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1	Name of the Candidate	Dr. K.B.Sidde Gowda	
2	Address of the parent institution	Associate Professor, Department of Automobile Engineering, PESCE, Mandya	
3	PhD Thesis Title	“ Studies on the properties of lubricating oil and performance of MPFI Engine using gasoline Ethanol Blends”	
4	Research guide Name	Dr. J Venkatesh	
	Department and Designation	Professor and Head , Department of Automobile Engineering PESCE, Mandya	
5	Date of Registration for PhD	2004	
	University /Branch	VTU/Automobile	
6	Date of Award of PhD degree	22 <sup>nd</sup> December 2015	
7	<u>Brief synopsis</u> <p>Transportation is unique among the energy consuming sections and it is largely dependent on the conventional gasoline and diesel fuels. It has got a greater impact in the country’s economy. These petroleum based fuels are stored fuels and they are irreplaceable. With our present known reserves and the growing rate of consumption, it is feared that they will be exhausted soon.</p> <p>In this project an experiment has been performed so as to study the performance of the MPFI engine using a) gasoline and b) gasoline- ethanol blend (E10,E20, E30), Emission and also study the effect on the properties of the lubricating oil for both gasoline and gasoline-ethanol run engine under similar test conditions and to find out what are the changes that have taken place on the lubricating oil on using ethanol- gasoline blend compared to the gasoline. Various tests were performed on the lubricating oil used for gasoline and gasoline- ethanol run engine.</p>		