




CURRICULUM VITAE

Name:	Shri. Mahesh P.Yenagimath	
Designation:	Assistant Professor	
Department:	Electrical and Electronics Engineering	
Specialization & Research Interests:	Power System Automation Machine Learning	
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2. ACADEMIC QUALIFICATION(in reverse Chronological order):

Degree	Year	University/Board
Ph.D.	Pursuing	VTU, Belagavi
M.Tech.	2010	VTU, Belagavi
B.E.	2004	VTU, Belagavi

3. ANY OTHER QUALIFICATION:

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4. PROFESSIONAL EXPERIENCE:

Organization/Institute/University	Position Held	Duration
Hindalco Industries Private Limited, Belgaum (Aditya Birla Group)	Trainee Engineer	01-12-2004 to 31-12-2004
Hirasugar Institute of Technology, Nidasoshi	Lecturer	16-02-2006 to 31-01-2010
Hirasugar Institute of Technology, Nidasoshi	Sr. Lecturer	01-02-2010 to 31-07-2015
Hirasugar Institute of Technology, Nidasoshi	Asst. Professor	01-08-2015 to till date

5. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
First Year Coordinator	From 01-09-2023 to Till date	Dept.Work

6. COURSES TAUGHT:

- Smart Grid
- Signals and systems
- Digital Signal Processing
- Power system Protection
- Microcontroller
- Electrical Distribution system
- VLSI Circuits and Design

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 : 02
- iii. Ongoing : --

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: LM63533.

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

- 1. Authored:

- 2. Edited:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. Published paper entitled **“An Intelligent Lightning Prediction and Protection System using ANN”** in Journal of Power Electronics and Devices, Volume 9, Issue 2,2023.
2. Published paper entitled **“Lossless Compression of Synchrophasor Data in Wide Area Monitoring (WAM) of Power System”** in International Journal of Innovative Research in Technology (IJIRT), Vol 8, Issue 6 November 2021.
3. Published paper entitled **“Review on Synchrophasor based data mining techniques and tools”** in i-manager’s Journal on Power Systems Engineering, Vol. 7, No. 4, November 2019 - January 2020.
4. Published paper entitled **“Load Equalizer Transformer” in a Journal of Composition Theory**, Volume 12, Issue 6, June 2019, UGC Approved & 5.7 Impact Factor, ISSN 0731-6755.
5. Published paper entitled **“Diagnosis of Power Transformer by using Artificial Neural Network”** in International Journal of Scientific & Engineering Research Volume 10, Issue 5, May-2019 ISSN 2229-5518.
6. Published Paper entitled **“Performance of Wireless Power transfer via High frequency resonating coil”** in Journal of emerging technologies and innovative research, ISSN: 2349-5162, volume 5, issue 8, august 2018.
7. Paper entitled **“Power system automation using Ethernet”** in Journal of advances in science and Technology, ISSN: 2230-9659, Volume-12, issue-25(special issue), Dec 2016.
8. Paper entitled **“VLSI implementation of high speed FFT processor”** in Journal of advances in science and Technology, ISSN:2230-9659, Volume-12, issue-25(special issue), Dec 2016.
9. Paper entitled **“Ethernet based online monitoring system for power transformer in a smart grid”** published in International Journal of Technology and Science, ISSN (Online) 2350-1111, (Print) 2350-1103 Volume IX, Issue 1, 2016 pp. 27-30.
10. Paper Entitled **“Monitoring and control strategies of smart grid system”** published in Multidisciplinary Journal of Research in Engineering and Technology, Peer Reviewed International Journal (ISSN: 2348-6953).
11. Paper Entitled **“Universal Serial bus based Human Interface device for Handheld devices”** published in Elsevier- Science and Technology Publications , Jan-2015.

12. Paper Entitled **“Ethernet Controller as solution for Embedded Applications, New Developments and Innovations”** Published in IOSR Journal of Electronics and Communication Engineering (ISSN: 2278-2834, ISBN 2278-8735, PP 39-43).

