



CURRICULUM VITAE

Name:	Hemalata R Zinage	
Designation:	Assistant Professor	
Department:	Electrical and Electronics Engineering	
Specialization & Research Interests:	Electrical Power System	
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2. ACADEMIC QUALIFICATION(in reverse Chronological order):

Degree	Year	University/Board
M.Tech.	2010	Shivaji University, Kolhapur
B.E.	1999	KUD, Dharwar

3. ANY OTHER QUALIFICATION: -**4. PROFESSIONAL EXPERIENCE:**

Organization/Institute/University	Position Held	Duration
Hirasugar Institute of Technology, Nidasoshi	Lecturer	12-12-2000 to 30-01-2008
Hirasugar Institute of Technology, Nidasoshi	Sr. Lecturer	01-02-2008 to 30-11-2010
Hirasugar Institute of Technology, Nidasoshi	Asst. Professor	01-12-2010 to till date

5. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
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6. COURSES TAUGHT:

- Power System Operation & Control
- Power System Analysis-II
- Power System Analysis-I
- Computer Techniques in Power System Analysis & Stability
- Sensors & Transducers
- Micro and Nano Scale Sensors & Transducers
- Management & Entrepreneurship
- Microprocessors
- Logic Design
- Analog Electronics
- Electrical & Electronics Measurements
- Electrical Power Generation
- Network Analysis
- Basic Electrical Engineering

7. RESEARCH SUPERVISION:**A. Ph.D.:**

- i. Awarded : ---
- ii. Submitted : ---
- iii. Ongoing : ---

B: M.Tech.

- i. Awarded : ---
- ii. Submitted : ---
- iii. Ongoing : ---

C. BE/B.Tech Degree Oriented (Bachelor Level Dissertation):

- i. Awarded : 25
- ii. Submitted : --
- iii. Ongoing :01

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:

9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:

- Life time member of “Indian Society for Technical Education”, with Membership ID: LM101090.

10. PUBLICATIONS:**A. BOOKS/MONOGRAPHS:**

- 1. Authored:

- 2. Edited:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. Published a paper on **“Advanced Hybrid Electric Vehicle”** in a Journal of Composition Theory, Volume 12, Issue 6, June 2019, UGC Approved & 5.7 Impact Factor, and ISSN: 0731-6755.
2. Published a paper on **“Automated /Manual switching of fuel engine to electrical motors”** in a Journal of emerging technologies and innovative research, vol-5, issue no. 8, aug2018, ISSN:2349-5162
3. 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
4. Published a paper on **“Design and implementation of smart automobile system”** in Journal of advances in science and technology, vol-12, issue no. 25, Dec2016, ISSN: 2230-9659
5. 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 March2014 held at GIT, Belgaum, Karnataka.
6. 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 Feb2010 at Dr. J.J Magadum college of Engineering, Jayasingpur

C. PAPERS IN CONFERENCES PROCEEDINGS:

- 1) Presented a paper on **“Design and implementation of intelligent vehicle safety system”** in First Online International Conference on “Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2020) organized by Department of Science and Humanities, St. Martin’s Engineering College, Dhulapally, Secunderabad, T.S, India on 13th& 14th August 2020.
- 2) Presented a paper on **“Advanced Hybrid Electric vehicle”** in 2nd international conference on ‘Recent Innovations in Science, Engineering and Technology’ on 18th July 2019 held at HIT, Nidasoshi, Karnataka.
- 3) Presented a paper on **“Quasi- Z-source inverter for photovoltaic power generation system”** in a international conference on “Recent innovation in engineering” on 8th & 9th of Oct 2016 held at HIT, Nidasoshi, Karnataka
- 4) Presented a paper on **“Design and implementation of smart automobile system ”** in a international conference on “Recent innovation in engineering” on 8th & 9th of Oct 2016 held at HIT, Nidasoshi, Karnataka

- 5) 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.

