

## ACADEMIC PROFILE

<b>Name</b>	Dr. Vishnu Narayan Palaskar	
<b>Date of Birth</b>	25 <sup>th</sup> December 1971	
<b>Date of Joining</b>	4 <sup>th</sup> November 1999	
<b>Designation at the time of Joining</b>	Lecturer	
<b>Current designation</b>	Lecturer (Selection Grade)	
<b>Personal Homepage</b>		
<b>Phone (Office)</b>	022-24198228	
<b>Mobile</b>	09869228875	
<b>Email</b>	<a href="mailto:vnpalskar@me.vjti.ac.in">vnpalskar@me.vjti.ac.in</a>	
<b>Academic Qualifications</b>		
<ul style="list-style-type: none"><li>• Doctor of Philosophy (Mechanical Engineering), Institute of Chemical Technology (Deemed University), Mumbai (June 2011-May 2015).</li><li>• Master of Engineering (Mechanical Engineering), Veermata Jijabai Technological Institute (Mumbai University), Mumbai (July 1997-July 1999)</li><li>• Bachelor of Engineering (Mechanical Engineering), Amravati university (July 1991-July 1994)</li></ul>		
<b>Career History</b>		
<b>Teaching Experience</b>		
<ul style="list-style-type: none"><li>• Working as Lecturer (Selection Grade), Department of Mechanical Engineering, V.J.T.I. Mumbai since Nov 1999.</li><li>• Worked as Lecturer, Dept. of Mech. Engg., L. T. C. O. E., Navi-Mumbai from July 1999 to Nov 1999.</li><li>• Worked as Lecturer, Dept. of Mech. Engg., S. S. V. P. S. C. O.E., Dhule from January 1995 to January 1999.</li></ul>		
<b>Administrative experience and additional Information</b>		
<ul style="list-style-type: none"><li>• Worked as Registrar from September 2016 to February 2018.</li><li>• Worked as Dean (Diploma Programs) from June 2018 to December 2020.</li></ul>		

- Worked as controller of examinations (COE) from September 2015 to July 2016.
- Worked as admission In charge for I<sup>st</sup> year and direct II<sup>nd</sup> year Diploma admissions for academic 2015-16.
- Worked as overall In charge for Diploma Convocation-2015.
- Worked as Senior Supervisor for Diploma examinations for May-2010, Nov-2010, Nov-2014 & May-2015.
- Assisted Institute inviting Hon Shri Prithviraj Chavan (Former Chief Minister, Government of Maharashtra) & Hon Shri Rajesh Tope (Former Minister Higher & Technical Education, Government of Maharashtra) for Diploma convocation-2012. Hon Shri Prithviraj Chavan have donated 50 cores for construction of PG hostel, Faculty tower and Lecture hall complex out of that 8 core have been disbursed as on today.
- Worked as overall in charge to invite chief guests for various programs such as former Dy. Chief Minister Shri. Chhagan Bhujbal, former Ministers Shri. Rajesh Tope, Shri. Ganesh Naik and Shri. D. P. Sawant during year the academic years 2009-10, 2010-11 and 2011-2012 respectively.
- Worked as committee member for PG, UG, and Diploma admissions for more than 8 years.
- Worked as admission in charge and overall coordinator for Post Diploma in Robotics and automation more than 4 years.
- Worked as scrutiny officer at MPSC Mumbai for two months.
- Worked as Scrutiny officer for different awards at Central Labour Institute (CLI) Mumbai given by Labour Ministry, Government of India for 7 years.
- Assisted to Director V.J.T.I. Mumbai for signing of MOU's with Institute of Chemical Technology (ICT) Mumbai and Central Labour Institute (CLI) Mumbai.

#### **Areas of Academic Interest**

- Engineering Graphics
- Machine Drawing
- Alternate Energy systems
- Power plant Engineering
- Solar Energy
- Renewable Energy,
- Hybrid Photovoltaic/Thermal Solar Water/Air System etc.

#### **Membership in Academic Bodies / Board of Studies / Editorial Board (Journals)**

- Institute Academic & Examination Committee (IAEC) for Diploma Programs
- Industrial Training Coordinator for Mechanical Engineering Department

#### **Major Academic Publications**

- V. N. Palaskar, S. P. Deshmukh, "Design configurations of Hybrid solar Photovoltaic/Thermal

collector technology a review”, Proceeding of Indian National Science Academy (INSA), volume-78, Issue-4, December 2012 pp: 725-734.

