

## Bio-Data



1. **Name** Mr. NANAJI KSHIRSAGAR
2. **Designation** Assistant Professor
3. **Residential Address** Kharghar, Navi Mumbai. 410210
4. **Date of birth** 1<sup>st</sup> June
5. **Total Experience** 27 yrs
  - i **Teaching** 27 yrs
  - ii **Industry** 4 Months

### 6. Qualifications

#### Educational Qualification:

Sr. No.	Degree	Year	Institute/University
1	D.M.E.	1993	Government Polytechnic Solapur / BTE Bombay
2	B E (Mechanical)	1996	S.T.B. College of Engineering, Tuljapur / Dr. B.A. Marathwada University, Aurangabad
3	M.Tech. (Machine Design)	2007	VJTI Matunga Mumbai / Mumbai University

### 7. Employment Record:

Sr. No.	Name of the organization	Teaching /Industrial	Position Held	Dates From To	
1	Enpro Engineers	Industrial	Project Engineer	01-01-97	31-5-97
2	Dr. D. Y. Patil College of Engineering, Pimpri, Pune	Teaching	Lecturer	01-07-97	03-08-98
3	F.C. Rodrigues Institute of Technology, Vashi, Navi	Teaching	Assistant Professor	22-09-98	till date

	Mumbai			
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## 8. Research Publications

	<b>List of Papers Published in National and International Conferences</b>
1	A review of hybrid micro-machining: State of art approach, N Kshirsagar, R M Tayade, Sachin Solanki, International conference IRST-2023, Shobhit Institute of Engineering and Technology Meerut, 20-23 May, 2023
2.	A review of sequential micro-machining: State of art approach, N Kshirsagar, RM Tayade, Elsevier, Materials Today: Proceedings, 2022
3.	Design and Development of a Quad-Copter using Optimization Techniques, N Amaiya Khardenavis, Karunakaran Rakeshkumar, Jerine Jojo, Subhanshu Rajput International conference FEAST-18, NIT Trichy
4.	Design and Kinematic Optimization of Self Balanced Reciprocating Mechanism Conference: Second International Conference On Design, Materials & Manufacture 2019, National Institute of Technology Karnataka, Surathkal, December 2019
5.	Experimental investigation of vibration characteristics of Magneto-rheological fluid with single rotor system, Suraj Nair Viraj Karnik, Saurabh Kolte, Joel George, Nitesh Yelve, Nanaji Kshirsagar, Conference: World Research Forum for Engineers and Researchers International Conference, Pune, India May 2017
6.	Design and Development of a Quad-Copter using Optimization Techniques, Presented and published in the proceedings of International conference FEAST-18, organized by Department of Computer Applications, National Institute of Technology, April 27th & April 28th, 2018, Trichy (Tiruchirappalli)-620015
7.	Surface Finish Optimization by Taguchi Method, Proceedings of the NCNTE2012, Third Biennial National Conference on Nascent Technologies Fr. C. R. I. T. Vashi, Navi Mumbai, Feb 24-25, 2012
8.	Design and Analysis of Three Strut Tensegrity Structure, International Conference on Advances in Engineering and Technology, (ICAET-2011), E.G.S. Pillay C.O.E., Nagapattinam, May 27-28, 2011
9.	Analysis of Radiator Fan of WDM-2 Locomotive Engine for Efficiency Improvement, National Conference NCSAME-2009 JNTU College of Engineering Hyderabad, 20-21 August, 2009
10	Analysis for Form Finding of Three Strut- Tensegrity Structure, National Conference on Advances in Mechanical and Electrical Engineering (AMEE- 2010)
11	Analysis and Crack Growth Behavior of Nuclear Piping Materials using Experimental and J-Contour Integral Methods, IEEE-International Conference On Advances in Engineering, Science and Management (ICAESM -2012), Nagapattinam, March 30 & 31, 2012
12	Analysis and Control of Modeled Double Flexural Manipulator, National Conference, Rajiv Gandhi Institute of Technology, Mumbai, 15-16 January, 2009

**9. Short Term Courses attended**

<b>Sr. No.</b>	<b>Topic</b>	<b>Organizing Institute</b>	<b>Duration</b>	<b>Dates</b>
1	CEP Course on “MEMS Design, Fabrication and Characterization: Fundamentals and Hands-on”	IIT Bombay	3 Days	May 22-24, 2008
2	MHRD/AICTE sponsored FDP on “Soft Computing Skills in Engineering”	MNIT Jaipur	2 Weeks	December 11-24, 2008
3	QIP course on “Sound and Vibrations: Fundamentals, Measurements and Diagnostic Analysis”	IIT Roorkee	1 Week	July 6-10, 2009
4	FDP on Research Career Success and Survival Tips”	Fr. C. R. College of Engineering, Bandra Mumbai	2 Days	March 11-12, 2011
5	CE & QIP Course on “Control Systems”	IIT Bombay	1 Week	December 3-7, 2012
6	AICTE sponsored QIP Short Term Course on “Finite Element Methods & Applications in Civil Engineering”	IIT Bombay	1 Week	July 1-5, 2013
7	Workshop / Orientation on “Computer Aided Machine Drawing”	VINSYS (Partner of Autodesk) Fr. C. R. I. T. Vashi, Navi Mumbai	3 Days	July 11-13, 2013
8	STTP on “Fluid Power”	NITTTR, Kolkata	5 days	July 11-15, 2022

**10. Projects guided in UG/PG level : 3 PG****11. Professional Associations : ISTE life member**