11. Patents/Copyrights/IPR (If Any)

12. INVITED TALKS:

1. Invited talk on **“Analysis of symmetrical multistage voltage multipliers”** on 23/08/2010 at Walchand College of Engineering, Sangli.

13. RESEARCH PROJECTS (COMPLETED/ONGOING):

14. PARTICIPATION & PRESENTATIONS IN EMINARS/SYMPOSIA/WORKSHOPS/ CONFERENCES:

Sl. No.	Topic	Period		Venue
		From	To	
1	Webinar on Intellectual Property Rights Program	12-05-2022	12-05-2022	HSIT, Nidasoshi
2	Software Engineering and Testing Methodologies	16-03-2022	19-03-2022	HSIT, Nidasoshi
3	Four days workshop on “MatLab and Simulink”	08-12-2021	11-12-2021	HSIT, Nidasoshi
4	Attended a webinar on “Energy and Environment Problems Facing the Third World and their Probable Solutions for Sustainable Development and Poverty Alleviation” by Dr. D. P. Kothari, Ex. Director IIT, Delhi and Ex. Vice-Chancellor, VIT, Vellore.	27-07-2020	27-07-2020	Hirasugar Institute of Technology, Nidasoshi
5	Participated in Online Quiz on “Electrical Basics for Professionals”.	30-06-2020	30-06-2020	KLE Institute of Technology, Hubballi and HESCOM, Hubballi
6	Attended four days faculty	01-06-2020	05-06-2020	Sharad institute of

	development program on “ Power Quality and Reactive Power Management”			technology, college of engg., Yadrav
7	One week workshop on “Recent Trends in Power Systems” Organised by the Department of Electrical Engineering	22-06-2020	26-06-2020	Sharad Institute of Technology College of Engineering ,Yadrav
8	Attended four days faculty development program on “Machine Learning and Data Analytics” sponsored by VGST, Govt. of Karnataka.	08-01-2020	11-01-2020	HSIT, Nidasoshi
9	Attended four days workshop on “Baiscs of MATLAB and Simulink”	19-09-2019	22-09-2019	HSIT, Nidasoshi
10	Internet of things and its real time application	28-01-2019	02-02-2019	HIT. Nidasoshi
11	Effective conduction of basic electrical engineering laboratory	03-08-2018	03-08-2018	HIT Nidasoshi
12	Attended faculty enrichment program on “power system analysis-1”	24-01-2018	28-01-2018	VTU Belgavi
13	Workshop on “NBA SAR filling & preparedness for assessment”	15-09- 2017	17-09- 2017	HIT Nidasoshi
14	Attended a national workshop on “Smatr Grid-2015”	6-11-2015	7-11-2015	GIT Belgavi
15	Attended a FDP on “Computer aided electrical drawing (using AutoCAD)	12-12-2013	14-12-2013	HIT Nidasoshi
16	Participated in the workshop on “Statistical Methods and Tools in Engineering Research”	31-10-2013	31-10-2013	SDM Dharwad
17	Attended FDP on” Research methodologies & effective teaching skills “	08-02-2013	08-02-2013	VSM INSTITUTE OF TECH. Nipani
18	National Workshop on “Applications of Mathematics in Engineering”	30-08-2013	31-08-2013	HIT Nidasoshi
19	Participated in Two days national workshop on “Power quality issues & solutions”	3-11-2009	4-11-2009	GIT Belgaum

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

- 1 Conducted various workshops, FDP's, competitions & events both national & institute level as Department Association Co-ordinator.
- 2 Achieved 100% result in the subjects like Computer Techniques in Power System Analysis, Power System Operation & Control.

16. ANY OTHER SIGNIFICANT INFORMATION:

- 1 Completed NPTEL Online Certification on "Electrical Machines- I", Sep-Dec 2020 (12-Week Course), Conducted by IIT – Kharagpur.
- 2 Completed NPTEL Online Certification on "Student Psychology", Aug-Nov 2020 (8-Week Course), Conducted by National Institute Of Technical Teachers Training And Research, Chennai.

Prof. Hemalata R. Zinage