- V. N. Palaskar, S. P. Deshmukh, “A Critical Review on Enhancement in System Performance of a Hybrid Solar Flat Plate PV/T Collector System”, International Journal of Energy Science (IJES) Volume 3 Issue 6, December 2013, pp: 395-403.DOI: 10.14355/ijes.2013.0306.03.
- V. N. Palaskar, S. P. Deshmukh, A.B. Pandit, S.V. Panse, “Performance analysis of an Oscillatory flow design heat exchanger used in solar hybrid water system”, International Journal of Mechanical Engineering and Technology (IJMET) Volume 4, Issue 6, November - December (2013), pp: 91-99.
- V. N. Palaskar, S. P. Deshmukh, A.B. Pandit, “Heat transfer analysis and waste heat recovery of specially designed heat exchanger used in hybrid solar system”, International Journal of Renewable Energy Research (IJRER), Volume 4, No 1, March (2014) , pp:122-127.
- V. N. Palaskar, S. P. Deshmukh, “Design and Performance Analysis of Reflectors attached to Commercial PV Module”,International Journal of Renewable Energy Research (IJRER) Volume 4, No 1, March (2014) , pp: 240-245.
- V. N. Palaskar, S. P. Deshmukh, “Investigational Analysis of Two Specially Designed Heat Exchangers used in Hybrid Solar Water System”, International Journal of Energy Science (IJES) Volume 4 Issue 6, December 2014, pp:155-163.DOI: 10.14355/ijes.2014.0406.01.
- V. N. Palaskar ,S.P. Deshmukh, “Study of oscillatory flow heat exchanger used in hybrid solar system fitted with fixed reflectors“, International Journal of Renewable Energy Research (IJRER), Volume 4, No 4, December 2014 , pp:893-900.
- V. N. Palaskar ,S.P. Deshmukh, “Performance Analysis of a Specially Designed Flow Heat Exchanger Used in Hybrid Photovoltaic/Thermal Solar System”, International Journal of Renewable Energy Research (IJRER), Volume 5 , No 2 , June 2015 , pp: 476-482.
- V. N. Palaskar ,S.P. Deshmukh, “Waste Heat Recovery Study of Spiral Flow Heat Exchanger used in Hybrid Solar System with Reflectors”, International Journal of Energy Science (IJES), Vol. 5 No 1, August 2015, pp: 6-16.
- V. N. Palaskar ,S.P. Deshmukh, “Performance studies of heat exchangers used in hybrid solar system fitted with reflectors “, British Journal of Renewable Energy (BJRE), Volume 1 , Issue 1, December 2015, pp : 9-15.
- V. N. Palaskar ,S.P. Deshmukh, “Experimental Study on Hybrid Solar System Fitted with Special Heat Exchanger and Flat Reflectors”, International Journal of Energy Technology and Policy (IJETP) journal volume13, Issue 1/2, Year 2017. PP:19-35. DOI: 10.1504/IJETP.2017.10000608.

**Paper Presentations in National / International Journals (In last 5 years)**

Nil

**Paper Presentations in National / International Conferences / Seminars (In last 5 years)**

- V. N. Palaskar, S. P. Deshmukh, “An experimental investigation of specially designed PV absorber Surface design on performance of hybrid solar system”, IV<sup>th</sup> International Conference on Advances in Energy Research (ICAER) organized by Indian Institute of

<p>Technology, Mumbai during the period of 10-12 December-2013.</p> <ul style="list-style-type: none"> <li>• V. N. Palaskar, S. P. Deshmukh, “Experimental study of especially designed heat exchanger fitted with flat reflectors used in hybrid solar water system”, International Conference on Energy, Environment, Materials and Safety (ICEEMS’14) organized by School of Engineering, Cochin University of Science and Technology (CUSAT) Kochi during the period of 10-12 December-2014.</li> </ul>
<p><b>Attendance in Conferences / Seminars / Workshops (In last 5 years)</b></p>
<p>Nil</p>
<p><b>Participation in Professional Development Programmes (In last 5 years)</b></p>
<p>Nil</p>
<p><b>Guidance / Supervision of Diploma, M.Tech &amp; Ph.D. Dissertations</b></p>
<ul style="list-style-type: none"> <li>• Diploma/Post Diploma level: Completed-190, Ongoing-12</li> <li>• BE / B Tech Level: Completed-16, Ongoing-0</li> <li>• ME/ M Tech Level: Completed-13, Ongoing-0</li> <li>• Ph.D.(Tech): Completed-0, Ongoing-0</li> </ul>
<p><b>Research Projects Undertaken</b></p>
<p>Nil</p>
<p><b>Revenue generation (Consultancy/Testing assignments Undertaken) (In last 5 years)</b></p>
<p>Nil</p>
<p><b>Organization of Academic Conferences / Workshops / Designing Courses (In last 5 years)</b></p>
<ul style="list-style-type: none"> <li>• Designed detail syllabus of Machine Drawing &amp; Computer Aided Production Drawing of Second year Diploma in Mechanical Engineering as per revision -2023.</li> </ul>
<p><b>Invited Lectures / Chairing / Resource Person / Keynote Address (In last 5 years)</b></p>
<p>Nil</p>