# Govt. College of Engineering, Yavatmal (MS) Department of Mechanical Engineering

## **RESUME**



1	Name	Dr. Pramod R. Pachghare					
2	Designation	Assistant Professor (Mechanical)					
3	Email ID:	Pramod.pachghare@gmail.com					
4	Date of joining the institute	09/09/2021					
5	Date of joining the present post	18/02/2000					
6	Qualification	UG-BE (Mechanical Engg)					
		PG- ME (Thermal Engg)					
		PhD (Mechanical Engg)					
		Any other					
	<b>Experience:</b>	Academic / Research: 22 Years					
7	Experience.	Professional /Industrial: 05 Years					
8	Courses taught	UG-Fluid Mechanics/Fluid Machinery					
		PG-Fluid Dynamics/ Gas Turbine					
9	PhD Supervisor; No. of Ph. D. candidates Supervised/Completed	04					
10	Topics of Research/ Interest	<ul> <li>Pulsating heat pipe</li> <li>Two-phase flow</li> <li>Experimental heat transfer</li> <li>Phase-change phenomenon</li> <li>Fluid Mechanics and Hydraulics Machine</li> </ul>					
11	Co-ordinator of STTP/ FDP/ Workshops (Last 5 Yrs)	<ol> <li>Coordinator of AICTE-QIP Sponsored One Week Short Term Course on "Computational Fluid Dynamics and Heat Transfer" on 17-22<sup>nd</sup> December, 2018 at GCOE, Amravati</li> <li>Coordinator of One day workshop on "Fundamentals of Heat Pipe and its Applications" on 20<sup>th</sup> July, 2016 at GCOE, Amravati</li> </ol>					
12	Courses/FDP/STTP/ Workshops attended (last 5 yrs):	"Environmental Challenges: Process and Pulp Industries"	Sponsored by AICTE- ISTE	Period  23 <sup>rd</sup> Feb-1 <sup>st</sup> Mar, 2021			

		"Applications of FEA and CFD using ANSYS" Online FDP on "Outcome Based Education: A Step Towards Excellence"		TEQIP-III	13-17 <sup>th</sup> Jun, 2020			
				AICTE- Margdarshan Scheme	11-15 <sup>th</sup> May., 2020			
		Refresher Training Program for Class-I Officers Computational Fluid		DTE, Mumbai AICTE-	11-15 <sup>th</sup> Nov., 2019 17-22 <sup>nd</sup>			
		Dynamics and Heat Transfer		QIP	Dec., 2018			
		Research Perspective in I C Engine		AICTE- QIP	03-08 <sup>th</sup> Dec., 2018			
		Innovative Teaching and Research Methods Conflict Resolution and		AICTE- ISTE TEQIP-II	03-07 <sup>th</sup> Apr., 2018 17-21 <sup>st</sup>			
		Problem Solving The Art of Teaching-		TEQIP-II	Oct., 2016 24-28 <sup>th</sup>			
		Pedagogy Advances in Water		TEQIP-II	May., 2016 14-18 <sup>th</sup> Mar, 2016	-		
			ervation and gement		Mar, 2016			
13	Publications:					_		
	International & National Journals	38						
	International/ National Conferences	21						
	Book Chapter	Nil						
	Patent	Nil						
14	Sponsored projects undertaken (if any)	Characteristics of Pulsating Heat Pipe (INR 17,98,039) AICTE-RPS No: 1-7051124041 AY 2020-23 (3 Years)						
			I					
		S. N.	Institute /Society		Membership No.			
15	Memberships of Professional / Non	01	Life Member of Indiar Technical Education (	ISTE)	No. LM 62827			
15	Memberships of Professional / Non Professional Bodies	01	Life Member of Indiar Technical Education ( Life Member of Intern Association of Engine	ISTE) aational ers (IAENG)	No. LM 62827 LM 103991			
15	Professional / Non	01 02 03	Life Member of Indian Technical Education ( Life Member of Intern Association of Engine Life Member of Admin College of India (ASCI	ISTE) national ers (IAENG) nistrative Staff ), Hyderabad	No. LM 62827			
15	Professional / Non	01 02 03	Life Member of Indiar Technical Education ( Life Member of Intern Association of Engine Life Member of Admin	ISTE) national ers (IAENG) nistrative Staff ), Hyderabad	No. LM 62827 LM 103991			

Short Term Course on "Computational Fluid Dynamics and Heat Transfer" at Government College of Engineering, Amravati during  $17\text{-}22^{nd}$  December, 2018 on  $21^{th}$  December, 2018.

#### Iournal Reviewer:

- 1. Applied Thermal Engineering, ELSEVIER Publication, Science Direct
  - Paper ID:1) ATE\_2017\_2817, 2) ATE\_2017\_3038, 3) ATE\_2018\_90, 4) ATE\_2018\_4015
    - 5) ATE-D-21-02194R1
- 2. International Journal of Heat and Mass Transfer, ELSEVIER Publication, Science Direct Paper ID: 1) HMT 2020 590.
- 3. ASME Journal, Paper Number: 1) TSEA-19-1602, 2) TSEA-20-1275
- 4. Heat Transfer Engineering: An International Journal, Taylor & Francis (ISSN: 0145-7632)
- 5. International Journal of Frontier in Heat Pipe (ISSN: 2155-658X)
- 6. IP Journal of Heat and Mass Transfer (ISSN: 0973-5763)
- 7. Chinese Journal of Aeronautics, ELSEVIER (ISSN: 1000-9361), Impact Factor: 0.584
- 8. ASME Summer Heat Transfer Conference-2013 (ISSN: )
- Received Outstanding Contribution in Reviewing award from Applied Thermal Engineering, ELSEVIER Publication, Amsterdam, The Netherlands, Science Direct September 2017.

### Book Review:

 Book titled Thermodynamics: An Interactive Approach by Subrata Bhattacharjee, Pearson Global Edition. ISBN 13: 978-1-292-11374-6

#### Member of Editorial Board:

- 1. "JP Journal of Heat and Mass Transfer", Pushpa Publishing House (ISSN: 0973-5763)
- 2. "Journal of Mechanical Engineering Research", Bilingual Publishing Co. (ISSN: 2630-4945)