

	<p>Dr. Nitinchand Ramkrishna Patil</p> <p>Designation: Associate Professor &amp; Dean-Academics</p> <p>Qualification: BE, ME, Ph.D</p> <p>Email-id: nitinpatil@orchidengg.ac.in</p> <p>Mobile No.:8275938799</p> <p>Age:50 years</p> <p>Total Experience:26 years</p> <p>Teaching experience:25</p> <p>Date of Joining this Institution (NKOCET):17/8/2009</p> <p>Area of Interests: Machine Design &amp; Polymer Composites</p>
<p>Education</p>	<p>Doctoral Research: PhD from NIT Karnataka, Surathkal in 2019</p> <p>Masters: M.Tech from PVPIT, Budhgaon in 2008</p> <p>Bachelors: B.E. from WIT, Solapur in 1998</p>
<p>Subject Taught</p>	<ol style="list-style-type: none"> <li>1) TOM-I</li> <li>2) MD-I</li> <li>3) MD-II</li> <li>4) Machine Drawing</li> <li>5) Engineering Graphics</li> <li>6) Experimental Stress Analysis</li> <li>7) Manufacturing Process</li> <li>8) Basic Mechanical Engineering</li> <li>9) Energy &amp; Environmental Engg.</li> <li>10) Automobile Engineering</li> <li>11)</li> </ol>
<p>Project Guided</p>	<p>PhD:01</p> <p>Masters:00</p> <p>Bachelors:25</p>

<p>Conferences / STTP /FDP/ Workshops</p>	<p><b>Training program Attended:</b></p> <ol style="list-style-type: none"> <li>1. TTTI training arranged by S.P.M.Polytechnic, Kumathe, Solapur.</li> <li>2. One week GDS-II training program at Sou. Venutai Chavan Polytechnic, Sinhgad, Pune.</li> <li>3. Two Week GDS-II training program at Apex Institute of Management, Pune.</li> <li>4. One month Training at Kirloskar Oil Engines Ltd., Solapur.</li> <li>5. One week STTP on Vibration &amp; Noise Control at COE, Pandharpur.</li> <li>6. Two week ISTE WORKSHOP on Introduction to Research Methodologies by IITB at NKOCET.</li> <li>7. Two week ISTE STTP on Pedagogy for Effective use of ICT in Engineering Education by IITB at NKOCET.</li> <li>8. One week FDP on NBA Accreditation mapping of PEOs. POs and COs by NITTTR, Bhopal at Bhopal.</li> <li>9. One week FDP on FEM for Engineering Applications by SVNIT, Surat</li> <li>10. One week STTP on Research Methodology in Engineering and Applied Science by ADCET, Ashta.</li> <li>11. One week AICTE-ISTE on Outcome Based Education by VVPIT, Solapur</li> <li>12. One week FDP on PDE by DBATU at NKOCET</li> <li>13. One week STTP on Rural Development through Technical Institution by NITTTR, Kolkata at NKOCET</li> <li>14. One week FDP by NPTEL on NBA</li> <li>15. One week FRD by NPTEL on NATE</li> <li>16. One week FDP on Implementation of Advanced Optimization Techniques using MATLAB by RIT.</li> <li>17. One week Faculty Development Programme (FDP) on “Industrial IoTs, Industry 4.0 &amp; Disruptive Technologies” by DBATU</li> <li>18. One week FDP on Design And Development Of Electric And Hybrid Electric Vehicle Technology by ARAI</li> </ol>
<p>Major Portfolios handled at College/ Department / University level</p>	<p><b>Major Portfolios handled at College/ Department /University level</b></p> <ol style="list-style-type: none"> <li>1. Currently working as Dean-Academics</li> <li>2. Recognized Ph.D guide at DBATU</li> <li>3. Recognized PG guide at DBATU</li> </ol>

