

## BIO-DATA



1. **Name** Amar Babu Murumkar
2. **Designation** Assistant Professor
3. **Residential Address** Ambernath (East), Maharashtra – 421501.
4. **Date of birth** 27<sup>th</sup> July
5. **Total Experience** 18 years 2 months
  - i. **Teaching** 10 Years 4 months
  - ii. **Industrial** 7 Years 8 Months

6. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
M.E.	2019	Mumbai University	Manufacturing Systems Engineering	8.0 CGPI
B.E.	2007	KJSCE, Vidyavihar Mumbai University	Mechanical	63.33 %

7. **Employment Record**

Institution	Year (From To)	Designation
Fr. C. Rodrigues Institute of Technology, Vashi	Jan 2021 to till date	Assistant Professor
G.V. Acharya Institute of Technology and Engineering, Shelu	Jul 2019 to Dec 2020	Assistant Professor
Saraswati Institute of Technology, Kharghar	May 2018 to Apr 2019 Jun 2015 to Apr 2018	In-charge HOD Lecturer
BuchiGlas India Pvt. Ltd., Mulund, Mumbai	Dec 2009 to Mar 2015 Jan 2008 to Nov 2009	Manager Technical Sales and Support Sales and Service Engineer
McCoy Architectural Systems Pvt Ltd, Mumbai.	Aug 2007 to Dec 2007	Trainee Project Engineer

8. **Undergraduate / Postgraduate Teaching Experience and Subjects Taught**  
**Subjects Taught at UG level**

Sr.No.	Name of Subject	Semester
01	Engineering Graphics	II
02	Production Process II	IV
03	Mechanical Measurements and Control	V
04	Electrical Drives and Controls	V
05	Metrology and Quality Engineering	VI
06	Production Planning and Control	VII
07	Total Quality Management	VIII
08	Project Management	VIII

**Subjects Taught at PG level**

Sr.No.	Name of Subject	Semester
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9. **Research Experience:** Nil

10. **Research Funding / Consultancy Services:**

Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period
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**Research Grants:**

Sr.No.	Name of Funding Organization	Type of Grant	Amount (Rs.)	Year	Name of Research Project
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**Technical Collaboration / Lab Funding with Industries**

Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year
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11. **Professional Societies Fellowship / Membership**

- Life member of Indian Institute of Welding (IIW)
- Life member of Council of Vibration Specialists (CVS)

12. **Achievements / Awards / Position:** Nil.

13. **Projects guided in UG/PG level:** 1 UG

14. **Short Term Training Programmes attended**

1. 12 weeks - Online NPTEL-AICTE FDP Certification course from Jul-Oct 25 on "Logistics and Supply Chain Management" organized by IIT Kharagpur.
2. 2 weeks - Industrial Training Programme Training on "Train the trainer program – Welding Technology" organized by Fronius India Pvt Ltd, Pune from 11<sup>th</sup> Nov 2024 to 22<sup>nd</sup> Nov 2024.
3. 8 weeks - Online NPTEL-AICTE FDP Certification course from Feb-Apr 24 on "Project Management" organized by IIT Roorkee.
4. Short-Term Online Course of 30 hours duration on "Warehouse Automation" organized by the Centre of Excellence in Logistics and Supply Chain Management, National Institute of Technology Calicut from May 15th to 27th, 2023.
5. 8 weeks - Online NPTEL-AICTE FDP Certification course from Feb-Apr 23 on "Total Quality Management" organized by IIT Kanpur.
6. 30 hours duration Certification program on "Virtual Instrumentation and Automation" organized by Fr. C. Rodrigues Institute of Technology Vashi from 02<sup>nd</sup> Jan 2023 to 06<sup>th</sup> Jan 2023.
7. 5-days online FDP on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education from 13<sup>th</sup> Dec 2021 to 17<sup>th</sup> Dec 2021.
8. AICTE Training and Learning (ATAL) Academy Online FDP on " Developing Interpersonal Skills and Effective Communication Intelligence " from 06<sup>th</sup> Dec 2021 to 10<sup>th</sup> Dec 2021 at Sardar Patel College of Engineering Mumbai.
9. AICTE Training and Learning (ATAL) Academy Online FDP on " Strategy " from 07<sup>th</sup> Dec 2020 to 11<sup>th</sup> Dec 2020 at Amity Business School, Noida.
10. AICTE Training and Learning (ATAL) Academy Online FDP on " Operations Management" from 05<sup>th</sup> Oct 2020 to 09<sup>th</sup> Oct 2020 at Christian College of Engineering and Technology, Bhilai.
11. AICTE Training and Learning (ATAL) Academy Online FDP on " 3D Printing & Design" from 14<sup>th</sup> Sep 2020 to 18<sup>th</sup> Sep 2020 at Bharati Vidyapeeth College of Engineering, Belapur.
12. 8 weeks - Online NPTEL-AICTE Certification course from Aug-Oct 19 on "Toyota Production System" organized by IIT Kanpur.
13. 12 weeks - Online NPTEL-AICTE Faculty Development Programme Certification course from Jan-Apr 19 on "Six Sigma" organized by IIT Kharagpur.

