


**S.V.DEPARTMENT OF MECHANICAL ENGINEERING**

Name	VANAJRI SACHIN VILAS	
Designation	<b>HOD, MECHANICAL.</b> Associate.Prof. Exam.Incharge	
Date of Birth	<b>15/12/1972</b>	
Highest Qualification	<b>M.E.</b>	
Specialisation	<b>Design</b>	
Teaching experience	<b>19 Years</b>	
Industrial Experience	<b>04 Years</b>	
Email id	sachinvanjari@rediffmail.com	
Date of joining	10/07/1999	

**Publications in National Conferences**

No .of Papers presented/published (National conferences)	<b>02</b>
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Details	<p>1.13th International Conference on Recent Innovations In Science, Engineering &amp; Management 23.02.18 ISBN:978-93-87793-02-6 "Copper-Chromium electric contact materials by Power Forging".</p> <p>2. 13th International Conference on Recent Innovations In Science, Engineering &amp; Management 23.02.18 ISBN:978-93-87793-02-6 "Multi-Objective Optimization of Laser Cutting Process Parameters for mild steel."</p>
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No. of Papers presented/published (International conferences)	<b>05</b>
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Details	<p>1. Design OF GENERALISED MODEL OF INTELLIGENT &amp; ADAPTIVE DESIGN TOOL FOR CAD SOFTWARE IJAMTES ISSN 2249-7455 VOL-II ISSUE 10(I) JULY 13</p> <p>2. "Experimental Investigation On Surface Roughness In Finish Turning Of EN8 Steel" IJSR VOL-II MAR 14</p> <p>3."Heat Transfer Enhancement using porous material" in IJLTET Journal, Volume 8 Issue 1 Jan17</p> <p>4.'Investigation of Heat Transfer Rate through Porous Material " In IJRASET Journal VOL 5, Issue X, Oct 17</p> <p>5."Improvement In Efficiency Of Solar Evacuated Tube Using Heat Pipe" in IJSART Journal Vol 4, Issue 4 Apr 18</p>
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No. of seminars	Nil
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No. of STTP/Workshops	13
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Details	<p>1) Two days Orientation program at Thadomal Sahani College in 2000.</p> <p>2) STTP on Engg. Mechanics at AISSMS college of Engg. Pune.</p> <p>3) One day seminar on Engg. Mechanics &amp; Engg. Drawing at SPCE, Andheri.</p> <p>4) Training program on" AUTOCAD" at GIT, Khed.</p> <p>5) STTP on "Advanced Materials in engineering" at SSPM COE, Kankavali.</p> <p>6) STTP on "Finite Element Analysis and their applications in</p>
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	<p>science and engineering” at Annasaheb Dange COE, Ashta.</p> <p>7) STTP on “Solar, wind &amp; renewable energy sources” at SSPM COE, Kankavali</p> <p>8) STTP on “Nanotechnology-Fabrication Methods &amp; its application” at A.M.A.N.C. College, Rajapur</p> <p>9) STTP on “Moving towards Open Source” at Vidyalankar Institute, Mumbai</p> <p>10) Two week STTP on Thermodynamics at FAMT Ratnagiri</p> <p>11) STTP on "Outcome Based Education-Innovative Teaching Learning Process " at SPIT, Andheri, Mumbai.</p> <p>12)Two Days Workshop on "Institute Development Through Research" at KIT College</p> <p>13)STTP on "Emerging Trends and Approaches in Product Design and Development" at PVPIT Budhgaon Sangali</p>
No. of projects guided at UG level	<b>10</b>
Details	<p>1.Smart Automobile (2014)</p> <p>2.Six stroke Engine(2014)</p> <p>3.Design &amp; Manufacturing of Plano Miller(2015)</p> <p>4. Design &amp; Manufacturing of Aluminum section cutting Machine (2015)</p> <p>5.Automated spray paint set-up(2016)</p> <p>6.Modified engine running on acetylene.(2016)</p> <p>7.Potato Peeling &amp; Slicing Machine (2017)</p> <p>8. Smart Seed Sowing Machine (2017)</p> <p>9. Automated Mango Seed Deshelling machine(2018)</p> <p>10.Evacuated Tube Solar Plate Collector (2018)</p>
Membership in Professional Bodies	<b>ISTE LM 5164</b>
Research / Sponsored / Consultancy Projects	Nil
Awards / Honours / Prizes	Nil
No. of Books published	Nil
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