


ACADEMIC PROFILE

Name	Pramod A Wankhade	
Date of Birth	17 th July 1974	
Date of Joining	11 th April 2000	
Designation at the time of Joining	Lecturer	
Current designation	Assistant professor	
Personal Homepage	http://vjti.ac.in/index.php/academics/mechanical/11-faculty-wankhade/98-pawankhade	
Phone (Office)	022-24198210	
Mobile	9930882220	
Email	pawankhade@me.vjti.ac.in	
Academic Qualifications		
<ul style="list-style-type: none"> • B. E. (Mechanical Engg.) • M. E. (Mechanical Engg.) • Ph. D. Pursuing • 		
Career History		
<ul style="list-style-type: none"> • • • 		
Areas of Academic Interest		
<ul style="list-style-type: none"> • Design and Analysis of Fins for efficient Heat Transfer includes Fourier and non-Fourier analysis. • Study of vehicle and engine performance considering different road and climate conditions. • Development of new Rotary engine. • Study and Analysis of Emulsification and it's effect on Combustion in C. I. engines. • Design, Development and Manufacturing of SAE-BAJA and SAE Formula racing cars. 		
<u>Qualifications</u>		
<ul style="list-style-type: none"> • • • 		
Membership in Academic Bodies / Board of Studies / Editorial Board (Journals)		
<ul style="list-style-type: none"> • SAE member • • 		
Major Academic Publications		
<ul style="list-style-type: none"> • Establishment of non-Fourier heat conduction model for an accurate transient thermal response in wet fins. PA Wankhade, B Kundu, R Das International Journal of Heat and Mass Transfer 126, 911-923 • Heat transfer improvement of a wet fin under transient response with a unique design arrangement aspect. B Kundu, R Das, PA Wankhade, KS Lee International Journal of Heat and Mass Transfer 127, 1239-1251 • Analytical Temperature Distribution on a Turbine Blade Subjected to Combined Convection and Radiation Environment. B Kundu, PA Wankhade Journal of Thermal Engineering 2 (1), 524-528 		

<ul style="list-style-type: none"> Improvement In The Operating Characteristics Of Internal Combustion Engine Using Variation In Compression Ratio. YS Milind, PA Wankhade International Journal of Recent Trends in Engineering 1 (5), 35 A Survey Paper on Effect of Nozzle Hole Geometry on Di Diesel Engine Emission. SK Kumbhar, PA Wankhade .
Paper Presentations in National / International Journals (In last 5 years)
<ul style="list-style-type: none"> . . .
Paper Presentations in National / International Conferences / Seminars (In last 5 years)
<ul style="list-style-type: none"> TRANSIENT HEAT TRANSFER ANALYSIS OF AN ANNULAR WET FIN FOR DEHUMIDIFICATION OF AIR Prmod A. Wankhade, Balaram Kundu Conference paper. December- 2019. Istanbul,Turkey. . .
Attendance in Conferences / Seminars / Workshops (In last 5 years)
<ul style="list-style-type: none"> . . .
Participation in Professional Development Programmes (In last 10 years)
<ul style="list-style-type: none"> Cranfield University, UK for a training programe on Hybrid Electric Vehicles November-2010. Texas, USA to participate the SAE-Aero International competition along with a team of student as a faculty coordinator for SAE, March-2011. Van-Nuis USA, to participate the SAE-Aero International competition along with two teams of student as a faculty coordinator for SAE March-2012.
Guidance / Supervision of M.Tech & Ph.D. Dissertations
<ul style="list-style-type: none"> Guided more than 40 M.Tech. Projects .
Research Projects Undertaken
<ul style="list-style-type: none"> . .
Revenue generation (Consultancy/Testing assignments Undertaken) (In last 5 years)
<ul style="list-style-type: none"> Trailer design checking for 2, 4, and multi wheels and multi- axles trailers. .
Organization of Academic Conferences / Workshops / Designing Courses (In last 5 years)
<ul style="list-style-type: none"> . .
Invited Lectures / Chairing / Resource Person / Keynote Address (In last 5 years)
<ul style="list-style-type: none"> . .