

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
Total years of Experience				10.2 years

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 th To 31 st Aug 2010,	Hirasugar Institute of Technology, Nidasoshi
2	Faculty Development Program on Issues & Challenges for Foundry Industry in 21 st Century	3 days	17 th To 19 th March 2011	Gogte Institute of Technology, Belgaum
3	workshop on Computational Fluid Dynamics	2 weeks	2 nd To 22 nd 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 th February 2013	V.T.U. Belgaum
5	workshop on Teaching Methodologies in Turbo machines	2 day	26 th & 27 th September 2013	Sambhram Institute of Technology, Bangalore
6	Symposium on Micro/Nano Scale Heat Transfer	2 days	26 th & 27 th December 2013	PES Institute of Technology, Bangalore
7	ISTE-SRM STTP on Computational Fluid Dynamics	1 week	9 th To 14 th June 2014	Hirasugar Institute of Technology, Nidasoshi
8	STTP on Energy Management	1 Day	29 th Sep 2014	BLDEA Engg college, Bijapur
9	IUAC sponsored program on Research facilities	1 Day	18 th Nov 2014	VTU, Belagavi
10	Introduction of Choice Based Credit System in Engineering Curriculum	1 Day	31 st of May 2015	VTU, Belagavi
11	Plagiarism and process adopted at VTU in respect of Plagiarism check for Ph.D. theses	1 day	28 th June 2015	VTU Belagavi
12	Green Technology and Sustainable Development	2 days	28 th to 30 th January 2016	Sanjeevan Engineering and Technology Institute, Panhala District. Kolhapur
13	Advance Engine Management System (Petrol)	2 days	15 th to 16 th April 2016	HIT Nidasoshi
14	Virtual Lab Setup for Refrigeration and Air Conditioning Lab Equipments	1 day	20 th August 2016	KIT's College of Engineering Kolhapur
15	Research Methodology	05 days	9 th to 13 th January 2017	AITM Belagavi
16	VGST sponsored Faculty Development Programme on Recent Advances in Material-Properties	05 days	16 th to 20 th January 2018	Hirasugar Institute of Technology, Nidasoshi
17	National Level Faculty Development Programme on E-Resources & ICT in Teaching and Research	02 days	14 th to 15 th February 2018	Maratha Mandal Engineering College, 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 8th and 9th 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 1st International and 18th 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.
3. Presented research paper entitled on “**Effect of Nozzle geometry on the performance and emission characteristics of C.I Engine operated on Palm oil Methyl Ester**” in the Internal Conference on Recent Innovations in Science, Engineering & Technology (**ICRISET-2018**) held on 18th & 19th May 2018 at Hirasugar Institute of Technology, Nidasoshi in association with Labtech Innovations Guduvanchery, chennai.

• 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 1st International and 18th 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.
3. Mahantesh M Shivashimpi, Dr. S.A. Alur Prof. S. N. Topannavar and Prof. B M Dodamani, paper entitled “**Combined effect of combustion chamber shapes and nozzle geometry on the performance and emission characteristics of CI engine operated on Pongamia.**” ” published in International Journal of Energy, [Volume 154](#), 1 July 2018, Pages 17-26 Published by Elsevier.

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