

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

FACULTY PROFILE

1. **Name in full** : Hemalata R Zinage
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3. **Email ID** : hemazinage@gmail.com
4. **Date of Birth** : 16/06/1976
5. **Address for communication:** HIT Staff quarters
Nidasoshi 591236

6. **Educational qualifications :**

Sl. No	Degree	University/Institution	Year	Specialization
1	Ph.D	----		
2	M.Tech.	Walchand college of Engg Sangli	2010	Power Systems
3	B.E.	BEC Bagalkot	1999	Electrical and Electronics Engineering

7. **Details of previous employment:**

Sl. No	Name of the Institution/Organization	Period		Designation
		From	To	
2	Hirasugar Institute of Technology, Nidasoshi	Dec2000	Till Date	Assi.Prof
Total Experience in years				16 years

8. **Date of Service in this Institution:** 12-12-2000

9. **Total Experience in years:** 16 years

10. **Subjects of Interest:**

- Computer techniques in power system analysis
- Power system operation & control
- Power quality & harmonics
- power system analysis
- Electronic circuits
- Logic Design

11. Publications in National and International Journals & Conferences:

National/International Journals National/International Conferences

1) Presented and Published a Paper Entitled “Performance analysis of symmetrical multistage voltage multipliers using MATLAB” at International conference on Emerging Trends in Engineering (ICETE-2010) held on Feb 2010 at Dr. J.J Magadum college of Engineering, Jayasingpur

2) Presented & published a paper on “Water harvesting for young trees using peltier plates powered by solar photovoltaic cells” in a national conference on ‘Advanced Technologies in Electrical and Electronics Systems’ on 21st and 22nd March 2014 held at GIT, Belgaum, Karnataka.

3) Published a paper on “Design and implementation of smart automobile system” in Journal of advances in science and technology, vol-12, issue no. 25, Dec 2016, ISSN:2230-9659

4) Published a paper on “Quasi- Z-source inverter for photovoltaic power generation system” in a Journal of advances in science and technology, vol-12, issue no. 25, Dec 2016, ISSN:2230-9659

12. Technical Papers presented:

Presented a paper on “Water harvesting for young trees using peltier plates powered by solar photovoltaic cells” in a national conference on ‘Advanced Technologies in Electrical and Electronics Systems’ on 21st and 22nd March 2014 held at GIT, Belgaum, Karnataka.

Presented a paper on “Design and implementation of smart automobile system” in an international conference on “Recent innovation in engineering” on 8th & 9th of Oct 2016 held at HIT, Nidasoshi, Karnataka

Presented a paper on “Quasi- Z-source inverter for photovoltaic power generation system” in an international conference on “Recent innovation in engineering” on 8th & 9th of Oct 2016 held at HIT, Nidasoshi, Karnataka

Journal of advances in science and technology, vol-12, issue no. 25, Dec 2016, ISSN:2230-9659

1. Workshop / Seminars Conducted:

- Delivered a guest lecture on “Analysis of symmetrical multistage voltage multiplier” at Walchand College of Engineering Sangli on 23/08/2010
- Conducted one day workshop on “LabView” on 9th Nov 2013 at HIT Nidasoshi

2. Training Programmes/Workshops/Seminars/STTPs/Symposiums Attended:

Sl. No.	Topic	Period	Date	Venue
1	Attended a national workshop on “Smart Grid-2015”	2 days	6 th & 7 th Nov 2015	GIT Belgavi
2	Attended a FDP on “Computer aided electrical drawing (using AutoCAD)”	03 Days	12 th to 14 th Dec 2013	HIT Nidasoshi
3	Participated in the workshop on	01 Day	31 st OCT 2013	SDM Dharwad

	“Statistical Methods and Tools in Engineering Research”			
4	Attended FDP on” Research methodologies & effective teaching skills “	01 Day	8 th Feb 2013	VSM INSTITUTE OF TECH. Nipani
5	National Workshop on “Applications of Mathematics in Engineering”	02 Days	30 th Aug 2010 To 31 st Aug 2010	HIT Nidasoshi
6	Participated in Two days national workshop on “Power quality issues & solutions”	02ays	3 rd & 4 th Nov 2009	GIT Belgaum

3. **Awards/Achievements:**

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4. **Details of Memberships in Professional Societies:**

- *Life Member of Indian society of technical education (MISTE)*

5. **Any other information**

Signature of the Faculty/Staff

Signature of the HOD