

Name Mr. Milind Shrikant Kirkire.
B.E. (Mechanical), M.Tech. Mechanical
(CAD/CAM & Automation), Pursuing
PhD (Mechanical).

Date of Birth 19/11/1978

Highest Qualification M.Tech.

Branch / Specialization Mechanical (CAD/CAM & Automation)

Designation Assistant Professor

Department Mechanical Engineering

Date of Joining the Institute 02/08/2010



Work Experience

Academic: 11 years

Industry: 3.5 years

Number of Papers Published in National/ International Journals

National : 01
International : 05

Details

National Journal

1. Research paper on " Knowledge management in supply chain: A case study" Indian Institution of Industrial Engineering Journal

International Journal

1. "Risk management in medical product development process using traditional FMEA and fuzzy linguistic approach: a case study "(2015), Journal of Industrial Engineering International. (**Springer Link**).

2. "Investigation of Springback design process parameters and effect of unloading Elastic Modulus in V bending of Aluminium HE9" (2015) International Journal of Modern Trends in Engineering and Research (IJMTER) Volume 2, Issue 7, Special Issue of ICRTET'2015

3. "Experimental parametric study of corrugated wire mesh laminates using Taguchi Design of Experiments" (2014) International Journal of Engineering Development and Research, Vol. 2, No 2 ISSN:2321-9939

4. A mathematical model to determine sensitivity of vibration signals for localized defects and to find effective number of balls in ball bearing" (2014) International Journal of Engineering Development and Research,

5. "Optimization of the facilities utilization and Improvement in certain parameters of manufacturing System using simulation" published in International Journal of Design and Manufacturing Technology (IJDMT), Volume 2 Issue 1 June 2011- January 2012 issue (ISSN Print- 0976 6995, ISSN Online- 0976 7002)

**Number of Papers
Presented/Published
in National/
International
Conferences
Details**

International:11

1."Investigation of Springback design process parameters and effect of unloading Elastic Modulus in V bending of Aluminium HE9" (2015), 4th International Conference on Recent Trends in Engineering & Technology (ICRTET'2015) (2nd to 4th July) Organized by SNJB's Late. Sau. K. B. Jain College of Engineering, Chandwad, Dist-Nashik. Proceedings published by McGraw Hill Education

2."Knowledge management in supply chain: A case study" Indian Institution of Industrial Engineering Journal (22 & 23 November, 2012), International Conference - 'Best Practices in SCM', Bhubeshwar, Odisha".Proc. of 1st Intl. Conference on "BPSCM ", pp. 547-554

3."Knowledge based parametric approach for design of gearbox", published in the proc. of International conference on advanced manufacturing & automation 09, Kalasalingam university, Krishnankoil, Tamilnadu, India.(March 26-28)

4."Artificial intelligence in design", published in the proc. of International conference on Advances in mechanical engg 09, S V National Institute of Technology, Surat, Gujarat, India.(August 3-5)

5."Soft Technologies for Knowledge Management", published in the proc. of International conference (APORS 09) organized by Association of Asia Pacific operational research society, Jaipur, India(December6-9)

6."Manufacturing System Simulation & Reengineering for Improved Throughput", published in the proc. of International conference on Latest trends in Simulation modeling & analysis (COSMA 09), National Institute of Technology Calicut, India.(December 17-19)

7."Evaluation of manufacturing System by discrete event simulation", published in the proc. of International conference (APORS 09) organized by Association of Asia Pacific operational research society , Jaipur, India.(December 6-9)

8."Discrete event simulation and re-engineering to improve performance of manufacturing system", published in the proc. of 9th global conference

on flexible systems management, GLOGIFT 09 at National Institute of Industrial Engineering (NITIE), Powai, Mumbai. (November 12-14)

9. "Product design knowledge reuse", published in the proc. of International conference on Advances in mechanical engg. 2010, S V National Institute of Technology, Surat, Gujarat, India.

10. "Exploring the dimensions of lean Supply chains in Pharmaceutical Industry: A case study" published in the proc. of International conference on Advances in Industrial engg. 2011, S V National Institute of Technology, Surat, Gujarat, India. (Nov. 17-19)

11. "Design automation of gears", published in the proc. of National Conf. on Advances in Mech. Engg. 09, RGIT, Mumbai. (January 15-16)

12. Exploring barriers to medical device development from Indian manufacturers' perspective, 3rd International conference on Industrial Engineering, S V National Institute of Technology, Surat, Gujarat, India. Presented and published in proceedings of ICIE15.

Number of Workshops, STTPs Attended

13

Details

1. Two days workshop on "Research Methodology" at RMCET, Ambav (Devruk), Ratnagiri (5-6 June, 2014).

2. Two weeks ISTE -IITB workshop on "Engineering Thermodynamics" at Remote centre Finolex Academy of management & Technology, Ratnagiri (10-21 Dec, 2012).

3. Two weeks ISTE -IITB workshop on "Introduction to Research Methodologies" at Remote centre Finolex Academy of management & Technology, Ratnagiri (25 June - 4 July 2012)

4. Two days workshop on "Akaash for Education" at Remote centre Finolex Academy of management & Technology, Ratnagiri (10-11 Nov, 2012).

5. One week IUCEE training program on Advances in manufacturing Systems at SVNIT, Surat (20-24 June 2011).

6. One week AICTE sponsored STTP on Knowledge management: Issues & challenges at SVNIT, Surat (4-8 Jan, 2010).

7. One day national seminar on Institution building & NBA accreditation at TKIET, Warananagar, Kolhapur (2010).

8. Two days seminar on Autodesk Inventor (2009) at Finolex Academy of management & Technology, Ratnagiri.

9. One week AICTE-ISTE STTP on TQM in engineering education at VNR

VJIET, Hyderabad (17-21 June, 2008).

10. Two days conference & seminar on CFD at I²IIT, Pune (14-15 Dec, 2007).

11. Two days AICTE sponsored national seminar on Application of soft technologies in higher education at RMCET, Devrukh, Ratnagiri (25-26 July, 2008).

12. Two days training program on Mechatronics at SAE, Kondhava, Pune (17-18 Jan, 2007).

13. Two weeks STTP on developing teaching competencies at NITTR, Bhopal, Extn. Centre, Pune (9-20 May, 2005).

**Students projects
Guided at Masters
Level**

[M.E Mechanical-
Machine Design]

Completed: 03

On-going: 04

Details

Completed

1. Finite Element Analysis of Femur Prosthesis during Daily Activity (Mr. Arun V Javir)

2. Condition Monitoring for Fault Detection and Diagnosis of Rolling Element Bearing (Mr. Vikram V Nagle)

3. Investigation of Mechanical Behavior of Corrugated Wire mesh Laminates (Mr. Tushar V kavatkar)

**Membership
Professional Bodies**

Details

1. Indian Society of Technical Education (I.S.T.E)

**Seminars/Lecture/
Invited Talks**

Delivered As

NIL

Resource Person

Details

NIL

**Awards / Honours /
Prizes**

NIL

Details

NIL

**Research /
Sponsored /
Consultancy Projects**

NIL