

S J P N Trust's Hirasugar Institute of Technology, Nidasoshi

**FACULTY PROFILE**

1. **Name in full** : KALLAPPA. M. AKKOLI
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3. **Email ID** : kmakkoli.mech@hsit.ac.in
4. **Date of Birth** : 21-07-1978
5. **Address for communication** : A/P:AMMANAGI TAL: HUKKERI  
DIST: BELGAUM STATE: KARNATAKA
6. **Educational qualifications**



Sl. No.	Degree	University/Institution	Year	Specialization
1	Ph.D. (Pursuing)	VTU Belgaum	2013(R)	ENERGY TECHNOLOGY
2	M. Tech.	VTU Belgaum	2008	THERMAL POWER ENGG.
3	B.E.	Karnataka University, Dharwad	2001	MECHANICAL(GENERAL)

7. **List of all previous employment:**

Sl. No.	Name of the Employer/ Institution	Period		Designation
		From	To	
1	Hirasugar Institute of Technology, Nidasoshi	1/1/2017	Till date	Associate professor
2	Hirasugar Institute of Technology, Nidasoshi	Nov 2014	31/12/2016	Asst. Professor
3	Hirasugar Institute of Technology, Nidasoshi	FEB 2009	NOV 2014	Sr. Lecturer
4	Hirasugar Institute of Technology, Nidasoshi	FEB 2004	FEB 2009	Lecturer
<b>Total years of Experience</b>				<b>14 years</b>

8. **Date of Service in this Institution: 24<sup>th</sup> Feb. 2004**

9. **Total Experience in years: 15 Years**

10. **Subjects of Interest**

- BASIC AND APPLIED THERMODYNAMICS
- FLUID MECHANICS
- ENERGY ENGINEERING
- TURBOMACHINES
- HEAT AND MASS TRANSFER
- POWER PLANT ENGINEERING
- HYDRAULICS AND PNEUMATICS
- BIOMASS ENERGY RESOURCES
- NON CONVENTIONAL ENERGY SOURCES
- INTERNAL COMBUSTION ENGINES

**Publications**

- **K M Akkoli**, B M Dodamani, Jagadeesh A, Ravi, C “Design and Construction of Food waste Biogas plant for Hostel Mess” Published in International Journal of Scientific Research and Development, ISSN 2321-0613 Vol 3, Issue 3, May 2015

- **K M Akkoli**, P B Gangavati "Review on Assessment Methods of Agriculture Residues." Global Research and Development Journal for Engineering 1, 7 2016: 59 - 63.
- **K. M. Akkoli**, P. B. Gangavati "Review on Energy Conversion Processes and Characterization of Agricultural Residues" Journal of Renewable Energy and Resources Volume 1 Issue 2, Page 9-22 MANTECH PUBLICATIONS 2 016
- **K. M. Akkoli**, P. B. Gangavati, M.R. Ingalagi, R.K. Chitgopkar "Bio Energy and Conversion Processes" Journal of Renewable Energy and Resources Volume 2 Issue 3, Page 1-8 MANTECH PUBLICATIONS 2 017

### Conferences

- **K M Akkoli**, P B Gangavati "Fuel Analysis and Design of Downdraft Gasifier for Agriculture Crop Residues" The International Conference on Energy, Environment and Engineering (ICEEE 2016 from 29/3/2016 to 2/4/2016) at CIT, Coimbatore.
- M. P. Marajakke, **K. M. Akkoli**, R. K. Chitgopkar, "Solar Energy for Cooking using Thermic Fluid" Journal of Advances in Science and Technology Vol. 12, Issue No. 25, (Special Issue) December-2016, ISSN 2230-9659 Vol. 12, Issue No. 25, (Special Issue) December-2016
- **K. M. Akkoli**, P. B. Gangavati, S. N. Topannavar "Biomass Characterization and Design of Downdraft Gasifier for Agricultural Residues" Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016, from the International Conference on Recent Trends in Engineering, Science and Technology 2016, 1 June 2016, Hyderabad, India
- Prof. S.N.Topannavar, Dr. P.B.Gangavati, Prof. **K.M.Akkoli**, "Experimental study of an effect of compressed secondary air flow characterization on exhaust gas emissions in the biomass fluidized bed", Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE 2016, from the International Conference on Recent Trends in Engineering, Science and Technology 2016, 1 June 2016, Hyderabad, India
- Prof. S.N.Topannavara, Dr. P.B.Gangavati, Prof. **K.M.Akkoli**" Experimental study to extract energy by the influence of characterized secondary air injection in the fluidized bed" Special Section on: Current Research Topics in Power, Nuclear and Fuel Energy, SP-CRTPNFE2016, from the International Conference on Recent Trends in Engineering, Science and Technology 2016, 1 June 2016, Hyderabad, India

### 11. Training Programmes/Workshops/Seminars/STTPs/Symposiums Attended:

S.N.	Topic	Period	Date	Venue
1	Industry, Institute, Innovation and Interaction	1 Day	28/10/2017	Gogate Institute of Technology, Belagaum
2	Fuels, Combustion and Burners	6 Days	4/7/2016 to 9/7/2016	IIT, Chennai
3	Advanced IC Engines and Emission Control Techniques	2 Days	13/7/2015 to 14/7/2015	Sri Vidyanketan Intsitute of Technology, Tirupati
4	Plagarism awareness program	1 Day	28/6/2015	VTU, Belagavi

5	ISTE-SRM STTP on “Computational Fluid Dynamics	1 Week	9/6/2014 to 14/6/2014	Hirasugar Institute of Technology, Nidasoshi
6	Workshop on Conduction of PG Thermal Engineering Labs	1 Day	10/10/2014	VTU Regional center, Bangalore
7	Workshop on Research Facility at IUAC	1 Day	18/11/2014	VTU, Belagavi
8	Application of Renewable Energy Sources	1 Week	11/12/2013 to 17/12/2013	IIT, New Delhi.
9	Basic course on Thermodynamics	1 Week	11/11/2012 to 21/11/2012	Sponsored by IIT Bombay held at KLECET, Chikkodi.
10	Turbulent flows and their Prediction	1 Week	17/3/2011 to 23/11/2011	IIT, Chennai
11	Applications of Mathematics in Engineering	1 week	30/8/2010 to 31/8/2010	Hirasugar Institute of Technology, Nidasoshi.
12	Recent Development on Rock Excavation Technology and Management	1 Week	17/7/2009 to 23/7/2009	National Institution of Technology Surathkal
13	Mission 10X faculty development course	1 Week	2/2/2009 to 5/2/2009	conducted by Wipro held at B E C ,Bagalkot
14	Introduction to Computational Fluid Dynamics	1 Week	19/11/2007 to 24/11/2007	P D A college of Engineering Gulbarga
15	NSS Programme officers Refresher Course	1 Week	27/9/2004 to 6/10/2004	Karnataka University Dharwad

**12. Details of Memberships in societies:**

- Life Member of ISTE
- Member of IAENG
- ISRD

**Signature of the Faculty/Staff**

**Signature of the HOD**