

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

FACULTY PROFILE

1. **Name in full** : JAGADEESH A
2. **Contact Nos.** : +91-9902847774
3. **Email ID** : jagadeeshalkur.mech@hsit.ac.in
4. **Date of Birth** : 11-June-1989
5. **Address for communication:** #1663,Kamte House Behind
Government Hospital Nidasoshi
Gate,Nidasoshi,Tq-Hukkeri,Dist-
Belgaum-591236



6. **Educational qualifications :**

Sl. No	Degree	University/Institution	Year	Specialization
1	M.Tech.	VTU,BELGAUM	2013	THERMAL POWER ENGINEERING
2	B.E	VTU,BELGAUM	2011	MECHANICAL ENGINEERING

7. **Details of previous employment:**

Sl. No	Name of the Institution/Organization	Period		Designation
		From	To	
1	Hirasugar Institute of Technology, Nidasoshi	AUG-2015	Till Date	ASST.PROFESSOR
2	Hirasugar Institute of Technology, Nidasoshi	AUG-2014	JULY-2015	LECTURER
3	KNSIT,BANGALORE	AUG-2013	AUG-2014	LECTURER
Total Experience in years				06

8. **Date of Service in this Institution:** 01-AUG-2014

9. **Total Experience in years:** 06

10. **Subjects of Interest:**

- THERMAL ENGINEERING
- POWER PLANT ENGINEERING
- HEAT AND MASS TRANSFER
- FLUID DYNAMICS
- RENEWABLE AND NON RENEWABLE ENERGY SOURCES
- BASIC THERMODYNAMICS
- ELEMENTS OF CIVIL ENGINEERING AND MECHANICS
- ELEMENTS OF MECHANICAL ENGINEERING
- APPLIED THERMODYNAMICS

Publications in National and International Journals & Conferences:

i. Papers Published in International Journals:

1. **Jagadeesh A**, Prakash S Patil, Om Prakash Hebbal, "Experimental Investigation Of Performance And Combustion Characteristics Of Pongamia Biodiesel And Its Blends On Diesel Engine And LHR Engine" in the year 2013. Published in the International Journal of Engineering Research & Technology (IJERT), ISSN: 2319-1163, Vol. 2 Issue 7, July – 2013, page no 202-206.
2. B M Dodamani, S B Yapalaparvi, **Jagadeesh A** "Performance, Emission and Combustion Characteristics of Hydrogen, CNG operated HCCI engines with HnOME Biodiesel" published in the International Journal of Latest technology in engineering, Management and Applied Science, Vol. 3, Sep 2014.
3. 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.
4. Hareesh Naik, **Jagadeesh A**, B M Dodamani, K G Ambli, "Performance and Emission Characteristics of multi Cylinder DI Diesel Engine Operating on JOME and Diesel", Published in the International Journal of Advance Research in Science and Engineering(IJARSE), ISSN:2319- 8354, Vol. no.5, Special Issue No. 01, March.
5. **Jagadeesh A**, et al, "PERFORMANCE ANALYSIS OF VCR DI DIESEL ENGINE OPERATING ON RENEWABLE MULTI FUEL" in International Journals of Innovative Research in Science and Engineering (IJIRSE), ISSN:2454-9665. Vol-02, Special Issue No-05, May-2016.
6. **Jagadeesh A**, et.al "EXPERIMENTAL INVESTIGATION OF PERFORMANCE ANALYSIS ON VCR DI DIESEL ENGINE OPERATED ON MULTI BLEND BIODIESEL" in International Journals of Innovative Research in Science and Engineering (IJIRSE), ISSN:2454-9665. Vol-02, Special Issue No-05, May2016.
7. Kushal Ambli, B M Dodamani, **Jagadeesh A** "Optimization of Material input in Induction furnace for Casting" published a paper in International Journal of Science and Technology, Volume 12, Issue 25 (Special Issue) December 2016, ISSN 2230-9559.
8. V H Modi, **Jagadeesh A** "Experimental Investigation of Performance and Emission Characteristics of Di Diesel Engine Operated on WPO, Home and Diesel" in published a paper in International Journal of Science and Technology, Volume 12, Issue 25 (Special Issue) December 2016, ISSN 2230-9559.

ii. Papers Published in International Conferences:

