

FACULTY PROFILE

Name	: Swati B. Wadawadagi	
Designation	: Assistant professor	
Department	: Mechanical	
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Qualification	: M.Tech. (Ph.D.)	
Professional Experience		
Teaching experience	: 29 years	
Teaching	: 29	
No. of Projects Guided		
UG	: 15	
Research		
Interest Area	: 1.Biodiesel	
Publications Books/Chapters	: 1.Applied Thermodynamics 2.Basic Thermodynamics	
Journals	: International Journals: <ol style="list-style-type: none"> 1. Venkanna Krishnamurthy Belagur, Venkataramana Reddy C, Swati B Wadawadagi, “Effect of Injection Pressure on Performance, Emission and Combustion Characteristics of Direct Injection Diesel Engine Running on Blends of Pongamia Pinnata Linn Oil (Honge oil) and Diesel Fuel”, Agricultural Engineering international: The CIGR Ejournal, Vol.9, year 2009, ISSN:1682-1130. 2. B. K. Venkanna, C. Venkataramana Reddy, Swati B. Wadawadagi “Performance, Emission and Combustion Characteristics of Direct Injection Diesel Engine Running on Rice Bran Oil / Diesel Fuel Blend”, International Journal of 	

	<p>Chemical and Bimolecular Engineering, vol.2, year 2009.</p> <p>3. B. K. Venkanna, Swati B. Wadawadagi “Experimental Investigations on Noise Attenuation of a Twin Cylinder Stationary Diesel Engine with Different Types of Mufflers”, ASME Journal of Vibration & Acoustics, vol. 121, year 1999/121, page 351-354.</p>
<p>Conferences/Workshops/ Training Programs Attended</p>	<p>Conferences</p> <ol style="list-style-type: none"> 1. Presented Paper on Experimental investigations on reduction of CO and HC in SI engine with catalytic converter at Small engine technology conference 2007 at Nigata, Japan from 29.10.07 to 1.11.2007 2. Improved Performance and Reduced Emissions in a D.I. Engine by Fumigating Methanol with Ignition Improver and with Increased Injection Pressure, 4th Asia pacific International Symposium on Combustion and Energy Utilization, BANGKOK, THAILAND/ Vol. No. 2 / 8 - 11, Dec. 1997. 3. Increased Injection Pressure in a D.I. Engine enables Higher Water Percentages in a Water / Diesel Emulsion and Improves Performance & Reduces Emissions, 4th Asia pacific International Symposium on Combustion and Energy Utilization, BANGKOK, THAILAND / Vol. No. 2 / 8 - 11, Dec. 1997. 4. Reduced Compression Ratio in an Insulated C.I. Engine Improves Performance & Emissions and with Ignition Improver Permits More Quantity of Vegetable Oil, 2nd International Symposium on Advanced Energy Conversion Systems and Related Technologies, Nagoya University, Nagoya, JAPAN, / 1 - 3, Dec.1998. <p>Training Programmes</p> <ol style="list-style-type: none"> 1 Induction Programme organized by Karnataka University, Dharwad for three weeks, 5.6.97 to 25.6.97 2 Recent Developments in automotive vehicle design, organized by P.E.S. college of Engineering Mandya for 2 Weeks,20.9.99 to 1.10.99. 3 Total quality management, organized by S.T.J Institute of technology, Ranebennur for 2 Weeks,24.07.01 to 5.08.21. 4 Advances in Casting and Technology organized by Basaveshwar Engineering college, Bagalkot, 24.09.01 to 6.10.01. 5 Processing of composite materials organized by Basaveshwar engineering college, Bagalkot, for 2 Weeks 26.08.02 to 7.9.02. 6 Futuristic materials and their applications organized by Basaveshwar engineering College, Bagalkot, for 2 weeks,18.8.03 to 30.08.03 7 Industrial approach for technical institutions and MIS organized by BVVS polytechnic Bagalkot for 2 weeks, 8.12.03 To 19.12.03. 8 Learning organization and knowledge management in technical education for 1 week, 16.02.04 to 21.02.04. 9 Embedded systems and applications organized by Basaveshwar Engineering college Bagalkot for 1 week, 22.03.04 to 27.03.04