** Current research projects with a brief description.
- **Interdisciplinary Work:** Collaboration with other departments or fields.

## 4. Teaching Experience

- **Courses Taught:** List of courses taught (undergraduate and graduate levels).  
Theory of machines(UG),
- **Course Development:** Creation or redesign of any courses or curriculum.

Lean manufacturing, Process Engineering & Resource Planning.

## 5. Publications and Presentations (Plz provide Google scholar link)

- **Books:** 02

1. **Lalit Wankhade** and Balaji Dabade, Quality Uncertainty and Perception: Information Asymmetry and Management of Quality Uncertainty and Perception, Contribution to Management Science Series, Physica-Verlag (July 2010) (ISBN: 978-3-7908-2194-9).

2 **Lalit Wankhade**, How to Write and Publish a Research Paper: A complete Guide to Writing and Publishing a Research Paper, Self Published, Kindle Edition on Amazon.com (ASIN B07DDDRDG5) (April 2010) and Print Edition by Amazon (Nov., 2018) (ISBN-13: 978-1731506603, ISBN-10: 1731506600).

- **Journal Articles:** 13

1. **Wankhade Lalit** and B. M. Dabade, (2005), "A holistic approach to Quality Success in Developing Nations", The TQM Magazine, (ISSN: 0954-478X), Vol. 17 No. 4, pp. 322-328. (DOI: 10.1108/09544780510603170).

2. **Wankhade Lalit** and B. M. Dabade, (2006), "Analysis of quality uncertainty due to information asymmetry", International Journal of Quality and Reliability Management, (ISSN: 0265-671X), Vol. 23 No. 2, pp. 230-241. (DOI: 10.1108/02656710610640961).

3. **Wankhade Lalit** and B. M. Dabade, (2006), "TQM with quality perception: a system dynamics approach", The TQM Magazine, (ISSN: 0954-478X), Vol. 18 No. 4, pp. 341-357. (DOI: 10.1108/09544780610671020).

4. **Wankhade Lalit** and B. M. Dabade, (2007), "Information asymmetry, quality perception, and market dynamics", Journal of Modelling in Management, (ISSN: 1746-5664), Vol. 2 No. 3, pp. 208-231. (DOI: 10.1108/17465660710834435).

5. **Wankhade Lalit** and B. M. Dabade, (2009), "Minimizing quality uncertainty by the root-cause and failure analysis method", International Journal of Management and Decision Making, (ISSN: 1462-4621), Vol. 10, Nos. 5/6, pp.359–385. (DOI: 10.1504/IJMDM.2009.026683).

6. Sarode Hemant and **Wankhade Lalit**, (2012), "CAD – Teamcenter data synchronization with other legacy systems," International Journal of Innovation in Mechanical and Automobile Engineering, NO. 2.

7. Imran Ahmed Khan and **Wankhade Lalit**, (2013), "Rich Client Architecture Customization of Teamcenter to Create a Report of Multiple Items in an Assembly", International Journal of Mechanical Engineering and Research, (ISSN: 2249-0019), Vol. 3, No. 5, pp. 382-385.

8. Kamble Raju, **Wankhade Lalit**. (2017), "Perspectives on productivity: Identifying attributes influencing productivity in various industrial sectors", International Journal of Productivity and Quality Management, Vol. 22, No. 4, 2017 pp 536-566.
9. Raju Sheshrao Kamble, **Lalit Narendra Wankhade**, (2018), "The questionnaire on productivity attributes (QPA): Designing and developing a measuring tool to estimate productivity in manufacturing industries", International Journal of Productivity and Performance Management, Vol. 67, No: 5, pp.845-872, <https://doi.org/10.1108/IJPPM-01-2017-0012>.
10. Kamble Raju, **Wankhade Lalit**. (2018), "Structural modeling approach: The strategy for productivity enhancement in manufacturing industries", International Journal of Business Excellence, Vol. 16, No. 4, pp.497–522.
11. Kamble Raju, **Wankhade Lalit**. (2018), "System dynamics model to improve productivity in manufacturing industries", International Journal of Productivity and Quality Management, Accepted, Article in Press.
12. G.R. Chavhan, **L.N. Wankhade**, (2020) Improvement of the mechanical properties of hybrid composites prepared by fibers, fiber-metals, and nano-filler particles – A review, Mater. Today Proc. 27, pp-72–82. doi:10.1016/j.matpr.2019.08.240.
13. G.R. Chavhan, **L.N. Wankhade**, (2020) Experimental analysis of E-glass fiber/epoxy composite-material leaf spring used in automotive, Mater. Today Proc. 26, pp-373–377. doi:10.1016/j.matpr.2019.12.058.