1. **Jagadeesh A** et.al, "Performance and Emission Characteristics of multi Cylinder DI Diesel Engine Operating on JOME and Diesel" Presented in International Conference On Recent Innovations in Engineering and Management (ICRIEM-2016), at Dhananjay Mahadik Group of Institutions (BIMAT), Kolhapur, Maharashtra, India, : ISBN-978-81932074-5-1, Held on 23-March-2016.
2. **Jagadeesh A**, et al, "PERFORMANCE ANALYSIS OF VCR DI DIESEL ENGINE OPERATING ON RENEWABLE MULTI FUEL" Presented in International Journals of Innovative Research in Science and Engineering , International Conference Innovative Science, Engineering and Management (ICITSEM-2016) at ICC, New Delhi, India, ISBN-978-81-932074-9-9 Held on 27-May-2016.
3. **Jagadeesh A**, et.al "EXPERIMENTAL INVESTIGATION OF PERFORMANCE ANALYSIS ON VCR DI DIESEL ENGINE OPERATED ON MULTI BLEND BIODIESEL Presented in International Journals of Innovative Research in Science and Engineering , International Conference Innovative Science, Engineering and Management (ICITSEM-2016) at ICC, New Delhi, India, ISBN-978-81-932074-9-9 Held on 27-May-2016.
4. Kushal Ambli, B M Dodamani, **Jagadeesh A** Presented a paper entitled "Optimization of Material input in Induction furnace for Casting" published a paper in International conference on recent innovations in Engineering ICRIE-2016 held during 8th and 9th October 2016 at HIT, Nidasoshi.
5. V H Modi, **Jagadeesh A** "Experimental Investigation of Performance and Emission Characteristics of Di Diesel Engine Operated on WPO, Home and Diesel" Presented in International conference on recent innovations in Engineering ICRIE-2016 held during 8th and 9th October 2016 at HIT, Nidasoshi.
6. M M Shivashimpi, S A Alur, R S Ellur, **Jagadeesh A**, M R Ingalagi- Presentated a paper "Entitled Effect Of Nozzle Geometry On The Performance And Emission Characteristic Of C I Engine Operated On Palm Oil Methyl Ester" published a paper in international conference on recent innovations in science, engineering and technology (ICRISET-18) held during 18th & 19th of May, 2018, at HSIT, Nidasoshi.

iii. Papers Published in National Conferences:

1. **Jagadeesh A** et.al, "Fuel Saving by Thermic Fluid Boiler" Presented in National Conference on Emerging Trends in Engineering, Technology & Architecture-2016, at DY Patil college of Engineering & Technology, Kolhapur: ISBN, 978-81-920561-8-0, Jan2016.
2. **Jagadeesh A** et.al, "Performance, Emission Characteristics of Dual Fuel & HCCI Engine Operated on CNG, UOME Biodiesel" Presented in National Conference on " MAKE IN INDIA-AN OPPORTUNITY FOR ENGINEERING TECHNOLOGIES" at SGBIT, Belagavi.
3. S B Awade, N M Ukkali, **Jagadeesh A**, B M Dodamani presented a paper entitled "Finite Element analysis of smart composite plates using ANSYS, in 3rd National conference on Advances in Mechanical Engineering" held at K S School of Engineering and Management, Bangalore during 29th April 2016.

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

S.N.	Topic	Period	Date	Venue
1	<i>International conference on Recent innovations in Engineering, ICRIE-2016</i>	<i>2 Days</i>	<i>8th to 9th October 2016</i>	<i>HIT, Nidasoshi</i>
2	QIP Short term course on 'Fundamentals of Fluid Mechanics through Experiments'	5 Days	11-05-2015 to 15-05-2015	IIT, BOMBAY

Awards/Achievements

- a. As a Project-Guide for Engineering students entitled "**Tree Climbing Cycle**" was awarded **Consolation Prize** in National Level **AnveshanA** project Exhibition during AY-2017-18.
- b. As a Project-Guide for engineering students entitled "**Multi rotor Wind Mill**" was selected for National Level **AnveshanA** project Exhibition during AY-2016-17.
- c. As a Project-Guide for engineering students entitled "**Smart Jack**" is selected for final exhibition in national **level KALAM INNOVATIONS** held at Chennai A2016-17.
- d. As a Project-Guide for Engineering students received a grant of **Rs.40, 000/-** from Vision Group of Science and Technology (**VGST**) for the Project proposal entitled "**Smart Jack**" during 2015-2016.
- e. The project entitled "**Fuel saving by utilizing thermic fluid boiler**" Project awarded **Consolation at SHRISTI-2015** Project exhibition held at, NHCE, and Bangalore.
- f. As a Project-Guide for Engineering graduate students received a grant of **Rs.6000/-** from Karnataka State Council for Science and Technology (**KSCST**) for the Project proposal entitled "**Fuel saving by utilizing thermic fluid boiler**" during 2014-2015.

12. Details of Memberships in Professional Societies:

- *LIFE MEMBER OF ISTE*
- *LIFE MEMBER OF IAETSD*