

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

### FACULTY PROFILE

1. **Name in full** : MAHANTESH.M. SHIVASHIMPI
2. **Contact Nos.** : +91-9742197173
3. **Email ID** : mmshivashimpi.mech@hsit.ac.in
4. **Date of Birth** : 01-06-1982
5. **Address for communication** : Assistant Professor, MED,  
HIT Nidasoshi
6. **Educational qualifications**



Sl. No.	Degree	University/Institution	Year	Specialization
1	Ph.D (Pursuing)	VTU, Belagavi	Registered in 2014	Internal Combustion Engine
2	M.Tech.	VTU Belagavi	2010	Thermal Power Engineering
3	B.E.	VTU, Belagavi	2006	Automobile Engineering

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

Sl. No.	Name of the Employer/ Institution	Period		Designation
		From	To	
1	Hirasugar Institute of Technology, Nidasoshi	Aug 2015	Till Date	Asst. Professor
1	Hirasugar Institute of Technology, Nidasoshi	October 2012	Aug 2015	Senior Lecturer
		October 2008	October 2012	Lecturer
2	M.P. Engineering Works, Designers & Manufactures of Sugar & Chemical Turnkey Projects, Mudhol	June 2006	June 2007	Graduate Trainee Engineer
<b>Total years of Experience</b>				<b>10.2 years</b>

8. **Date of Service in this Institution: 01/10/ 2008**

9. **Total Experience in years: 10.2 Years.**

**10. Subjects of Interest:**

- Basic Thermodynamics
- Applied Thermodynamics
- Fluid Mechanics
- Turbo Machines
- Hydraulics & Pneumatics
- Energy Engineering
- Automotive Engineering
- Internal Combustion Engine
- Heat & Mass Transfer
- Engine flow and Combustion

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

S.N.	Topic	Period	Date	Venue
1	Workshop on Application of Mathematics in Engineering	2 days	30 <sup>th</sup> To 31 <sup>st</sup> Aug 2010,	Hirasugar Institute of Technology, Nidasoshi
2	Faculty Development Program on Issues & Challenges for Foundry Industry in 21 <sup>st</sup> Century	3 days	17 <sup>th</sup> To 19 <sup>th</sup> March 2011	Gogte Institute of Technology, Belgaum
3	workshop on Computational Fluid Dynamics	2 weeks	2 <sup>nd</sup> To 22 <sup>nd</sup> June 2012	Conducted IIT, Bombay under National Mission on Education through ICT (MHRD, Govt. of India) at sanjay Ghodawat Group of Institutions, Atigre
4	Seminar on Research Opportunities in Bio fuels	1 day	19 <sup>th</sup> February 2013	V.T.U. Belgaum
5	workshop on Teaching Methodologies in Turbo machines	2 day	26 <sup>th</sup> & 27 <sup>th</sup> September 2013	Sambhram Institute of Technology, Bangalore
6	Symposium on Micro/Nano Scale Heat Transfer	2 days	26 <sup>th</sup> & 27 <sup>th</sup> December 2013	PES Institute of Technology, Bangalore
7	ISTE-SRM STTP on Computational Fluid Dynamics	1 week	9 <sup>th</sup> To 14 <sup>th</sup> June 2014	Hirasugar Institute of Technology, Nidasoshi
8	STTP on Energy Management	1 Day	29 <sup>th</sup> Sep 2014	BLDEA Engg college, Bijapur
9	IUAC sponsored program on Research facilities	1 Day	18 <sup>th</sup> Nov 2014	VTU, Belagavi
10	Introduction of Choice Based Credit System in Engineering Curriculum	1 Day	31 <sup>st</sup> of May 2015	VTU, Belagavi
11	Plagiarism and process adopted at VTU in respect of Plagiarism check for Ph.D. theses	1 day	28 <sup>th</sup> June 2015	VTU Belagavi
12	Green Technology and Sustainable Development	2 days	28 <sup>th</sup> to 30 <sup>th</sup> January 2016	Sanjeevan Engineering and Technology Institute, Panhala District. Kolhapur
13	Advance Engine Management System (Petrol)	2 days	15 <sup>th</sup> to 16 <sup>th</sup> April 2016	HIT Nidasoshi
14	Virtual Lab Setup for Refrigeration and Air Conditioning Lab Equipments	1 day	20 <sup>th</sup> August 2016	KIT's College of Engineering Kolhapur
15	Research Methodology	05 days	9 <sup>th</sup> to 13 <sup>th</sup> January 2017	AITM Belagavi

### 11. Publications in National and International Journals & Conferences:

- **Conferences**

1. Mahantesh M Shivashimpi, Dr. S.A. Alur and Prof. S. N. Topannavar paper entitled “ **Effect of Cylindrical Combustion Chamber Shape on the Performance of and Emission Characteristics of C.I. Engine Operated on Pongemia**” in the International Conference on Recent Innovations in

Engineering , ICRIE-2016 ,held at Hirasugar Institute of Technology Nidasoshi during 8<sup>th</sup> and 9<sup>th</sup> October 2016.

2. Mahantesh M Shivashimpi, Dr. S.A. Alur Prof. S. N. Topannavar and Prof. B M Dodamani, paper entitled “**Combined Effect of Cylindrical Combustion Chamber Shape and Nozzle Geometry on the Performance of and Emission Characteristics of C.I. Engine Operated on Pongemia**” is selected for Presentation in 1<sup>st</sup> International and 18<sup>th</sup> National ISME Conference on Enabling Sustainable Development in Mechanical Engineering, ISME-2017, held at National Institute of Technology, Warangal, Telangana, India during Feb 23-25, 2017.

- **Journals**

1. Mahantesh M Shivashimpi, Dr. S.A. Alur and Prof. S. N. Topannavar , paper entitled “ **Effect of Cylindrical Combustion Chamber Shape on the Performance of and Emission Characteristics of C.I. Engine Operated on Pongemia**” published in International Journal of Advances in Science and Technology, Volume 12, Issue No 25(Special Issue) December 2016, ISSN 2230-9659 Published by Ignited minds Journals.
2. Mahantesh M Shivashimpi, Dr. S.A. Alur Prof. S. N. Topannavar and Prof. B M Dodamani, paper entitled “**Combined Effect of Cylindrical Combustion Chamber Shape and Nozzle Geometry on the Performance of and Emission Characteristics of C.I. Engine Operated on Pongemia**” published in ISME Proceedings in 1<sup>st</sup> International and 18<sup>th</sup> National ISME Conference on Enabling Sustainable Development in Mechanical Engineering, ISME-2017, held at National Institute of Technology, Warangal, Telangana, India during Feb 23-25, 2017.

**12. Details of Memberships in societies:** Life Member of ISTE