

	<p>Prof. Kadir A Ajij Shaikh</p> <p>Designation: Assistant Professor</p> <p>Qualification: M.E. Mech- Design Engineering</p> <p>Email-id: kadirshaikh@orchidengg.ac.in</p> <p>Mobile No.:9552529247</p> <p>Age:42</p> <p>Total Experience: 18 Years</p> <p>Teaching experience: 18 Years</p> <p>Date of Joining this Institution (NKOCET): 9 Years</p> <p>Area of Interests: Design, Drawing, Materials</p>
<p>Education</p>	<p>Doctoral Research: Persuing</p> <p>Masters: M.Tech from WIT in 2010</p> <p>Bachelors: B.E. from GECAurangabad in 2001</p>
<p>Subject Taught</p>	<ol style="list-style-type: none"> <li>1) Engineering Graphics</li> <li>2) Machine Design - I</li> <li>3) Theory of Machine - I</li> <li>4) Applied Mechanics</li> <li>5) Basic Mechanical Engineering</li> </ol>
<p>Project Guided</p>	<p>PhD Nil</p> <p>Masters Nil</p> <p>Bachelors 14 Nos</p>
<p>Conferences / STTP /FDP/ Workshops</p>	<p><b>Conferences Attended:</b></p> <ul style="list-style-type: none"> <li>➤ Presented a Paper on, “Production and characterization of Titanium Based Metal Matrix Composites using Powder Metallurgy”, at <b>iCammme2021</b>, Reva University, Bangalore, on 9<sup>th</sup> and 10<sup>th</sup> July 2021.</li> <li>➤ Presented a Paper on, “Design of Induction Motor End Cover Pressing Equipment”, in <b>National conference</b> on Emerging trends in Mechanical Engineering 2018 at East West Institute of Technology, Bengaluru, on 10<sup>th</sup> – 11<sup>th</sup> May 2018.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Presented a Paper on, “Flywheel as an UPS”, in <b>International Conference</b> on Interdisciplinary Research and Development in Management, Engineering Technology and Social Sciences at Hotel Tuli Imperial, Nagpur on 28<sup>th</sup> and 29<sup>th</sup> April 2012.</li> <li>➤ Presented a Paper on, “Stress Analysis of 4-S S.I. Engine Cylinder and head assembly using Auto-frettagage “, in <b>International Conference</b> on Current trends and challenges in Management, Engineering, Computer Application and Technology at Devgiri College Campus, Aurangabad on 23<sup>rd</sup>, 24<sup>th</sup> and 25<sup>th</sup> March 2012.</li> </ul> <p><b>TRAINING PROGRAMS ATTENDED (QIP / CEP / STTP / FDP/WORKSHOPS/ SEMINARS):</b></p> <ul style="list-style-type: none"> <li>➤ One week STTP on “Mechanical Vibration Problems- Modelling, Simulation, Experiments and Case Studies”, organized by The National Institute of Engineering Mysuru from 13th to 17th September 2021.</li> <li>➤ Completed the 42 hrs course on “Artificial Intelligence Foundation”, conducted by NASSCOM on 5th September 2021.</li> <li>➤ One week FDP on “Inculcating Universal Human Values in Technical Education”, organized by AICTE, Delhi from 7th to 11th June 2021.</li> <li>➤ One week STTP on, “Optimization Techniques with Engineering Applications through ICT”, at NBNSCOE, Solapur from 10th Dec 2018 to 14th Dec 2018.</li> <li>➤ Two days FDP on, ”Student Centered Teaching Learning Practices”, at NBNSCOE, Solapur on 26th and 27th Nov 2017.</li> <li>➤ Two week workshop on “Engineering Mechanics”, by IITB, at NKOCET, solapur from 26th Nov to 6th December, 2013.</li> <li>➤ Two week workshop on, “Engineering Thermodynamics”, by</li> </ul>
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	<p>IITB, at NKOCET, solapur from 11th to 21st December, 2012.</p> <ul style="list-style-type: none"> <li>➤ Two week workshop on, “Introduction of Research Methodology”, by IITB, at NKOCET, solapur from 25th jun to 4th July 2012.</li> <li>➤ Two days workshop, designed by Wipro India Ltd., on “Advance Mission 10X”, organized at WIT, Solapur from 14th and 15th May 2012.</li> <li>➤ One week workshop on, “Mission 10X “, organized by WIT, Solapur from 5th to 9th Dec 2011.</li> <li>➤ One week workshop on “Research Methodology”, organized by ADCET, Ashta from 25th April to 29th April 2011.</li> <li>➤ One week workshop on “Turbo Machinery”, organised by SIET Lonawala, from 23rd Nov to 27th Nov. 2010</li> <li>➤ “Train The Trainer Program”, on SOLID EDGE V-18, organized by V.T.U. Belgaum at V.T.U. Belgaum on 19th to 21st June, 2006.</li> <li>➤ “Trainer’s Training Programm”, on Entrepreneurship Development, organized by Visveswaraiha Technological University (V.T.U.), Belgaum at Vemana Institute of Technology, Bangalore on 15th to 17th April 2005.</li> </ul>
Major Portfolios handled at College/ Department / University level	<ul style="list-style-type: none"> <li>➤ Departmental Data Collection Co-Ordinator</li> <li>➤ Departmental Problem Based Learning Co-Ordinator</li> <li>➤ Minutes of Meeting Co-Ordinator</li> <li>➤ National Service Scheme (NSS) Co-Ordinator</li> <li>➤ Team member in Distance Ready Engineer Program</li> <li>➤ Internal Senior supervisor</li> <li>➤ Industry-Institute Co-Ordinator</li> <li>➤ In-charge of Department Library</li> <li>➤ Department Subjects data on FTP server</li> <li>➤ Class coordinator</li> </ul>

