



CURRICULUM VITAE

Name:	Shivanand Hirekodi	
Designation:	Asst. Professor	
Department:	Electrical & Electronics Engg.	
Specialization & Research Interests:	Power Electronics	
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2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University/Board
M.Tech.	2009	VTU Belagavi
B.E.	2000	Gulbarga University, Gulbarga
Diploma	1995	Board of Technical Education, Bangalore

3. ANY OTHER QUALIFICATION: -NIL-

4. PROFESSIONAL EXPERIENCE:

Organization/Institute/University	Position Held	Duration
Hirasugar Institute of Technology, Nidasoshi	Lecturer	01/12/2000 to 31/07/2008
Hirasugar Institute of Technology, Nidasoshi	Sr. Lecturer	01/08/2008 to 30/04/2010
Hirasugar Institute of Technology, Nidasoshi	Asst. professor	01/05/2010 to 31/12/2016
Hirasugar Institute of Technology, Nidasoshi	Assoc. Professor	01/01/2017 to 31/12/2018
Hirasugar Institute of Technology, Nidasoshi	Asst. professor	01/01/2019 to till date
Hirasugar Institute of Technology, Nidasoshi	Electrical Maintenance Engineer	01/02/2010 to till date

5. ADMINISTRATIVE ASSIGNMENTS: -NIL-**6. COURSES TAUGHT:**

- Analog Electronics
- Power Electronics
- Electrical power generation
- Transmission and Distribution
- High Voltage Engineering
- Industrial drives and applications
- Energy Auditing and Demand side management
- Testing and commissioning of electrical equipments
- Electrical Estimation and Costing
- Electrical Machine Design
- Basic Electrical Engineering

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

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

B: M.Tech.

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

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

- i. Awarded : 21
- ii. Submitted : 21
- iii. Ongoing :-

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE: -NIL-**9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:**

- Life Member of Indian Society for Technical Education -LM 62334

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

- 1. Authored : -NIL-
- 2. Edited : -NIL-

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

- i.** Published a paper entitled “Robot for War Field with Night Vision wireless Camera by Android Application” in International Journal of Advanced research in Computer and Communication Engineering Vol. 09, Issue1, January 2020.
- ii.** Published a paper entitled “Design and Implementation of High power LED Driver for Industrial Lighting” in Journal of composition theory Vol. 12, Issue No. 06, June 2019. ISSN 0731-6755.
- iii.** Published a paper entitled “Design and implementation of street lighting in Technical institution campus for optimum energy saving: case study” in Journal of Advances in Science and Technology Vol. 12, Issue No. 25, (Special Issue) December-2016, ISSN 2230-9659.

C. PAPERS IN CONFERENCES PROCEEDINGS:

- i. Presented a paper entitled “ Design and Implementation of High power LED driver for Industrial Lighting” in II International Conference on Recent innovations in Science, Engineering and Technology (ICRISET-2019) held at Hirasugar Institute of Technology, Nidasoshi from 18/07/2019 to 19/07/2020.
- ii. Presented a paper on “Symmetrical multistage voltage Multipliers” in an International conference held at MIT, Manipal during 7th Jan to 10th Jan 2010.
- iii. Presented a paper on “A modified Z-Source Inverter for PV cell” in a national conference on ‘Cutting Edge Technologies in Power Conversion & Industrial drives’ held at Bannari Amman Institute of Technology, Satyamangalam, Tamilnadu from 16/03/2011 to 17/03/2011.
- iv. Presented a paper on “High efficient AC-AC power converter applied to domestic induction heating” in a national conference on ‘Advanced Technologies in Electrical and Electronics Systems’ on 21st and 22nd March 2014 held at GIT, Belgaum, Karnataka.
- v. Presented a paper entitled “Design and implementation of street lighting in technical institution campus for optimum energy saving:case study” in a International conference on ‘Recent Innovations in Engineering(ICRIE-16)’ on 8th and 9th October 2016 held at HIT, Nidasoshi, Karnataka.

11. Patents/Copyrights/IPR (If Any): -NIL-**12. INVITED TALKS: -NIL-****13. RESEARCH PROJECTS (COMPLETED/ONGOING): -NIL-****14. PARTICIPATION & PRESENTATIONS IN SEMINARS /SYMPOSIA/ WORKSHOPS/ CONFERENCES:**

Sl. No	Topic	Period	Date	Venue
1	Presented technical paper entitled “Electrical distribution network performance enhancement using DG” in International conference on Engineering innovation organized by Jain Institute of technology, Davanagere, India.	01 day	03/06/2022	Online

