

<b>Name of Faculty</b>	Mandar Mukundrav Sumant
<b>Designation</b>	Assistant Professor
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<b>Contact number</b>	9427603531
<b>Total Experience</b>	
<b>Teaching</b>	08 years 05 months
<b>Industry</b>	03 years 10 months
<b>Professional Summary</b>	Working as Assistant Professor in Mechanical engineering Department of BIT from 2013. Worked as Lecturer in Polytechnic, The M.S.University of Baroda for 3 years.
<b>Current Activities</b>	Coordinator of Industrial Visit and Cultural activity in department
<b>Specialization Areas</b>	Advanced Manufacturing Systems, Lean Manufacturing
<b>Subject Taught (UG/PG)</b>	Element of Mechanical Engineering Engineering Graphics Manufacturing Processes-1 and 2 Mechanical Measurement and Metrology Production Technology Computer Aided Manufacturing Product Design and Value Engineering Quality Engineering
<b>Qualifications</b>	M.E. in Mechanical Engg. (2014) (Distinction) Gujarat Technological University  B.E. (Mechanical ) (2006) (First class with distinction) JRNRVD University, Udaipur  Diploma in Mechanical Engg. (2000) (First class) Polytechnic, The M.S.University of Baroda
<b>Skills</b>	Well versed in production and manufacturing area. Also guided projects in Lean Manufacturing and correlated topics.
<b>Achievements</b>	Nil
<b>Research Project</b>	Nil
<b>Publications</b>	<ol style="list-style-type: none"> <li>1. Identify the lean tool for different industrial sectors in India, International Journal of Engineering Development and Research (IJEDR), Vol. 2, No. 2, pp. 2376-2379, ISSN - ISBN NO-2321-9939,May 2014.</li> <li>2. Importance of Lean Tools and Techniques in Industrial sec, tors: A literature Review, International Journal of Applied Engineering Research , (IJAER), Vol.1 No.7, pp. 765-771, ISSN -ISBN NO-0973-4562, May 2014</li> <li>3. Parametric analysis of deep drawing process for hemisphere dome shape of Steel AISI 1023, Journal of basic and applied engineering research (JBAER), vol.1, no.2, pp.-9-16, ISSN -ISBN NO-2350-0077, 2350-0255, Oct 2014,</li> <li>4. A review of circular solar water collector for close water open air (CWOA) air heated humidification and dehumidification process, Journal of basic and applied engineering research (JBAER), vol.1, no.9, pp.-10-16, ISSN -ISBN NO-2350-0077, 2350-0255, Oct 2014</li> <li>5. Theoretical model of circular solar collector for close water open air (CWOA) heated</li> </ol>

humidification and dehumidification, International Journal of Renewable Energy and Environmental Engineering (IJREEE), vol. 3, no. 1, pp.-26-30, ISSN –ISBN No.- 2348-0157, January 2015

6. Effect of Air inlet temperature on performance of circular solar collector for close-water open-air (CWOA) air heated humidification –dehumidification process, Internal Journal of Advance Engineering and Research Development, vol.2, no.3, pp.-360-366, ISSN –ISBN No.-2348-4470, 2348-6406, March 2015
7. Effect of overall Heat loss coefficient on performance of Circular Solar collector for close water open air (CWOA) humidification dehumidification process, International Journal of Advance Engineering and Research Development, Vol. 2, No. 4, pp-272-280, ISSN –ISBN No- 2348-4470, 2348-6406, April 2015
8. Performance of Circular Solar collector for Close Water Open Air (CWOA) Air heated humidification-dehumidification process for finding the effect of Air flow rate on efficiency of solar air heater, International Journal of Renewable Energy and Environmental Engineering, Vol. 3, No. 2, pp-130-136, ISSN –ISBN No-2348-0157, April 2015
9. Study of Mechanical and Structural properties of PCL/TCP composite using Selective Laser Sintering, Proceedings of 2nd International Conference on Emerging Trends in Mechanical Engineering, pp-44-49, ISBN: 978-93-84659-77-6, February 24-25, 2017
10. A Literature review on the Development of Tube’s Inner Surface Polishing, Journal of Basic and Applied Engineering Research, Vol. 4, No. 7, pp-551-554, p-ISSN: 2350-0077; e-ISSN: 2350-0255; Dec 2017
11. Review of Lean Manufacturing Philosophy in Manufacturing SMEs to Identify Critical Success Factors, Proceedings -4th International conference on Industrial Engineering, ICIE 2017, Vol. 3, Sec. VII, pp-993-1005, ISBN: 978-93-86238-39-9, December 21-23, 2017
12. A Literature Review on Drivers and Barriers of Green Manufacturing in Indian / Global SME’s, Proceedings -4th International conference on Industrial Engineering, ICIE 2017, Vol.3, Sec. X, pp-1269-1272, ISBN: 978-93-86238-39-9, December 21-23, 2017
13. Design and Fabrication of Maize Shelling Machine, Journal of Material Science and Mechanical Engineering, Vol. 5, Issue 1, pp-5-12, p-ISSN: 2393-9095; e-ISSN: 2393-9109, May 2018
14. Review of lean-green manufacturing practices in SMEs for sustainable framework, Int. J. Business Innovation and Research, Vol.17, No 1, pp-38-63, ISSN online: 1751-0260 ISSN print: 1751-0252, July 2018

**Activities and honours**

- Nil

**Grant Received**

- Nil