C. PAPERS IN CONFERENCES PROCEEDINGS:

1. Presented paper entitled **“An Intelligent Lightning Prediction and Protection System Using ANN”** Ninth National Conference on Power system Engineering organized by the department of Electrical and Electronics engineering, SDMCET Dharwad on 18th and 19th August 2023.
2. Presented paper entitled **“Simulation and Analysis of faults in Power Distribution System”** in National Conference on Power system Engineering organized by the department of Electrical and Electronics engineering, SDMCET Dharwad on 1st and 2nd July 2020.
3. Presented paper entitled **“Load Equalizer Transformer”** in 2nd international conference on ‘Recent Innovations in Science, Engineering and Technology’ on 18th July 2019 held at HIT, Nidasoshi, Karnataka.
4. Presented paper entitled **“Diagnosis of Power Transformer by using Artificial Neural Network”** in National Conference on Power system Engineering organized by the department of Electrical and Electronics engineering on 3rd and 4th May 2019.
5. Presented paper entitled **“Performance of wireless Power transfer via High frequency resonating coil”** in International conference on Recent innovations in science, engineering & technology (ICRISET) at Hirasugar institute of technology, Nidasoshi on 18th and 19th May 2018.
6. Presented paper entitled **“Power system automation using Ethernet”** in International conference on Recent innovations in engineering and science on 8th and 9th Oct 2016 at Hirasugar institute of technology, Nidasoshi.
7. Presented paper entitled **“VLSI implementation of high speed FFT processor”** in International conference on Recent innovations in engineering and science on 8th and 9th Oct 2016 at Hirasugar institute of technology, Nidasoshi.
8. Paper entitled **“Ethernet based online monitoring system for power transformer in a smart grid”** in International conference on Smart Electronic systems[ICSES-2016] at KLECET Belagavi during May 20-22, 2016.

9. Presented a paper entitled “**Monitoring and control strategies of smart grid system**” in National Conference on “Trends in industrial power electronics and control” at KLECET Belgaum during 29th to 30th Jan 2015.
10. Presented a paper entitled “**Universal Serial bus based Human Interface device for handheld devices**” in National conference on “Advanced Technologies in Electrical and Electronic systems” during 21st and 22nd March 2014.
11. Presented and Published a Paper Entitled “**Ethernet Controller as solution for Embedded Applications, New Developments and Innovations**” in 2nd International conference on Emerging Trends in Engineering (ICETE-2013) held on 22nd and 23rd Feb 2013 at Dr. J.J Magadum college of Engineering, Jayasingpur.
12. Presented a paper entitled “**Microcontroller Based Embedded Ethernet Controller for Small memory**” in the “National conference on Recent Advancements in Engineering (NCRAE12)” held on 22nd and 23rd June 2012 at Sanjeevani Engineering and Technology Institute, Panhala.
13. Presented and Published a Paper Entitled “**Internet Protocol Stack for Embedded system for small memory**” in the National Conference on emerging trends in Engineering and Technology SANJIVANI VISION 2011 held at Sanjivani rural education Society’s College of engineering, Kopargaon on 12th and 13th March 2011.

11. Patents/Copyrights/IPR (If Any)

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12. INVITED TALKS:

1. Given Guest Lecture on the topic “**Real world interfacing with Microcontroller**”, in Sharad Institute of technology, College of Engineering, Yadrav, on 25/03/2015.
2. Delivered invited talk on the topic “**Classical Lossless Compression of Synhrophasor Data in Wide Area Monitoring System**” in National Conference on Power System Engineering (NCPSE - 2021) held on 1st & 2nd July 2021 at SDM College of Engg & Tech, Dharwad.
3. Invited as a resource person to deliver expert lecture on the topic “**Digital Signal Processing**” in A.D.Shinde College of Engineering, Badagaon on 21/06/2022.

13. RESEARCH PROJECTS (COMPLETED/ONGOING):

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

Sl. No.	Topic	Period		Venue
		From	To	
1	Attended workshop on the topic "Embedded System design using Microcontroller"	21/09/2007	27/09/2007	KLECET Belgaum
2	Attended workshop on the topic "Digital system Design using Verilog"	29/02/2008	--	KLECET Belgaum
3	Participated in Short term Training on "Mechatronics"	23/03/2009	27/03/2009	S J P N Trust's Polytechnic, Nidasoshi
4	National Workshop on "Applications of Mathematics in Engineering"	30/08/2010	31/08/2010	HIT Nidasoshi
5	Attended Workshop on "MSP430 Microcontroller"	16/04/2012	17/04/2012	KLECET Belgaum
6	National Workshop on "Getting started with MATLAB"	12/07/2012	14/07/2012	Manipal Institute of Technology, Manipal.
7	Attended Workshop on "Signals and Systems"	04/10/2012	06/10/2012	HIT Nidasoshi
8	Attended Workshop on "Research writing and publishing"	29/12/2012	30/12/2012	AITM Bhatkal
9	Participated in the workshop on "Statistical Methods and Tools in Engineering Research"	31/10/2013	--	SDM Dharwad
10	Undergone the Training the Trainer workshop on "Intellectual Property Rights"	6/1/2014	--	VTU Belgaum
11	Attended workshop on "The power of FPGA and ASIC design with Mentor graphics"	10/03/2014	11/03/2014	GIT Belgaum
12	Faculty Development Program on "Research Methodology"	1/10/ 2014	05/10/2014	KLECET Belgaum
13	Guest lecture on the topic "Real world interfacing with microcontroller".	25/03/ 2015		Sharad Institute of technology, college of engineering, Yadrav.
14	Attended International Symposium on Advances in Power Distribution Engineering: Distributed Generation, Micro grid and Renewable Integration.	28/8/ 2015	29/8/2015	NIE, Mysore
15	Attended International Symposium on "Smart Grid Technologies: Recent initiatives, Challenges and opportunities.	27/1/ 2017	28/1/2017	NIE institution of technology, Mysuru.

