

CURRICULUM VITAE

Name : Dr.Ram Ashabai Thakar

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Profile: Ram Ashabai Thakar post graduated in Mechanical engineering from Indian Institute of Technology (IIT), Madras and has been awarded Ph.D in Mechanical Engineering by Dr.B.A.M.U. Aurangabaad. 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 Associate Professor in the School of Continuing and Director, Centre for internal quality assurance. Also he is working as incharge planning officer of the university.

Education:

Doctor of Philosophy (Ph.D)	University: Dr.Babasaheb Ambedkar Marathwada University, Aurangabad Discipline: Mechanical Engineering Year of Award: 2021 Research / Dissertation Topic: Experimental investigation to improve performance of C.I.engine by means of waste heat recovery
Master of Technology(M.Tech)	University: Indian Institute of Technology (IIT), Madras Discipline: Mechanical Engineering 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.Babasaheb Ambedkar Marathwada University, Aurangabad Discipline: Mechanical Engineering Year of Passing : 1997 Research / Dissertation Topic: Solar grain dryer

Work Experience:

Position held	Name of the Organization or Institution	Duration			Responsibilities Performed
		From	To	Years	
Director	Centre for Internal Quality Assurance	01/11/2022	Till dates		Academic & Administrative Quality assurance related activities
Planning Officer (Incharge)	YashwantraoChavan MaharashtraOpen University, Nashik	01/11/2022	Till dates		Academic planning
Associate Professor	YashwantraoChavan MaharashtraOpen University, Nashik	09/03/2019	Till date	10 Years	Design,development & implementation of nee based vocational/skilled courses
Assistant Professor	YashwantraoChavan MaharashtraOpen University, Nashik	21/12/2010	08/03/2019	10 Years	Design,development & implementation of nee based vocational/skilled courses
AssistantProfessorin Mechanical Engineering	N.D.M.V.P.S'sCollege 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'sCollege 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'sCollege of Engineering, Nashik	03/12/2001	28/02/2005	4 years	Teaching to undergraduate mechanical engineering students

Fellowship / Awards:

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

Books Published: 1. Winding zali sopi 2. English 3. Patkatha lekhan

Publications in last 5 years :

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 condenser size of NH3 VCR cycle by means of the liquid injection in the compressor and use of centrifugal compressor	International J. of Engg. Research Indu. Appls. (IJERIA). ISSN 0974-1518, Vol.6, No. IV (November 2013), pp 71-79 &	2013
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 multidispl Research & Advcs. in Engg. (IJMRAE), ISSN 0975-7074, Vol. 5, No. IV (October 2013), pp. 151-157	2013
7	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
8	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

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
9	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
10	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, Springer, Conf. Proceedings (2020) 107-117: ISSN 2195-4356(print), ISSN 2195-4364 (electronic)(2020).	2020
11	Experimental investigation of effect of preheating of air and exhaust gas recirculation on four stroke diesel engine	IOP Science Conf. Series: Materials Science and Engineering,810(1)012032(2020) 1-9:ISSN(Online)1757-899X(Online) (2020).	2020
12	Effect of Fuel Injection Pressure on the Characteristics of Single Cylinder Diesel Engine Powered by Karanja Biodiesel (KBD20) Fuel	JOURNAL OF ENGINEERING, COMPUTING & ARCHITECTUR, Volume 11, Issue 12, DECEMBER – 2021. ISSN NO:1934-7197.pp 86-100.	2021
13	Experimental investigation to study combustion and emission characteristics of diesel engine by application of EGR and heated intake air	Materials today proceedings, Science direct. https://doi.org/10.1016/j.matpr.2022.08.402	
14	Experimental Investigation of Effect of Preheated Intake Air and Karanja Biodiesel (KBD20) on Diesel Engine with Waste Heat Recovery System	Springer-Lecture notes in Mechanical engineering,(In print)	

List of Research papers Presented in Conferences :

- Ram Thakar, Santosh Bhosle and Subhash Lahane presented research paper on , **“Design of heat exchanger for waste heat recovery from exhaust gas of diesel engine ”**, in **ICMMD2017 organized by Marathwada Institute of Technology , Aurangabad during 11-12 December 2017.**
- Ram Thakar, Santosh Bhosle and Subhash Lahane presented research paper on **“A review on waste heat recovery from internal combustion engines”**, at **ICKDST-18** organized by Jaywantrao College of Engineering, Pune during 27-28 February 2018.
- Ram Thakar,Santosh Bhosle and Subhash Lahane presented research paper on **“Experimental study on single cylinder diesel engine for exhaust waste heat recovery”**, in **ICKKDST-19** organized by Jaywantrao College of Engineering, Pune during 22-23 February 2019.

