




K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

KSSEM Mallasandra, Off. Kanakapura Road, Bangalore - 560109.

Faculty Name	AKASH DEEP B N	
Designation	ASSISTANT PROFESSOR	
Educational Qualification	BE (MECHANICAL) M TECH (MACHINE DESIGN)	
Experience in Years	13	
Areas of Interest	MACHINE DESIGN	
E-mail	Akashdeep.b.n@kssem.edu.in	

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	S.J.C.I.TChickballapur/Visvesvaraya Technological University	2007
PG	S.J.C.I.TChickballapur/Visvesvaraya Technological University	2009
PhD	BGS R&D CENTRE/ Visvesvaraya Technological University	Perusing

Publications

Journal Publications:

International Journal

1. Sujan T N, Mr. Krishnamurthy K N & **Mr. Akash Deep B N**. Experimental Investigation on C and V Shaped Inline and Staggered Fins Array Using Forced Convective Heat Transfer. **Imperial Journal of Interdisciplinary Research (IJIR)**. Volume-2, Issue-9, 2016 ISSN: 2454-1362.
2. Vinaya Kumara U M , Mr. Krishnamurthy K.N & **Akash Deep B N**. Experimental Analysis of Rectangular Fin Arrays with Continuous Fin and Interrupted Fins Using Natural and Forced Convection. **International Journal of Innovative Research in Science, Engineering and Technology**. Vol. 5, Issue 8, August 2016. ISSN(Online) : 2319-8753. ISSN (Print) : 2347-6710
3. Avinasha P.S, Krishnamurthy K.N, **Akash Deep B.N**. Performance and Emission Analysis of Mahua Biodiesel Blends with Diesel Oil using Single Cylinder Diesel Engine. **International Journal of Engineering and Advanced Technology (IJEAT)**. Volume-4 Issue 6, page No.: 23-26, August 2015. ISSN: 2249-8958. <http://www.ijeat.org/v4i6.php>.
4. Shivakumar H, Krishnamurthy K N, **Akashdeep B.**, Heat Transfer Simulation of Impinging Jet with Finned Heat Sink. **International Journal of Research in Advent Technology**, Volume No. 02, Issue No. 08, August 2014 E-ISSN: 2321-9637.
5. Shivaprakasha C M, Krishnamurthy K N, **Akashdeep B N.**, Optimization of Time and Rotational Speed of Disc for Tinned Milk Using Numerical Simulations for Uniform Heat Distribution. **International Journal of Advanced Technology in Engineering and science**, Volume No. 02, Issue No. 08, August 2014. ISSN (online): 2348-7550. www.ijates.com.
6. Raghavendra P.M., Krishnamurthy K N, **Akashdeep B N.**, Performance and Emission Characteristics of Zirconia Coating on I.C Engine Using Callophyllum Biodiesel as a Fuel for

Varying Injection pressure. **International Journal of Science and Engineering Applications** Volume 3, Issue 4, July - August 2014.

7. Krishnamurthy K.N., Shashishekar K.S. and **Akashdeep B.N.**, Performance Analysis of Vacuum Tube Collectors for Hard Water Using Jacket Type Heat Exchanger. **International Journal of Engineering Research and Technology**, Volume 3, Number 3 (2010), pp. 641—651, © International Research Publication House <http://www.irphouse.com>

Conference Papers:

NATIONAL

1. **Akash deep B.N.**, Krishnamurthy K.N., S. Rajanna. Study on Mechanical Response of Dual Phase Steel (DPS). **National Conference on Mechanical Engineering**, pp 97 - 108. Organized by Department of Mechanical Engineering, M.S. Ramaiah Institute of Technology, Bangalore, Karnataka, India on November 13th and 14th 2009.
2. **Akash deep B.N.**, S. Rajanna, Dr. H.K Shivananda. Evaluation of Stress Intensity of Dual Phase Steel (DPS). **National Conference on Advances in Mechanical engineering**. Organized by Department of Mechanical Engineering VidyaVikas Institute of Engineering And Technology, Mysore, Karnataka, India, 5th October 2009.
3. **Akashdeep B.N.** Dual Mode System To Increase Fuel Efficiency. **National Conference on Advances in Mechanical engineering**. Organized by Department of Mechanical Engineering, KSSEM, Bangalore, Karnataka, India on April 28th 2015.
4. **Akashdeep B.N.** Dual Mode System To Increase Fuel Efficiency. **National Conference on Trends and Innovations in Automation, Materials and Thermal Engineering (TIAMTE – 2015)**. Organized by Department of PG Studies Visvesvaraya Technological University, Mysuru Karnataka, India on May 21st and 22nd 2015.
5. **Akashdeep B.N.** Optimization of Reinforcement Speed For Aluminum Metal Matrix Composite For Marine Application. **National Conference on Advances in Mechanical engineering**. Organized by Department of Mechanical Engineering, KSSEM, Bangalore, Karnataka, India on April 29th 2016.
6. **Akashdeep B.N.** Automated Manual Gear Transmission In Motor Bikes. **National Conference on Advances in Mechanical engineering**. Organized by Department of Mechanical Engineering, KSSEM, Bangalore, Karnataka, India on April 29th 2016.

INTERNATIONAL

1. Krishnamurthy K.N., Shashishekar K.S. and **Akashdeep B.N.** Performance Analysis of a Flat Plate collector and a Vacuum Tube Solar Collector for Hard Water using a Jacket Type Heat Exchanger. **International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences (AMMMT 2013)** held at Siddaganga Institute of Technology, Tumkur, Karnataka, India on May 3rd and 4th 2013.
2. Krishnamurthy K.N., Shashishekar K.S. and **Akashdeep B.N.**, Performance Analysis of Vacuum Tube Collectors for Hard Water Using Jacket Type Heat Exchanger. **International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences (AMMMT 2010)** held at Siddaganga Institute of Technology, Tumkur, Karnataka, India on November 18th and 19th 2010.

Awards

KSCST 2016 PROJECT OF THE YEAR

Professional Membership

The Indian Society For Technical Education (LM 94766)

The Institution of Engineers (India) (AM 160156-6)

Contact Details

S/O Late S.M.Narayanaswamy
No 113/1, Opp. To Manipal County Club
Begur Road, Singasandra
Bangalore 560068
MAIL ID: bndeep@gmail.com
Cell No:9986346009