14. 8 weeks - Online NPTEL-AICTE Certification course from Feb-Apr 19 on “Enhancing Soft Skills and Personality” organized by IIT Kanpur.
15. 8 weeks - Online NPTEL-AICTE Certification course from Aug-Oct 18 on “Developing Soft Skills and Personality” organized by IIT Kanpur.
16. FDP at CIPET, Aurangabad on “CNC tooling” from 17<sup>th</sup> Sep 2018 to 21<sup>st</sup> Sep 2018.
17. STTP on Effective Teaching Methods at Re Vera Institute of Technology, Kharghar from 06<sup>th</sup> Jun 2016 to 10<sup>th</sup> Jun 2016.

**15. List of Journal Papers Published**

- J. Sutar, S.N. Teli and **A. B. Murumkar**, “Drilling Process improvement by Taguchi method”, *Materials Today: Proceedings*, 2021, 47, pp. 2814–2819, <https://doi.org/10.1016/j.matpr.2021.03.533>.
- **A.B. Murumkar** and S.N. Teli, “Quality Cost and Six Sigma Framework to Improve Quality”, *International Journal of Scientific & Engineering Research*, vol.10, Issue 5, pp. 33-38, ISSN 2229-5518, 2019.
- S.N. Teli, **A.B. Murumkar** and S. Lad, “Knowledge Management: A Review”, *International Journal of Scientific & Engineering Research*, vol. 10, Issue 5, pp. 183-185, May-2019 ISSN 2229-5518, 2019.
- S.N. Teli and **A.B. Murumkar**, “Cost of Quality for Automobile Industry: A Review”, *IOSR Journal of Engineering (IOSRJEN)*, ISSN (e): 2250-3021, ISSN (p): 2278-8719, pp. 47-53, 2018.
- **A. B. Murumkar**, S.N. Teli, S. Jadhav, S. Dharmadhikari and M. Nikam, “Integrated Approach of Cost of Quality and Six Sigma”, *International Journal of Scientific & Engineering Research*, vol. 9, Issue 5, pp. 351-356, 2018.
- **A.B. Murumkar**, S. N. Teli, and R.R. Loni, “Framework for Reduction of Cost of Quality”, *International Conference on Sustainable Growth through Universal Practices in Science, Technology and Management (ICSGUPSTM-2018)*, Goa (2018b) Special Issue. pp. 156-162, 10.18231/2454-9150.2018.0231, 2018.

**16. List of Papers Published in National and International Conferences**

- S. M. Gaikwad, U. Bhushi, S. B. Mali, R. Premkumar, **A. B. Murumkar** and W. R. Babu, "Design and Implementation of Modular Servo Controller for Positioning System with 4 Axis Motion Control Module," *2023, 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)*, Bengaluru, India, 2023, pp. 507-511, doi: 10.1109/ICIMIA60377.2023.10426602.
- **A. B. Murumkar**, S. N. Teli, and B. Metri, “Three- Dimensional Quality Cost Assessment”, *12th Annual ISDSI Conference*, SPJIMR, Mumbai, 2018.
- S.N. Teli, **A. B. Murumkar**, S. Lad, and V. Yakkundi, “Reduction of Supplier Quality Cost using Six Sigma”, *International Conference on Role of Industrial Engineering in Industry 4.0 Paradigm (ICIEIND)*, Bhubaneswar, India, 2018.
- S. N. Teli and **A. B. Murumkar** (2018), “Automobile Dealer Quality Cost: A Review”, *National Conference on Recent Trends in Engineering & Technology (NCRTE-18)*, KBP College of Engineering, Satara, 2018.
- **A. B. Murumkar**, S. N. Teli, U. Bhushi, and A. Deshpande, “Hidden Cost of Quality”, *11th International Conference, ISDSI, IIM Trichy*, pp. 137-138, 28-30th Dec 2017.

**17. Books/Reports/General articles etc.**

- “Integrated Approach of Quality Cost and Six Sigma: Customer Delight”, Lambert Academic Publishing, Pages:92, ISBN: 978-6200091635, May 2019.

**18. Invited Lectures in FDP/ STTP : Nil**

**19. International Conference Technical Program Committee Member / Reviewer: Nil**

**20. Patents: Nil**