- Ram Thakar, Santosh Bhosle and Subhash Lahane presented research paper on “**Experimental investigation of waste heat recovery from exhaust of four stroke diesel engine using specifically manufactured heat exchanger**” at **Icamme 2019** organized by Kalinga Industriai institute and Technology(KIIT) Bhubaneswar during 15-17March 2019.
- Ram Thakar, Santosh Bhosle and Subhash Lahane presented research paper on “**Experimental investigation of the effect of preheating inlet air and the exhaust gas recirculation on single cylinder diesel engine in ICEMEM -2019** organized by Mukesh Patel School of Technology Management and Engineering, Shirpur during 23-24 December2019.
- Ram Thakar, Subhash Lahane and Santosh Bhosle presented research paper on “**Experimental investigation of effect of preheating inlet air and Karanja Biodiesel (KBD20) on diesel engine with waste heat recovery system in ICETMIE-2022** organized by The Northcap University, Gurugram during 4-5 March 2022.
- Ram Thakar, Subhash Lahane and Santosh Bhosle presented research paper on “**Experimental investigation to study combustion and emission characteristics of diesel engine by application of EGR and heated intake air in ICAME-2022** organized by College of Engineering, Pune during 23-25 June 2022.

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	2022
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	2020
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

Refresher/Orientation/Short Term/FDP Courses Completed

S.N.	Course/Programme	University/Institution	Subject	from date	to date	Days/Week
1	AICTE Sponsored STTP	Fr.Rodrigues Institute of Technology, Navi Mumba	Emerging Trends in Refrigeration and Air Conditioning	12.11.2007	16.11.2007	1 Week

S.N.	Course/Programme	University/Institution	Subject	from date	to date	Days/Week
2	AICTE Sponsored STTP	NDMVPS's College of Engineering, Nashik	Cyber Forensic and Data recovery	14.05.2007	26.05.2007	2 week
3	AICTE Sponsored STTP	NDMVPS's College of Engineering, Nashik	Computer Networking and Soft Computing	20.01.2007	21.01.2007	2 days
4	Govt. of India - MSME Spons	MACCIA, Nashik	MSME 'QMS-ISO 9001:2000	14.07.2008	18.07.2008	1 Week
5	Govt of Maharashtra Sponso	Govt of Maharashtra & YCMOU, Nashik	Prayogsiddh Kala Prashikshan 2014	11.02.2014	02.03.2014	3 week
6	ISTE Sponsored	IIT, Bombay	Technical Communication for STEM Faculty	08.10.2015 30.11.2015	11.11.2015 05.12.2015	2 week
7	University Sponsored STTP	MIT, Aurangabad	Research Methodology	13.03.2015	14.03.2015	2 days
8	AIU Sponsored STTP	AIU & YCMOU	Examination Reforms in Higher Education	22.06.2015	24.06.2015	3 days
9	ISTE Approved STTP	MIT, Aurangabad	Modeling and Simulation	27.06.2016	02.07.2016	1 Week
10	Govt. Sponsored STTP	IGNOU, New Delhi	Quality issues in developing /revising of self learning	10.07.2017	16.07.2017	1 Week
11	AICTE Approved FDP	IIT, Bombay	Foundation Program in ICT for Education	03.08.2017	07.9.2017	2 Week
12	University Sponsored	YCMOU, Nashik	Values in healthcare : A spritual Approach	28.10.2017	29.10.2017	2 Days
13	AICTE Approved FDP	IIT, Bombay	Pedagogy for Online & Blended Teaching-Learning Process	14.09.2017	12.10.2017	2 Week
14	IIT Bombay Sponsored STTP	IIT, Bombay	Elements of learner Centric MOOCs	03.05.2018	23.05.2018	1 Week
15	MHRD, GOI Sponsored	IIT Bombay & AISSMS, Pune	Development Program on Latex	28.04.2020	04.05.2020	1 Week
16	University Sponsored	Jain University, Bangaluru	Advanced welding technologies	04.08.2020	08.08.2020	1 Week
17	FDP	Sandip institute of Engineering & Management, Nashik	Renewable energy and utilization	26.05.2020	30.05.2020	1 Week

S.N.	Course/Programme	University/Institution	Subject	from date	to date	Days/Week
18	Govt college, Karad	Government College of Engineering, Karad	(FEA) and Computational Dynamics (CFD) using	13.06.2020	17.06.2020	1 Week
19	MSBTE Approved	Government Polytechnic, Jalgaon	Tools for online teaching learning process	20.04.2020	17.05.2020	4 Week
20	U.G.C. Paramarsh Scheme	Vinayk Rao Patil Mahavidyalaya, Vaijapur	'NAAC Assessment & Accreditation (A&A) for Affiliated Colleges'	08.06.2020	13.06.2020	1 Week
21	DTE & MSBTE Approved	Government Polytechnic, Malvan	Effective use of ICT tools in teaching learning process	08.06.2020	12.06.2020	1 Week
22	STTP	D.A.K. Degree college, Moradabad	Lifestyle management through yoga & fitn	12.06.2020	21.06.2020	2 Week
23	TEQIP III Sponsored	G.B.Pant institute of Engineering & Technology, Ga	Tools and scientific communications for research article and proposal writing	19.09.2020	23.09.2020	1 Week
24	FDP	Baptala Engineering College, Baptala	Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles"	01.06.2020	05.06.2020	1 Week
25	AICTE Sponsored	AISSMS, Pune	Innovative & Inventive Problem Solving	13.07.2021	18.07.2021	1 Week
26	UGC Approved	IGNOU, Delhi	Professional development programme on "Implementation of NEP-2020 for University and College teachers"	17.10.2022	22.10.2022	1 Week

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Signature of the Candidate