- **Conference Papers.- 17**

1. **Wankhade Lalit** and B. M. Dabade, "Quality success in developing nations: a new paradigm", 2nd International Conference on Quality, Reliability and Information Technology, 18 – 20 December 2003, New Delhi.
2. **Wankhade Lalit** and B. M. Dabade, "Information Asymmetry and Quality Perceptions", 2nd International Conference on Logistic and Supply Chain Management, 3 – 5 August 2004, PSG – Tech., Coimbatore.
3. **Wankhade Lalit** and B. M. Dabade, "System dynamics of information asymmetry: a preliminary exploration", International conference on soft computing, 28 – 29 May 2004, Bharath Institute of Higher Education and Research, Chennai.
4. **Wankhade Lalit** and B. M. Dabade, "System dynamics approach to information asymmetry for product quality: a preliminary structure with an Indian case" Proceedings of 7th International Research Conference on Quality, Innovation and Knowledge Management, 16 – 18 February 2005, Malaysia.
5. **Wankhade Lalit** and Dabade B. M., "Perceived quality as an emerging dimension of quality management" Proceedings of 8th International Research Conference on Quality, Innovation and Knowledge Management, 11 – 14 February 2007, New Delhi.

6. Chanmanwar, Balasubramaniam, **Wankhade**, Suri, "Microstructure fabrication using WCE and characterization of topology", AIMTDR, Nov. 2012.
7. V.M. Rathod and **L.N. Wankhade**, "Service Oriented Architecture Customization for Human Resource Management in PLM System", International Conference on Advanced and Agile Manufacturing and Agile Software Development organized by Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded pp.316-319, October 5-8, 2016.
8. G.R. Chavhan, **L.N. Wankhade**, "Experimental analysis of E-glass fiber/epoxy composite material leaf spring used in Automotives" 10th International Conference on Material Processing and Characterization organized by GLA University Mathura, UP, India in association with Indian Institute of Metal and Elsevier Publications, 21st – 23rd, February 2020.
9. G.R. Chavhan, **L.N. Wankhade**, "Improvement of the Mechanical Properties of Hybrid Composites Prepared by Fibers, Fiber-Metals, and Nano-Filler Particles – A Review." 2019 First International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019) held at Department of Mechanical Engineering, KLE Dr. M S Sheshgiri College of Engineering & Technology, Belagavi, Karnataka, India, 12 – 14, September 2019
10. G.R. Chavhan, **L.N. Wankhade**, "Flexural and Hardness Testing of E-Glass Fiber / Composite Matrix Composite-Material Leaf Spring used in Automotives" International Conference on "Advance Material, Energy & Environmental Sustainability" held at University of Petroleum and Energy Studies, Dehradun, 14-15 December 2018.
11. **Wankhade L. N** and Khandre N. M., "Technical Teachers And Industry- A New Partnership Mode" ISTE Sixth Annual Convention, Dec.14-15, 2002, Dr. B. A. T. U. Lonere-Raigad.
12. **Wankhade L. N** and Pandit R. U., "Knowledge Society in the era of Information Revolution" ISTE Sixth Annual Convention, Dec.14-15, 2002, Dr. B. A. T. U. Lonere-Raigad.
13. **Wankhade L. N**, Pandit R. U., and Khandre N. M., "Managing Information Flow in Industries," XVI National Convention of Production Engineers and National Seminar on emerging trends in Manufacturing, Jan 19-20, 2002, Banaras Hindu University, Varanasi.
14. Chanmanwar, **Wankhade**, Sharma, Nandedkar, "Optimization of ECM parameters for MRR and ROC on tool steel," SPICON, May 30-June 2, 2012, Mumbai.
15. Zolekar and **Wankhade**, "Finite Element Analysis and Optimization of I.C. Engine Piston Using RADIOSS and OptiStruct," Altair Technology Conference 2013, Pune.
16. Ghale and **Wankhade**, "Study of effect of temperature on Limiting Draw Ratio of Deep Drawing process using Hyper Form," Altair Technology Conference 2013, Pune.

17. V.M. Rathod and **L.N. Wankhade**, "Small and Medium Sized Make to Order Manufacturing System Control: A Workload Control Approach", 6th National Conference on Recent Advances in Manufacturing (RAM-2016) held at SVNIT, Surat, pp.391-396, 12-14 May, 2016.

- **Editorial Work:** Work as a journal editor or reviewer.

