

## 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** 26 yrs
  - i **Teaching** 26 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.<br>(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 Mumbai | Teaching             | Assistant Professor | 22-09-98 | till date |

**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 Technologym 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  |

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### 9. Short Term Courses attended

| Sr. No. | Topic   | Organizing Institute  | Duration | Dates                |
|---------|---|---|----------|----------------------|
| 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