

Dr. PRADNYA PRAKASH MOREEmail Id - more.pradnya@kbtcoe.org**Contact -0253-2571439-226.****Experience -** Teaching 8.5 Years
Industry 3 Years**Date of Joining the Institution - 17/01/2025****Area of Research -** Thermal Engineering**OBJECTIVE**

- **Ph D in Mechanical Engineering (Thermal) with 5 years of work experience as Assistant Professor in Mechanical Engineering Department.**
- Masters of Technology in Mechanical (Heat & Power) with 4 years of work experience as Assistant Professor in Mechanical Engineering Department.
- Seeking an exciting career in the **Mechanical Industry** with opportunities for career growth and to keep up with the cutting edge of the technologies.
- By using my new realm of knowledge & my strong passion for self-development, together with skills and experience that will enable me to make significant changes in our company at national & international level.

PROFESSIONAL SUMMARY

- Presently, working in MVPS's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering , Nashik asan Assistant Professor in Mechanical Engineering Department.
- Ph D in Mechanical Engineering (Thermal) from JJTU, Rajasthan
- M. Tech in Mechanical (Heat and Power) from Vishwakarma Institute of Technology (VIT), Pune.
- B.E. in Mechanical Engineering from JSPM's Jayawantrao Sawant College of Engineering, Pune.

ACADEMIC PROFILE

Degree	Specialization	University	Year	%	Class
PhD (Mech) Pursuing	JJT University, Rajasthan.	Rajasthan	2021	-	Completed
M.Tech (Mech)	Vishwakarma Institute of Technology (VIT), Pune.	Pune	2017	72%	Distinction
B.E (Mech)	JSPM's Jayawanto Sawant College of Engineering, Pune	Pune	2014	64%	First class

HSC (Science)	M.G.college Chopda, Jalgaon.	Maharashtra	2009	79 %	Distinction
SSC	Vivekanand Vidyalaya, Chopada, Jalgaon.	Maharashtra	2007	83.5 %	Distinction

SKILL SET

- **Microsoft Excel ,Analysis Software:** Ansys Workbench, CFD,
- **2D and 3D Modeling Software:** Auto Cad, CATIA and Pro-E, Solid Modelling.

AREA OF INTEREST

- Thermal Engineering I. C. Engine, Non-renewable Energy,, Applied Thermodynamics , Fluid Mechanics.

WORK EXPERIENCE

Total Teaching Experience – 8.5 Years

Organization : MVPS's RSM Polytechnic , Nashik

Designation: **Lecturer in Mechanical Engineering Department**

Duration: From 2nd July 2021 (4 Years)

Report to : HOD (Head of Dept)

Subject Taught For Graduate Level: Mechanical Engineering Measurements , Power Engineering , Industrial Engineering and Quality Control , Graphics

Roles and Responsibilities:

1. Unit Test Coordinator, Second Year coordinator .
2. Faces the NAAC committee . and handled the Criteria 2 Files
3. To teach courses in the discipline area of mechanical engineering
4. Collaborate and support colleagues regarding research interests and co-curricular activities.

Provide tutoring and academic counseling to students, maintains classes related records, and assesses student coursework

Organization :Dr. D. Y. Patil Institute of Engineering Management and Research, Aurdi, Pune, Maharashtra

Designation: **Assistant Professor in Mechanical Engineering Department**

Duration: From 6th May 2018 (2.5

Years)Report to : HOD (Head of Dept)

Subject Taught For Graduate Level: Energy Audit and Management, Applied Thermodynamics, Automobile Engineering.

Roles and Responsibilities:

5. Worked as News wire Coordinator , Unit Test Coordinator, Second Year coordinator .
6. Faces the NAAC committee . and handled the C Criteria Files
7. To teach courses in the discipline area of mechanical engineering
8. Collaborate and support colleagues regarding research interests and co-curricular activities.
9. Provide tutoring and academic counseling to students, maintains classes related records, and assesses student coursework.

Organization: JSPM's Bhivarabai Sawant Institute of Technology & Research, Pune, Maharashtra

Designation: **Assistant Professor in Mechanical Engineering Department**

Duration: From 15 December 2017

Report to : HOD (Head of Dept)

Organization: Shree Ramchandra College of Engineering ,Wagholi , Pune , Maharashtra Duration: 31 December 2016 (1 Year)

ACHIEVEMENTS

1. Published 2 Scopus Paper under PhD Work
2. 3 papers in good journal having high impact factor. Book writing is on progress
3. Presented and Published 3 Papers in national conferences and 2 International conferences
4. Participated in NSS Camp in Singapur near Saswad, Pune – 2013
5. Attend state level workshop on IC engine – 2016
6. Completed 2 NPTEL Courses .
7. Contribute in NAAC Accreditation Comity.

PhD PROJECT

Evaluation Of Heat Transfer Elements With Modeling Of Heat Exchangers For Industrial Wind Tunnel

Link : <https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8674088619.pdf>
: <https://www.ijitee.org/wp-content/uploads/papers/v9i4/D1899029420.pdf>

M. TECH PROJECT

CFD Simulation For Methane Optimization In Fixed Dome Shaped Digester At Different Slurry Temperatures, Number Of Baffle Plates And Digester Diameter.

Link: http://www.ijetae.com/files/Volume7Issue2/IJETAE_0217_08.pdf

PUBLICATIONS

1. International Journal of Engineering and Advanced Technology (IJEAT) (ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019)

.Topic :Development and Analysis of Heat Exchanger for Efficient Heat Transfer for L-Shape Wind Tunnel .

Link <https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8674088619.pdf>

2. International Journal of Innovative Technology and Exploring Engineering (IJITEE) (ISSN: 2278-3075, Volume-9 Issue-4, February 2020)

Topic : Heat Exchangers Modeling using Industrial Wind Tunnel Simulation for Automobile Industry

Link <http://www.ijitee.org/wp-content/uploads/papers/v9i4/D1899029420.pdf>

3. International Journal of Technical Innovation in Modern Engineering & Science(IJTIMES)(ISSN: 2455-2585, Volume 05 Issue 03, March-2019)

Topic :Alpha Review Of Correlated Heat Transfer And Aerodynamics For Optimum Collaborative Execution .

4. International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008

Certified Journal, Volume 7, Issue 2, February 2017)

Link: http://www.ijetae.com/files/Volume7Issue2/IJETAE_0217_08.pdf

Topic: CFD Simulation for Methane Optimization in Fixed Dome Shaped Digester at Different Slurry Temperature, with Baffle Plates and Without Baffle Plates.

5. National Conference on Design Manufacturing and Thermal Engineering (NCDMTE-17)

Organised by

JSPM's Bhivarabai Sawant Institute of Technology & Research ,Wagholi , Pune.

Topic: CFD Simulation For Methane Optimization In Fixed Dome Shaped Digester At Different Slurry Temperature AndFor Different Number Of Baffle Plates.

PERSONAL PROFILE

Date of Birth : 21st June 1991
Nationality : Indian
Gender : Female
Marital Status : Married
Religion : Hindu
Languages : English, Hindi, Marathi
Permanent Address : A502, Natures Pride Building , Bagad Properties ,
Gangapur Road, Nashik 422005

DECLARATION

I am confident of my ability to work in any environment. I hereby declare that the information furnished above is true to the best of my knowledge.

Dr. Pradnya Prakash More
PhD (Mechanical)