Association with Professional bodies	<ul style="list-style-type: none"> <li>➤ Associate Member of “The Institution of Engineer (India)” – AM159876-5</li> <li>➤ Member of “International Association of Engineers” - Member Number: 219968</li> <li>➤ Lifetime Membership of “Indian Society for Technical Education” – LM82151</li> </ul>
Research and Publications (if any)	<ul style="list-style-type: none"> <li>➤ “Production and characterization of titanium based metal matrix composites: a review”, International Journal of Mines, Metals and Fuels, Vol. 69, No 12A, Page N0 195-198, December 2021, ISSN 0022-2755.</li> <li>➤ “To study behavior of Materials using conventional quenching and nano-quenching”, in International journal of engineering and management research, Vol 6, Issue 4, ISSN 2250-758.</li> <li>➤ “Performance evaluation of synthetic jet cooling for CPU”, in International Research Journal of Engineering and Technology, Vol 3, Issue 1, ISSN: 2395-0056.</li> <li>➤ Cooling techniques for photovoltaic module for improving its conversion efficiency: a review”, International Journal of Mechanical Engineering and Technology (IJMET), Volume 7, Issue 4, July–Aug 2016, pp.22–28</li> <li>➤ “Stress Analysis of 4-S S.I. Engine Cylinder and head assembly using Auto-frettagage “,</li> <li>➤ in International journal of Advances in Management, Tech. and Engineering sciences, ISSN:2249-7455.</li> <li>➤ “Flywheel as an UPS “in International journal of Advances in Mgmt, Tech and Engg. Sciences, ISSN: 2249-7455.</li> </ul>
	<ul style="list-style-type: none"> <li>➤ UGC approved Teacher of Solapur University, Solapur for undergraduate Mechanical Engineering program. (2010-2017)</li> </ul>

Awards and Recognitions (if any)	<ul style="list-style-type: none"> <li>➤ Recognized Postgraduate Teacher of Solapur University, Solapur for M.E. (Mechanical) Course.</li> <li>➤ Best Teacher Award in Mechanical Engineering Department of NKOCET, Solapur in Year 2015.</li> </ul>
Achievements (if any)	Nil
Link to personal website/Blog(If any)	<a href="https://www.youtube.com/channel/UCCbR9yo5zZiNIjWQ5CWJ3TQ">https://www.youtube.com/channel/UCCbR9yo5zZiNIjWQ5CWJ3TQ</a>
Research Project Grants (If any)	Nil
Any Other Information	Nil