16	One day seminar on “ Research trends in Electrical and Electronics Engineering ”.	18/02/2017		SDM Dharwad
17	Attended Short term course on “ IOT and its application in Electrical Systems ”	14/7/2017	15/7/2017	NIT Surthkal.
18	Workshop on “ NBA-SAR filling and preparedness for assessment ”.	15/9/2017	17/9/2017	HIT Nidasoshi.
19	Attended One day workshop on “ Effective conduct of Basic electrical engineering laboratory 18ELEL17 ”	3/8/2018		HIT Nidasoshi.
20	Participated in One week FDP on “ Internet of Things and Its real time applications ”	28/1/2019	2/2/2019	HIT Nidasoshi.
21	Attended Two Days FDP on “ Next Generation Energy Technologies ”	12/10/2019	13/10/2019	Jain college of Engineering, Belagavi.
22	Participated in 4 Days FDP on “ Machine Learning and Data Analytics ” sponsored by VGST, Karnataka	8/1/2020	11/1/2020	HIT Nidasoshi.
23	Participated in five day online FDP on “ Challenges and opportunities in smart grid ”	20/07/2020	24/07/2020	IEEE PES Bangalore chapter
24	Participated in One week Online Faculty Development Program on “ Recent Trends in Power Systems ”	22/6/2020	26/6/2020	Sharad Institute of Technology College of Engineering, Yadrav.
25	Participated in the TEQIP-III sponsored International Workshop on “ Electric Power Grid Modernisation: Trends, Challenges and Opportunities ”	20/07/2020	24/07/2020	The National Institute of Engineering, Mysuru
26	Attended a Five Day Online FDP on “ Recent Research Developments in Electrical Engineering ”,	4/8/2020	8/8/2020	PES Institute of Technology and Management, Shivamogga
27	Participated in the Five Days Online FDP on “ Machine Learning and Data Science ”, organized by the Dept. of CSE in Technical Association with IEEE Bangalore Section,	31/8/2020	4/9/2020	KLS’s Vishwanathrao Deshpande Institute of Technology, Haliyal, Uttara Kannada,
28	AICTE Sponsored STTP-3 on “ Battery Management and Control Techniques in EVs ”	14/12/2021	19/12/2021	HIT Nidasoshi.
29	Five days National level workshop on “ Deep learning and it’s applications ”.	6/3/2023	10/3/2023	Kalpataru Institute of Technology, Tiptur

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

- Received **Best Paper Award** for the paper entitled “**Performance of wireless Power transfer via High frequency resonating coil**” in International conference on Recent innovations in science, engineering & technology (ICRISET) at Hirasugar Institute of Technology, Nidasoshi on 18th and 19th May 2018.

16. ANY OTHER SIGNIFICANT INFORMATION:

- **Reviewer** for the 9th International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT (July 14-16,2023) organized by IEEE Bangalore section at MSRIT, Bangalore.
- Successfully completed SWAYAM Course on “**Introduction to Smart Grid**” in Sep-Nov 2020.
- Organized AICTE Sponsored STTP-1 on “**Battery Management and Control Techniques in EVs**” from 23rd to 28th November 2020.
- Participated in the Energy Fest organized on the eve of “**National energy Conservation Week**” on 20th December 2019.
- Invited as a Session Chair at 2nd International Conference on Recent Innovations in Science, Engineering & Technology (ICRISET-19) held on 18th and 19th July, 2019 at Hirasugar Institute of Technology, Nidasoshi, Belagavi, Karnataka in association with Labtech InnovationsTM.

**Shri. Mahesh P. Yenagimath**