

## **Pallavi Chhaganrao Chaudhari**

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**Objective:** Seeking a challenging and rewarding career in organisation as Lecturer, where I can contribute my knowledge and skills for growth and development of the organization

### **Work Experience:**

**Work Experience: 7 Years**

- Asst. Professor: Sandip foundation's Sandip Polytechnic College, Nashik [2+Years]
- Asst. Professor: Rajarambapu Institute of Technology Polytechnic College, Pune [3.5 Years]
- Asst. Professor: G. H. Raisoni Institute of Engineering and Management, Jalgaon.[1.6 year]
- Asst. Professor: Guru Gobind Singh College of Engg. & Research centre in Nashik. [2Months]

### **Skill Set:**

#### **a) Technical Skills:**

- Good knowledge of Thermal, Refrigeration and air conditioning.
- Handling CAD software – AUTO-CAD, PRO-E, Catia, SAP MM.
- SAP: ERP SAP R/3, ECC 6.0 EHP7, SAP Material Management

#### **b) Interpersonal Skills:**

- Analytical and Research abilities.
- Problem solving approach.
- A good team member.

### **Extra self-development Activity**

- NITTTR: AUTOCAD, Classroom teaching and ethics.
- Successfully completed Online NPTEL Course in Heat Exchanger conducted by IIT Kharagpur.
- Successfully completed Online NPTEL Course in IC Engine and Gas turbine conducted by IIT Bangalore.
- UdeMy course in SAP Material Management consultant Training.
- Completed the UdeMy course in Computational Fluid Dynamic.

### **Extra-Curricular Activities:**

- Presented seminar on, "To improve performance of refrigeration system by using Parallel compression and CO<sub>2</sub> Refrigerant" in National Level Technical Research

- Paper Competition held in GHRIEM, Jalgaon.
- Coordinator in “MAD FOR CAD” competition in Mechenzza event of SSBT’S COET Jalgaon.
  - Presented seminar on, “Advance Manufacturing Technology”, Milestone2K12, National Level Technical Reasearch Paper Compitition held in SSBT’s COET, Jalgaon.

### **International Paper Publication:**

- **Paper Title:** “Review on Experimental and CFD analysis of jet impingement cooling on Diffrent Material and structures”  
**Publication:**International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 6 Issue 05, May – 2017.  
**Author:**by Pallavi C. Chaudhari, Ashish N. Sarode.
- **Paper Title:**“Experimental and CFD analysis of jet impingement cooling on copper Circular Plate”.  
**Publication:**World Journal of Engineering Research and Technology, Vol. 3, Issue5, 256-267.  
**Author:**Pallavi C. Chaudhari, Ashish N. Sarode, Rajesh V. Dahibhate.
- **Paper Title:**“Performance analysis of jet impingement cooling on copper Square Plate”  
**Publication:**International Journal of Creative Research Thoughts, Vol-5 Issue12December – 2017  
**Author:**Pallavi C. Chaudhari, Ashish N. Sarode.

### **Project Profile:**

- **M.E Project:** Experimental and CFD analysis on jet Impingement cooling of a different Structures.  
**Description:**The aim of this project is to enhance the heat transfer rate by using jet impingement. In this project varying some important parameters like ratio of jet diameter to target spacing and velocity of jet. Observing this parameter we find out the enhance heat transfer rate.
- **B.E Project:** To Fabrication and Development of Pneumatic air powered engine test rig.  
**Description:**The aim of our project is to design and fabricate a pneumatically operated engine. With this device number of operations are performed. In this project compressed air is used for driving two strokes Engine. Brake dynamometer is attached to the engine for measuring power. After testing our engine. we got some positive results when we measured rpm by varying the pressure.

**Academic Details:**

<b>Educational Qualification</b>	<b>Month &amp; Year of Passing</b>	<b>Semester %</b>	<b>Name of Institute</b>	<b>University / Board</b>
<b>M.E (Thermal Engineering)</b>	2016-2017	<b>70%</b>	G. H. Raison Institute of Engineering and Management, Jalgaon	North Maharashtra University
<b>B.E. (Mechanical Engineering)</b>	2013-2014	<b>67%</b>	SSBT'S COET Bambhori, Jalgaon	North Maharashtra University
<b>H.S.S.C. (12th)</b>	2007-2008	<b>61%</b>	J.R City Science college, Dhule	Nasik
<b>S.S.C. (10th)</b>	2005-2006	<b>68%</b>	Agrasen Maharaja High School, Dhule	Nasik

**Training and Internship:**

- Workshop Training on "CENTRAL RAILWAY" Bhusawal during May 2010.
- Participated in Robo-Race competition in NDMVP COE Nashik.
- Attended workshop of "Intellectual Property Rights.
- Completed **SAP MM** training course.

**Portfolio Handled:**

- Working as a Magazine co-ordinator in "Triggering Technos and Campus Buzz".
- Working in a Result analysis folder.
- Class Teacher ship, Examination co-ordinator, Controller.
- Co-ordinator in Technical event "TECHKRUNCH 2K15" and "PAROKSHA 2K16".
- Co-ordinator in Job fair, Hubby club,

**Personal Details:**

Date of Birth : 2<sup>nd</sup> September 1990

Languages Known: English, Marathi, and Hindi.

Qualifications : M.E (Thermal Engineering), B.E (Mechanical Engineering)

Place:

**Chaudhari Pallavi Chhaganrao.**

Date: