

## Curriculum Vitae

**Manojkumar Udgire (Phd)**

**BE: MECHANICAL ENGINEERING**

**M.TECH: THERMAL POWER ENGINEERING**

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### Professional Experiences

1. Working as **Asst. Professor** in the Department of Mechanical Engineering of Alamuri Ratnamala institute of Engineering and Technology, India from Dec 2020 to till now.
2. Worked as **Asst. Professor** in the Department of Mechanical Engineering of Hyderabad Institute of Technology and Management, Hyderabad, Telangana, India from jan 2018 to Nov 2020.
3. Worked as **Asst. professor** in the Department of Mechanical Engineering of SGOI,COE Belhe,Pune, India from July 2015 to Jan 2018.

### Award

1. Received **YOUNG ACHIVER AWARD** – “INSC” in the year of 2020.

### Professional Membership:

2. Name of the society – “**IAENG**” in the year of 2016 with membership no180700

### Academic Qualifications:

#### **a) PhD:**

**Pre- PhD Completed** i.e. Course work has been done, and I am now working on Research work

Specialization : Thermal

University : NMIMS Mumbai.

#### **b) Master degree:**

Specialization : **Master of Technology** (*Thermal Power Engineering*).

Over All Aggregate : First class with distinction (75%)

Year of completion : 2015

Institution : Visvesvaraya Technological University, PG Centre, RO, Gulbarga.

University : Visvesvaraya Technological University (VTU), Belgaum.

### **Subjects Taught: (UG & PG)**

1. Heat Transfer.
2. Turbo machines.
3. Refrigeration and air conditioning.
4. Power plant Engineering.
5. Renewable Energy Sources.
6. Energy Efficiency in Thermal System.
7. Energy Audit & Management.
8. Finite Element Analysis.

### **Published Papers In Reputed Journals:**

1. **Manojkumar Udgire**, “Experimental investigation of direct evaporative cooler with sisal,hemp and abaca cooling pad material ”. **springer** , **ISBN 978-981-15-7556-3**, Accepted and Published on: 31 October2020.
2. **Manojkumar Udgire**, Jagadish H, “CFD analysis of Hydro-dynamic lubrication journal bearing Using Castor Oil”, **springer** , **ISBN 978-981-15-1124-0**,Accepted and Published on: 12-JAN-2020
3. **Manojkumar Udgire**, V.M. Kulkarni, “Computational fluid flow analysis of Elasto hydro-dynamic lubrication journal bearing”, **Integrated Research advance 2016**, 3(2), 47-52 Received on: 02-Dec- 2015; Accepted and Published on: 26-Feb-2016. (**Free journal** )
4. **Manojkumar**,Shamburaje,Rameshwar “CFD analysis of Elastohydro-dynamic lubrication journalbearing using castor oil and bronze material”, International Journal of Advanced Research and Innovative Ideas in Education, Volume 1, Issue 1, 2015.
5. **Manojkumar**,Rameshwar “Analysis of Elastohydro-dynamic lubrication of circular journal bearing”, International Journal of Advanced Research and Innovative Ideas in Education, Volume 1, Issue 2, 2016.
6. **Manojkumar**,Morrish Kumar, Jagadish.H “Experimental Investigation of Performance Characteristics on a Single Cylinder C.I Engine Fueled with Simarouba glauca as BioDiesel ”, **IJERMCE** Volume 3, Issue 2, 2018, ISSN (Online) 2456-1290.
7. **Manojkumar**, “Automatic Guided Vehicle”, **IJERD** Volume 6, Issue 3, 2021,
8. **Manojkumar**, “Automatic Pill Dispensing Machine”, **IJERD** Volume 6, Issue 3, 2021,
9. **Manojkumar**, “AIR To Water Convertor”, **IJERD** Volume 6, Issue 3, 2021,

### **workshop:**

1. Attended five days' workshop at **IIT Dharwad** on **Computational FluidDynamics: Traditional Finite- Volume Technique.**
2. Attended Two week' workshop at **JNTU HYD** on **Advance in ThermalEngineering:**
3. Attended two days national workshop at **HITAM** on **3D printing and scanning.**
4. Attended One week STTP at **GHIBM Jalagaon** on **ANSYS.**
5. Attended One week' AICTE-ISTE approved Orientation/Refresher Program on **KIT Karnataka** on **ThermalEngineering.**

### **Conference:**

1. Attended "2<sup>nd</sup> International Conference on Emerging Trends in Engineering, Science and Technologies" (**ICETEST-18**) at **BITS Warangal, Telangana.**
2. Attended "2<sup>nd</sup> International conference on innovation in Mechanical Engineering" (**ICIME- 2019**) at **GNIT Hyderabad, Telangana.**
3. Attended "3<sup>rd</sup> International conference on innovation in Mechanical Engineering" (**ICIME- 2020**) at **GNIT Hyderabad, Telangana.**
4. Attended "4<sup>th</sup> International conference on innovation in Mechanical Engineering" (**ICIME- 2021**) at **GNIT Hyderabad, Telangana.**

### **Extra Activity:**

- Worked as **R and D coordinator at ARMIET.**
- Worked as **NAAC coordinator AND NAAC Criteria 3 Head at ARMIET.**
- Worked as **Exam coordinator at HITAM, SGOI COE Belhe pune.**
- Worked as **sports in charger HITAM, SGOI COE Belhe pune.**
- Worked as **Lab in charge at ARMIET, HITAM, SGOI COE Belhe pune.**
- Actively worked in "RTST" sponsored by SPPU-Pune.
- Attended one day "**FDP**" Program. at SGOI COE Belhe pune.

### **Copy Right:**

- **Published TWO Copyright at ARMIET.**
1. Atmospheric Water Generator in 2021
  2. Automatic Pill Dispensing Machine in 2021

**Personal Profile:**

Father Name : Naganath Udgire

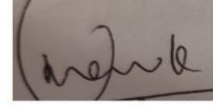
Mother Name : Renuka

Nationality : Indian

Languages : Kannada, Hindi, English, Telugu,

Address : #65, dongaon (m) Tal-Aurad Dist- Bidar Pin code -585417

I consider myself familiar with MECHANICAL ENGINEERING ASPECTS. I hereby declare that the particulars mentioned above are true to the best of my knowledge and belief.



**MANOJKUMAR UDGIRE**