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Obtained M.Tech degree in Thermal Power Engineering from Gulbarga University and Ph.D degree from J.N.T.U ,Ananthpur , Andhra Pradesh State. He has a total experience of 20 years that includes teaching ,research and administrative experience. He has published 10 papers in reputed International journals and presented 08 papers in International Conferences.

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Research Publications:

1. Basavaraj M Shrigiri, Omprakash D Hebbal, K Hema Chandra Reddy “ The effects of thermal barrier coatings on diesel engine combustion, performance and emission” International Journal of Advances on Automotive and Technology, Promech Corp. Press, Istanbul, Turkey Vol. 1, No. 1, pp. 6-12, October, 2016.
2. Basavaraj M Shrigiri, Omprakash D Hebbal, K Hema Chandra Reddy “Performance, emission and combustion characteristics of a semi-adiabatic diesel engine using cotton seed and neem kernel oil methyl esters” Alexandria Engineering Journal , Elsevier, (2016) 55, 699–706.
3. Basavaraj M Shrigiri, Omprakash D Hebbal, K Hema Chandra Reddy “Performance, Emission and Combustion Characteristics of Neem Kernel Oil and its Biodiesel on a Low Heat Rejection Engine” Thermal Engineering, 79 (2015), 30232-30235.
4. ArunSuldal, Basavaraj M Shrigiri ”Performance and emission characteristics of diesel engine using custard apple seed oil methyl ester and blends” International Research Journal of Engineering and Technology, Vol. 3, Issue 6, June 2016.
5. Basavaraj M Shrigiri, Omprakash D Hebbal, K Hema Chandra Reddy “ Experimental Investigation on Low Heat Rejection Engine Fueled with Cotton Seed Oil and its biodiesel” International Journal of Latest Technology in Engineering, Management & Applied Science, Vol II, Issue XII, 2014, pp 58-62.
6. Prashant Kalmath, Omprakash D Hebbal, Basavaraj Shrigiri, Prakash S Patil “Investigation of Performance, Combustion and Emission Characteristics in single cylinder Low Heat Rejection Diesel Engine using diesel and neem kernel biodiesel”, International Journal for Scientific Research and Development, Vol 2, Issue 07, pp 12-18.
7. ChandanInamdar, Ritesh Kemble, Basavaraj M Shrigiri “ Production of Bio- Diesel from non-edible oils- an Overview”, Journal of Mechanical Engineering Research and Technology, Vol.2, No 1(2014), pp 431-436.

8. Basavaraj M Shrigiri, Omprakash D Hebbal, K Hema Chandra Reddy “Biodiesel Applications as fuels for Low Heat Rejection Engine- An Overview”, International Journal of Mechanical Engineering and Research, Volume 2, Number 2 (2012), pp 109-116.
9. NirdoshPatil, Basavaraj M Shrigiri, S B Patil “Synthesis Characterization and antimicrobial activity of Co(II),Ni(II) & Cu(II) complexes with legends derived from pyrazoline derivatives”, Oriental Journal of Chemistry, Vol. 22(2), 431-436, (2006).
10. Shilpa B Shrigiri, V D Mytri, Basavraj M Shrigiri “Application of Nanomaterials in Co-ordination with VLSI Design Process” International Journal of Nanotechnology and Applications ISSN 0973-631X Volume 4, Number 2 (2010), pp. 73-85.