2	Presented technical paper entitled “Enhancement of available transfer capability with integration of UPFC” at 4 th International conference on smart Systems and Inventive Technology organized by Francis Xavier Engineering College, Tirunvelveli, India.	01 day	22/01/2022	Online
3	Attended Two days workshop on National Education policy -2020 organized by GIT in association with VTU, Belagavi	02 days	19/11/2021 to 20/11/2021	GIT, Belagavi
4	Participated in FDP “ Incorporating Universal Human values in education”	05 days	26/07/2021 to 30/07/2021	AICTE sponsored - On line
5	Participated in FDP “Battery management and control Techniques”	06 days	23/11/2020 to 28/11/2020	AICTE sponsored - On line
6	Participated in “Webinar series on Satellite and Automation ” Organized by GSSSIETW IEEE branch in association with IEEE Bangalore section and CAS Bangalore chapter	03 days	11/05/2020 to 13/05/2020	On line
7	Attended Online FDP on “Trends and Challenges in Next Generation Energy Technologies” organized by Department of Electrical & Electronics Engineering, Jain College of Engineering, Belagavi.	03 days	10/6/2020 to 12/06/2020	On line
8	Participated in Webinar on “Authoring papers to IEEE” organized by Library and Information center, B.L.D.E.A’s V.P.Dr.P.G.Halakatti College of Engineering and Technology, Vijayapur.	01 day	11/06/2020	On line
9	Participated in Webinar on “Protective switchgear- Impacts and Applications” conducted by, Department of Electrical and Electronics Engg, Basaveshwar Engineering College(A), Bagalkot in collaboration with Universal Power Controls, Tumkuru.	01 day	15/06/2020	On line
10	Participated in Webinar on “Environmental Pollution- Causes, Effects and Control Measures” conducted by Sky Leadership Foundation(R) Doddaballapur Bangalore.	01 day	20/06/2020	On line
11	Attended Online one week FDP on “Online Learning and Assessment System” organized by Institute of Engineers (India), Kalaburgi local centre, Kalaburgi.	05 days	18 /6/2020 to 22 /6/2020	On line

12	FDP on Machine learning and Data Analytics.	4 days	08/01/2020 to 11/01/2020	H.I.T.Nidasoshi
13	FDP on Internet of the Things and its real time applications	1 week	28/01/19 to 02/02/2019	H.I.T.Nidasoshi
14	One day workshop on Effective conduction of Basic Electrical Engineering Laboratory	01 day	03/08/2018	HIT Nidasoshi
15	Short-term Course on “Special Electrical Machines and Control”	5 Days	29/01/2018 to 02/02/2018	NITTTR Chennai
16	NBA – SAR Filling & Preparedness for Assessment	3 days	15/09/2017 to 17/09/2017	HIT Nidasoshi
17	International Symposium on “Smart Grid Technologies: Recent Initiatives, Challenges and Opportunities”.	2 days	27/01/2017 to 28/01/2017	NIEIT-Mysuru
18	International Symposium on “Advances in power Distribution Engineering: Distributed Generation, Micro-Grid and Renewable Intergration”.	2 days	28/1/2015 to 29/01/2015	NIE-Mysuru
19	Short term course on “ Emerging R & D in wind energy conversion – Present & future challenges”	1 week	21/07/2014 to 26/7/2014	BEC, Bagalkot
20	Three days FDP on “Modeling and Simulation of Power Electronics Devices and Circuits”	3 days	29/08/2013 to 31/08/2013	NMAMIT, Nitte
21	Three days FDP on “Electrical drawing using AutoCad”	3 days	12/12/2012 to 14/12/2012	HIT, Nidasoshi
22	National workshop on “Getting started with MATLAB and Simulink”	3 days	12/07/2012 to 14/7/2012	MIT, Manipal
23	Three days FDP on “Medical Cybernetics”	3 days	10/02/2011 to 12/02/2011	PDACE, Gulbarga
24	Workshop on “Applications of Mathematics in Engineering”	2 days	30/08/2010 to 31/08/2010	HIT, Nidasoshi
25	Seminar on “Alternate Energy- Engineering challenges”	1 day	14/09/2007	SDMCET Dharwad
26	Workshop on “Renewable Energy for Electrical Power Generation & Thermal Applications”	2 days	31/08/2007 to 01/09/2007	SRIT,Bangalore
27	Workshop on “Embedded Systems and Applications”	1 day	29/04/2006	PDACE,Gulbarga

	Workshop on “Progress in Renewable Energy Sources”	1 day	12/12/2005	PD CE,Gulbarga
28	Workshop on “ Embedded Systems (FPGA) & Virtual Instrumentation”	2 days	19/10/2005 to 20/10/2005	PDACE,Gulbarga

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS: -NIL-**16. ANY OTHER SIGNIFICANT INFORMATION:**

- Working as member BOE of E&E (Composite Board) in VTU for the year 2021-22.
- Session Chair for II International Conference on Recent innovations in Science, Engineering and Technology (ICRISET-2019) held at Hirasugar Institute of Technology,Nidasoshi from 18/07/2019 to 19/07/2020.
- Participated and co-ordinated in the Energy Fest Organized on the eve of “National Energy conservation Week”
- Co-ordinator for Technovision-2019 a national level project exhibition for diploma students held on 23/03/2019
- Trouble shooting event co-ordinator for HIT QUEST 2014-A national level technical competition held at HIT-Nidasoshi.
- Jury member for Technovision-14 Project exhibition and competition organized by EESSA, of E&E dept, HIT-Nidasoshi.

(Name of Faculty)