Acted as Editor of Proceedings of International Conference on "Advanced and Agile Manufacturing and Agile Software Development" held at SGGSI&T, Nanded during 6-8 Oct 2016

## 6. Awards and Honors

- **Grants:** Research grants or funding received from organizations.
- **Awards:** Academic awards or recognitions (e.g., Best Paper, Teaching Excellence).
- **Fellowships:** Prestigious fellowships or memberships in scholarly societies.

## 7. Professional Experience

- **Administrative Roles:** Any leadership or committee roles within the institution (e.g., Dean, Chairperson).
1. Worked as Head of Production Engineering Department from 13 September 2017 to 1 January 2025
  2. Worked as Head of Workshop Department.
  3. Worked as Controller of Examinations from 24th July 2013 for three years.
  4. Chairman, Board of studies (BOS) for UG and PG at Production Engineering Dept., SGGSI&T, Nanded and member of BOS of UG and PG at Mechanical Engineering Dept., SGGI&T, Nanded.
  5. Acted as Editor of Proceedings of International Conference on "Advanced and Agile Manufacturing and Agile Software Development" held at SGGSI&T, Nanded during 6-8 Oct 2016.
  6. Worked for Directorate of Technical Education, Mumbai as an officer in charge for the centralized CET Examination for MBA, February 2008.
  7. Acted as PG coordinator, M.Tech (Mechanical CAD/CAM) course in Production Engineering Dept. for academic year 2008-2009 to 2011-2012.
  8. Worked as a member of the tribal development cell for the Institute under TEQIP scheme during the year 2004-07.
  9. Acted as Magazine In charge of reputed Institute magazine "DRISHTI 2006" and received a second prize for the best magazine at university level.

10. Acted as a member of SRTMU, Nanded, Examination Squad for May/June 2004 and 2005 Examinations.
11. Acted as committee member for branch change at SY level in academic years 2016-17, 2017- 18, and 2018-19.
12. Developed institute brochure in 2009 and 2010.
13. Modernized Engineering Drawing laboratory in academic year 2016-17.
14. Worked as Coordinator of Central Assessment program (CAP) in Dec. 2012.
15. Acted as Vehicle In charge jointly for SGGSC&T, Nanded during 1991-1992.
16. Contributed in restructuring of UG and PG syllabus for Mechanical and Production Engineering at SRTMU, Nanded.
17. Acted as member in M.E/M.Tech. (Mechanical CAD/CAM) admission committee. 18. University recognized post graduate teacher.
18. Acted as member of Central Admission Committee for First Year Engineering under SRTMU, Nanded and Dr. BAMU, Aurangabad.
19. Actively involved for starting a PG Course in Mechanical – CAD/CAM at Production Engineering Dept during 1995-1996.
20. Twice acted as Examination Coordinator for institute examinations.
21. Acted as faculty coordinator of departmental library for competitive examinations.
22. Acted as Time table In-charge for the department for three years.
23. Developed Theory of Machines Laboratory, and System Dynamics and Simulation Lab.
24. Faculty Advisor for Innovation Projects event of Pragya 2009.
25. Worked as examiner and moderator for paper assessment for SRTM University Nanded (MS).
26. Syllabus setting for UG / PG courses.
27. Examiner for CCC level course of DOEACC.
28. Worked as term work in charge, practical examination coordinator, time table in charge, class coordinator, and industrial visits in charge at department level.
29. Worked in students' gathering committees.
30. Worked for centre of excellence at department level.
31. Worked as an active member for NBA accreditation of Production Engineering Department for two times for UG and one time for PG in CAD/CAM and accreditation granted.
  - **Industry Collaboration:** Work with industry partners or involvement in applied research.
  - **Consulting Work:** Consulting experience in the field.
  - **Reviewer-**

1. International Journal of Quality and Reliability Management
2. Annual Conference by System Dynamics Society
3. Materials Today: Proceedings, Elsevier.

## **8. Supervision and Mentoring**

- **PhD/Master's Supervision:** List of students supervised, especially PhD and Master's theses.
  - Ph. D. Guided:08 (01 Awarded, 07 in progress)
  - M. Tech. Guided: Approximately 50 from Mechanical -CAD/CAM and PLM

## **9. Professional Memberships**

- **Associations:** Membership in academic or professional organizations (e.g., IEEE, APA).
  - System Dynamics Society, Albany, NewYork
  - Research Committee, EuroMed Research Business Institute

## **10. Miscellaneous**

- **Languages:** English, Hindi, Mrathi
- **Skills:** Technical or specialized skills in research methods, software, or tools.
- **Personal Interests:** Any hobbies or interests, if desired, to add a personal touch.