




K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

Faculty Name	MURULIDHAR K S	
Designation	ASSISTANT PROFESSOR	
Educational Qualification	B.E.,M.Tech.,(Ph.D)	
Experience in Years	Teaching:10Years Industry :NIL	
Areas of Interest	RENEWABLE ENERGY RESOURCES, THERMALPOWER FLUIDMECHANICS, THERMODYNAMICS AND HEAT TRANSFER	
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Educational Details

Examination/ Degree	College / University	Year of Passing
UG	SJCIT,CHIKKABALLAPUR/VTU	2009
PG	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU/VTU	2011
PhD	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU/VTU	2014 REGISTERED

Publications

Journal Publications:

1. Published research paper in international journals of Global Journal of Engineering Science and Researches(IJESR) on **Design and fabrication of biogas digester for anaerobic dry fermentation under thermophilic condition**” with Thomson Reuters ENDNOTE, ISSN 2348-8034
2. Published paper in international Journal **IJARSE** in the title of **“Biogas produced from the convention of kitchen waste and chicken litter under thermophylic condition”** Volume 06, Issue07, July 2017 ISSN(O):2319-8354, ISSN(P):2319-8346 ,www.ijarse.com
3. Published paper in international Journal **IJARSE** in the title of **"Comparative study on flexible pot - stove with biomass used Modern Kitchen Stove (MKS)"** Volume

No.06,IssueNo.12,December2017,ISSN(O):2319-8354,ISSN(P):2319-8346 www.ijarse.com

4. Published paper in international Journal **IJMTE** in the title of "**Study on desalination and controlling of heavy metal ion pollution using M-Graphene oxide**" Volume No.08,IssueNo.X,OCTOBER2018,ISBN:978-93-87793-49-1

5. Published paper in international Journal **IJMTE** in the title of "**Emission control and fuel efficient by using android based self-regulating biomass stove**" Volume No.08,IssueNo.X,OCTOBER2018,ISBN:978-93-87793-49-1

6. Published paper in international Journal **IJMTE** in the title of "**Construction of indoor positioning system using trilateration and rfi fingerprints**" Volume No.08,IssueNo.X,OCTOBER2018,ISBN:978-93-87793-49-1

7. Published paper in international Journal **IJESR** in the title of "**Performance analysis of constant and taper blade for steam turbine by using CFD**" **IJESR/ICETEISM-2019/Special issue/Article no-32/151-155**

Conference Papers :

1. Paper is published in national conference (DOCAM 2012) held at East West Institute of Technology, Bangalore titled with "**Experimentation of different air-fuel ratios on a 125 Kva producer gas engine**".
2. Poster presented in India International Science Festival (IISF) 2015 at **IIT, Delhi**. Out of 20000 Paper this paper was selected for presentation. The poster entitled with "**High thermal efficiency solar panel based on thermal principles of silica zeolite and other composites**".
3. Presented a paper in National conference (ETMET) at JIT, Bangalore titled with "**Conversion of dissipated heat into electrical energy in I.C. Engines through fins**" held during 19th and 20th of August of 2016.
4. Presented and published paper in international conference (ICAMS-2017) held at Malnad College of Engineering, Hassan titled with "**Design and fabrication of biogas digester for anaerobic dry fermentation under thermophilic conditions**" held during 3rd to 5th March 2017.
5. Presented and published paper in national conference (RET: FOAC-2017) held at centre for PG Studies, VTU, Mysuru titled with "**Energy audit and analysis of biogas produced from the co-digestion of kitchen waste and chicken litter**" held during

March 9th and 10th 2017.

6. Published research paper in international journals of Global Journal of Engineering Science and Researches(IJESR) on **Design and fabrication of biogas digester for anaerobic dry fermentation under thermophilic condition**” with Thomson Reuters ENDNOTE, ISSN 2348-8034
7. Presented a paper in National conference(NCCDAME-2017) at KSIT, Bangalore titled with **”Design and analysis of hybrid car”** held during May 10th and 12th 2017,ISBN:978-81-929425-20
8. Presented a paper in National conference (NCCDAME-2017) at KSIT, Bangalore titled with **”Fabrication of solar-wind car”** held during May 10th and 12th 2017,ISBN:978-81-929425-20.
9. Published paper in international Journal IJARSE in the title of **“Biogas produced from the convention of kitchen waste and chicken litter under thermophylic condition”** Volume 06,Issue07,July 2017 ISSN(O):2319-8354,ISSN(P):2319-8346 ,www.ijarse.com
10. Presented and published paper in 4th international conference on Emerging Trends in Engineering,Technology,Science and Management**“Biogas produced from the convention of kitchen waste and chicken litter under thermophylic condition”** held on 16th July 2017 at IETE Pankka Road,Janakapuri,Delhi,India ISBN:978-93-86171-54-2
11. Presented and published paper in 9th **International conference** on recent development in engineering science titled with **"Comparative study on flexible pot - stove with biomass used Modern Kitchen Stove (MKS)"** held on 23rd December 2017 at Mahratta chamber of commerce, Industries and Agriculture Senapati Bapat Road,Pune.ISBN:978-93-86171-88-7.
12. Presented paper in 4th **International conference** on science, agriculture for society, titled with **"Comparative study on co-digestion of kitchen waste and chicken litter under thermophilic conditions"** held on 13th to 15th May 2019 at East West Institute of Technology, Bengaluru.
13. Presented paper in 1st **International conference** on emerging trends in engineering, innovative science and management **"Performance analysis of constant and taper blade for steam turbine by using CFD"** held on 18th May 2019 at East West Institute of Technology, Bengaluru.

Awards

1. **“BEST FACULTY AWARD”** received from PONDICHERRY **Chief Minister Thiru.V.Narayanasamy** in TESFA 2017.
2. Most Prestigious Award **“SHIKSHA BHARATHI”** from **Indian Achievers Forum (IAF), New Delhi.**
3. **“I2OR-OUTSTANDING EDUCATOR AWARD 2017”** from International Institute of Organized Research, Australia.
4. Received **“BEST YOUNG SCIENTIST”** Award at **SIAA-2018** from ASDF london.
5. Received for **“PROMISING RESEARCHER AWARD”** Green Thinkerz
6. Received **“ACTIVE YOUNG RESEARCHER AWARD”** for significant contribution in the field of research
7. Appreciated **3 years** continuously by KSIT for **100% results in Energy Engineering and Energy environment subject.**

Professional Membership

1. **LMISTE** (National)-LM86467
2. **MIAENG** (International)-182562
3. **MIREDA** (International)-AM10100581054
4. **MIAOIP** (International)-50724898
5. **Member of VIBHA**(New Delhi)
6. **MASDF(London)** (International)
7. **MISHRAE**(National)

Contact Details

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