




K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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Designation	Assistant Professor	
Educational Qualification	M Tech (Thermal), (Ph.D.)	
Experience in Years	8 Years	
Areas of Interest	Biodiesel Production and Testing	
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Educational Details

Examination/ Degree	College / University	Year of Passing
UG	SJMIT, Chitradurga, VTU Belagavi	2009
PG	PDACE, Gulbarga, VTU Belagavi	2014
PhD	Siddaganga Institute of Technology, VTU Belagavi	Pursuing

Publications

Journal Publications: 09

1. Basavaraja. KT, PG Scholar, PDACE Gulbarga, **Experimental Investigation on Performance, Emission and Combustion Characteristics of Single Cylinder LHR Diesel Engine using Tobacco Seed Biodiesel**, Google Scholar article, ISSN: 2278-0181 International Journal of Engineering Research & Technology (IJERT) Vol. 3 Issue 8, August – 2014.
2. Basavaraja. KT, Assistant Professor, Mechanical Engineering Department, **Performance Analysis of Organic Rankine Cycle (ORC) Working on Different Refrigerant Fluids having Low Boiling Point**, Google Scholar Article, IJRST International Journal for Innovative Research in Science & Technology| Volume 4 | Issue 7 | December 2017 ISSN (online): 2349-6010
3. Basavaraja. KT, Assistant Professor, Mechanical Engineering Department, **Heat Load Calculation with Duct Design of a MultiStoreyed Residential Building**, Google Scholar Article, International Journal of Trend in Scientific Research and Development (IJTSRD) Volume: 3 | Issue: 3 | Mar-Apr 2019 Available Online: www.ijtsrd.com e-ISSN: 2456 – 6470.
4. Basavaraja. KT, Assistant Professor, Mechanical Engineering department, **Design of an Air Conditioning System for a Commercial Building using Air Handling Unit** in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-4 | Issue 1, December 2019, pp.192-195, URL: <https://www.ijtsrd.com/papers /ijtsrd29454.pdf>. Impact factor -6.03
5. Basavaraja. KT, Assistant Professor, Mechanical Engineering Department, **Performance of Year Round Air-conditioning on a Super Market** in International Journal for Scientific Research and Development IJSRD , ISSN:2321 0613, impact factor 4.03 Volume:7,Issue:9, 2019, pp :205 208, URL: <http://ijsrd.com/Article.phpmanuscr ipt=IJSRDV7I90178>.
6. Basavaraja. KT, Assistant Professor, Mechanical Engineering Department, **Performance of Air Conditioning System for 4- Seated automobile car** in International Journal for Scientific Research & Development – IJSRD, vol 7, issue-9, 2019, ISSN: 2421-0613. pp:298-305.
7. Basavaraja. KT, Assistant Professor, Mechanical Engineering Department, “Design of an Air

Conditioning System for a Domestic Aeroplane” in International Journal of Scientific Research Engineering and Management, IJSREM, ISSN:2582-3930, vol-4, Issue-6, 2020.

8. Basavaraja. KT, Assistant Professor, Mechanical Engineering Department, **A Review Paper on Design of HVAC System for Human Cabin in Space Craft** in International journal for Research in Applied Science and Engineering Technology (IJRASET), ISSN:2321-9653, Vol-8, Issue-3, 2020.
9. Basavaraja KT, Assistant Professor, Mechanical Engineering Department, **Design Of An Air-Conditioning System For A Domestic Aeroplane**, International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930, Volume: 04 Issue: 06 | June -2020

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