

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

FACULTY PROFILE

1. **Name in full** : Hemalata R Zinage



2. **Contact Nos.** : 9480849335
3. **Email ID** : hemazine@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				17 years

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

9. **Total Experience in years:** 17 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
- Electrical & electronic measurement
- Basic electrical engg
- Electrical power generation & economics

11. Publications in National and International Journals & 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

13 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

14 Training Programmes/Workshops/Seminars/STTPs/Symposiums Attended:

Sl. No.	Topic	Period	Date	Venue
1	Attended faculty enrichment program on "power system analysis-1"	5days	24 th to 28 th Jan 2018	VTU Belgavi
2	Workshop on "NBA SAR filling & preparedness for assessment"	3days	15 th to 17 th Sept 2017	HIT Nidasoshi
3	Attended a national workshop on "Smatr Grid-2015"	2days	6 th & 7 th Nov 2015	GIT Belgavi
4	Attended a FDP on "Computer aided electrical drawing (using AutoCAD)"	03 Days	12 th to 14 th Dec 2013	HIT Nidasoshi
5	Participated in the workshop on "Statistical Methods and Tools in Engineering Research"	01 Day	31 st OCT 2013	SDM Dharwad
6	Attended FDP on "Research methodologies & effective teaching skills"	01 Day	8 th Feb 2013	VSM INSTITUTE OF TECH. Nipani
7	National Workshop on "Applications of Mathematics in Engineering"	02 Days	30 th Aug 2010 To 31 st Aug 2010	HIT Nidasoshi
8	Participated in Two days national workshop on "Power quality issues & solutions"	02ays	3 rd & 4 th Nov 2009	GIT Belgaum

15 Awards/Achievements:

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16 Details of Memberships in Professional Societies:

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

17 Any other information

Signature of the Faculty/Staff

Signature of the HOD