	<ol style="list-style-type: none"> <li>4. Working as DSE admission officer from 2010 to till date</li> <li>5. Worked as Chief Rector for 5 years</li> <li>6. Working as NBA coordinator from 2010 to till 2023</li> <li>7. Working as NAAC coordinator from 2010 to till date</li> <li>8. Worked as Cultural coordinator of the institute (NKOCET &amp; BIGCE)</li> <li>9. Worked as NIRF coordinator</li> <li>10. Working as Proctor coordinator of Mechanical Engg Dept</li> <li>11. Worked as Senior Supervisor of the institute (NKOCET) and other institutes (WIT, NBN, AGPIT &amp; BIGCE) for 9 times</li> <li>12. Worked as Class coordinator</li> <li>13. Worked as Parent Teacher coordinator of Mechanical Engg Dept</li> <li>14. Working as head of Machine Design Faculty group at department</li> <li>15. Worked as Workshop Supdt. at SPM Polytechnic Kumathe, BIGCE &amp; NKOCET</li> <li>16. Worked as Academic coordinator at SPM Polytechnic Kumathe for 6 years</li> <li>17. Handling HOD charge in the absence of HOD from 2014.</li> </ol>
Association with Professional bodies	<ol style="list-style-type: none"> <li>1. Life Member of Institution Of Engineers India</li> <li>2. Life Member of Indian Society for Technical Education</li> <li>3. SAE</li> </ol>
Research and Publications (if any)	<p><b>List of Publications</b> Papers published</p> <ol style="list-style-type: none"> <li>1. N R Patil et al. (2014) "Static analysis of Go-Kart Chassis frame by Analytical and SolidWorks Simulation", International Journal of Scientific Engineering and Technology, Volume No.3 Issue No.5, pp : 661-663</li> <li>2. N.R. Patil et al. (2014) "Tribological Study Of Particulated Filled Epoxy Composite", International Journal of Scientific Engineering and Technology, Volume No.3 Issue No.5, pp : 666-667</li> </ol>

3. Nitinchand Patil and Prasad Krishna (2015) "Effect of Graphite and Bronze on Strength of Chopped E-Glass Fiber Reinforced Epoxy Composites", American Journal of Materials Science, 5(3C): 121-125.
4. N. Patil and K. Prasad (2016) "Characterization Of Short E-Glass Fiber Reinforced Graphite and Bronze Filled Epoxy Matrix Composites", Iranian Journal of Materials Science and Engineering, Vol 13, Number 1, pp. 28-36. (SCOPUS)
5. Nitinchand Patil and Krishna Prasad (2017) "Effect of CuSn Filler on Tribological Performance of Glass Fiber-Epoxy Composite", International Journal of Mechanical Engineering and Technology, Volume 8, Issue 7, pp. 367-378.(SCOPUS)
6. Nitinchand Patil and Krishna Prasad (2018) "Study of Wear Mechanism of Chopped Fiber Reinforced Epoxy Composite Filled with Graphite and Bronze" at International Conference on Design, Materials & Manufacture (IcDeM 2018, at NITK, Surathkal (Citation: AIP Conference Proceedings 1943, 020112 (2018); doi: 10.1063/1.5029688) .(SCOPUS)
7. Nitinchand Patil and Krishna Prasad (2020) "Study of elastic and frictional behaviour of fiber reinforced polymer (epoxy) matrix composite" (AIP Conference Proceedings **2247**, 040003 (2020); <https://doi.org/10.1063/5.0004068>) .(SCOPUS)
8. Nitinchand Patil and Prasad Krishna (2021) "Friction and Wear study of Graphite and Bronze filled Epoxy Matrix Composites", Materials today proceedings. (SCOPUS)
9. Dr. Nitinchand. R. Patil, Mr. Pavan G. Palli, Mr. Girish A. Jangam (2022), "Design and Development of Filter Less Air Purifier and Humidifier", International Research Journal Of Engineering and Technology (IRJET); e-ISSN: 2395-0056. Volume: 09 Issue: 07 | July 2022. (SCOPUS)

#### **Poster presentation**

1. "Prediction of mechanical properties of chopped E-Glass fiber reinforced epoxy composites" at COPEN-9 National conference, IIT, Bombay.

Awards and Recognitions (if any)	<ol style="list-style-type: none"> <li>1. Approved <b>PG &amp; PhD guide</b> of DBATU, Lonare, Raigad</li> <li>2. Received „<b>Award of Excellence 2015-16</b>“ on 5th September 2016 on the occasion of Teachers Day for “<b>Best faculty Member of the Institute</b>” for AY 2015-16”</li> <li>3. Received „<b>Award of Excellence 2019-20</b>“ on 5th September 2020 on the occasion of Teachers Day for “<b>Best faculty Member of the Institute</b>” for AY 2019-20”</li> </ol>
Achievements (if any)	<ol style="list-style-type: none"> <li>1. Developed working model of Ankle motion device for the orthopedic doctors</li> <li>2. Developed Pulverizer for Plastic industry located in MIDC Solapur</li> </ol>
Link to personal website/Blog(If any)	
Research Project Grants (If any)	<ol style="list-style-type: none"> <li>1. Received Rs.12000 research grant to complete the sponsored project, Design of DVT by Dr. Bhagwat, orthopedic surgeon, Solapur</li> <li>2. Received Rs.15000 research grant to complete the sponsored project Design of Pulveriser by Vijay Pipes, MIDC, Solapur</li> <li>3. Working on “Design &amp; development of a system to arrest nylon particles” at GRP industry, Chincholi MIDC, Solapur.</li> </ol>
Any Other Information	