

## CURRICULUM VITAE



**Name:** Ram Ashabai Thakar

**Designation:** Assistant Professor

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**Profile:** Ram Ashabai Thakar post graduated in Mechanical engineering from Indian Institute of Technology (IIT), Madras. His areas of interest are thermal engineering, internal combustion engines, power plants and energy conservation and management. He has more than 20 years teaching experience including teaching at degree level engineering college at Nashik. He has good administrative capabilities and worked as head of mechanical engineering department at MVP college of engineering , Nashik for many years. He has authored three books on diversified areas for YCMOU .Presently he is working as Assistant Professor in the School of Continuing Education, YCMOU,Nashik.

### Education:

Ph.D (Mechanical Engineering)	Regd. Dr. B.A.M.U. Aurangabad
Master of Technology (M.Tech)	University: IIT Madras Discipline: Mechanical Year of Passing:1999 Research / Dissertation Topic: Exploratory Studies on Performance Improvement of an Axial Flow Compressor Rotor by Simple Passive Means
Bachelor of Engineering (B.E)	University: Dr.B.A.M.U Aurangabad Year of Passing:1997

**Work Experience:**

Position held	Name of the Organization or Institution	Duration			Responsibilities Performed
		From	To	Years	
Assistant Professor	Yashwantrao Chavan Maharashtra Open University, Nashik	21/12/2010	Till date	10 Years	Design, development & implementation of nee based vocational/skilled courses
Assistant Professor in Mechanical Engineering	N.D.M.V.P.S's College of Engineering, Nashik	01/03/2005	20/12/2010	6 years	Teaching to undergraduate mechanical engineering students
Assistant Professor & Head of Dept	N.D.M.V.P.S's College of Engineering, Nashik	15/05/2006	21/11/2008	2.5 years	Administration & Teaching to undergraduate mechanical engineering students
Lecturer in Mechanical Engineering	N.D.M.V.P.S's College of Engineering, Nashik	03/12/2001	28/02/2005	4 years	Teaching to undergraduate mechanical engineering students

**International Assignments:**

Country Visited	Duration		Purpose of Visit
	From	To	
Nil			

**Fellowship / Awards:**

Sr. No.	Name of the Fellowship / Awards	Granting / Awarding Institution	Year
1	Prerna Puraskar	Narayan Surve sarvajanik Vachnalaya, Nashik	2018
Nil			

**Publications:**

Sr. No.	Title of the Research Paper / Name of the Books / Title of Chapter in the Book / Policy Documents etc	Name of the Journal / Publisher	Year of Publication
1	performance improvement of an axial flow compressor rotor by means of turbulence Generator	National journal of Aerospace sciences & Technologies volume 49, number 1	2007
2	Concept of greenhouse effect in solar flat plate collector	International J. of Engg. Research & Indu. Appls. (IJERIA). ISSN 0974-1518, Vol.6, No. IV	2013
3	Increase in the C.O.P. & reduction in the	International J. of Engg. Research &	2013

	condenser size of NH3 VCR cycle by means of the liquid injection in the compressor and use of centrifugal compressor	Indu. Appls. (IJERIA). ISSN 0974-1518, Vol.6, No. IV (November 2013), pp 71-79	
4	Design and analysis of composite drive shaft	International J. of Engg. Research & Indu. Appls. (IJERIA). ISSN 0974-1518, Vol.6, No. IV (November 2013), pp 95-102.	2013
5	Waste heat recovery from internal combustion engines : a review	International J.of Multidispl.Research & Advcs. in Engg.(IJMRAE),ISSN 0975-7074, Vol. 5, No. IV (October 2013), pp. 125-132.	2013
6	Waste heat recovery system for stationary C.I. engine	International J.of ultidispl.Research & Advcs. in Engg.(IJMRAE), ISSN 0975-7074, Vol. 5, No. IV (October 2013), pp. 151-157	2013
	Design of heat exchanger for waste heat recovery from exhaust gas of diesel engine	Procedia Manufacturing-Elsevier ,20(2018) 372-376: ISSN-2351-9789.(2018).	2018
	A review on waste heat recovery from internal combustion engines”	International Journal of Computer Engineering and Applications, 12(Special Issue) (2018) 1-4: ISSN 2321-3469.(2018).	2018
	Experimental study on single cylinder diesel engine for exhaust waste heat recovery	Journal of Analysis and Computation, Conf. proceedings (2019) 1-5: ISSN 0973-2861(2019).	2019
	Experimental investigation of waste heat recovery from exhaust of four stroke diesel engine using specifically manufactured heat exchanger	Advances in Materials and Manufacturing Engineering, Lecture notes in Mechanical Engineering,	2020

		Springer, Conf. Proceedings (2020) 107-117: ISSN 2195-4356(print), ISSN 2195-4364 (electronic)(2020).	
	Experimental investigation of effect of preheating of air and exhaust gas recirculation on four stroke diesel engine	IOP Science Conf. Series: 2020 Materials Science and Engineering, 810(1)012032(2020)1- 9:ISSN(Online)1757-899X(Online) (2020).	

**Membership of Professional Body / Statutory Body (Internal & External):**

Sr. No.	Membership of Professional Body / Statutory Body	Name of Statutory Body / Institution	Period From	Period To
1	Indian Society for Technical Education	Indian Society for Technical Education	2004	Till date
2	Institution of Engineers	Institution of Engineers(India)	2010	Till date
3	Academic council	Yashwantrao Chavan Maharashtra Open University, Nashik	2018	Till date
4	School Council (School of Continuing Education)	Yashwantrao Chavan Maharashtra Open University, Nashik	2011	Till date
5	School Council (School of Computer science)	Yashwantrao Chavan Maharashtra Open University, Nashik	2017	Till date
6	School Council (School of science & technology)	Yashwantrao Chavan Maharashtra Open University, Nashik	2015	2017
7	School Council (School of humanities & social sciences)	Yashwantrao Chavan Maharashtra Open University, Nashik	2015	2017

**Official Address :**

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Yashwantrao Chavan Maharashtra Open University  
Nashik – 422 222. Maharashtra, India

*Signature of the Candidate*