



CURRICULUM VITAE

Name:	Shivanand Hirekodi	
Designation:	Asst. Professor	
Department:	Electrical & Electronics Engg.	
Specialization & Research Interests:	Power Electronics	
Email IDs (Official & Personal)	sdhirekodi.eee@hsit.ac.in shivanandhirekodi1976@gmail.com	
Mobile No.:	8073543248/9480849338	
Address:	Dept. of E&E Hirasugar Institute of Technology, Nidasoshi- 591236, Dist: Belagavi	

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 Circuits
- 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
- Electric Motors
- Elements of Electrical engineering
- Analog Electronics Circuits and Op-amps

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 : 24
- ii. Submitted : 24
- 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 "Network Reconfiguration for loss Reduction and Improvement of Voltage Profile in Electrical Distribution System" in International Journal of Advanced research in Science and Engineering Vol.12, Issue 12, Dec.2023
ii	Published a paper entitled "Optimal Placement of Static Phase Shifter and STATCOM to Enhance Performance of the Electrical Networks" in IEEE XPLORE COMPLIANT ISBN 978-1-6654-6216-7
iii	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.
iv	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.
v	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.	Published a paper entitled “Enhancement of Available Transfer Capability With Integration of Unified Power Flow Controller “ in Proceedings of the Fourth International Conference on Smart Systems and Inventive Technology (ICSSIT-2022). DVD Part Number: CFP22P17-DVD; ISBN: 978-1-6654-0117-3
ii	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.
iii.	Presented a paper on “Symmetrical multistage voltage Multipliers” in an International conference held at MIT, Manipal during 7 th Jan to 10 th Jan 2010.
iv.	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.
v.	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 21 st and 22 nd March 2014 held at GIT, Belgaum, Karnataka.
vi.	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 8 th and 9 th 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 a paper entitled “Network Reconfiguration for loss Reduction and Improvement of Voltage Profile in Electrical Distribution System” in International conference on recent trends in engineering and technology (ICRTET 2023) held on 8-9 December 2023 organized by Hirasugar Institute of technology, Nidasoshi.	02 days	08/12/2023 to 09/12/2023	Hirasugar Institute of Technology ,Nidasoshi.
2	Attended one day FDP on “Revised NAAC quality indicator framework and SSR preparation” organized by HIT, Nidasoshi.	01 day	24/11/2023	Hirasugar Institute of Technology ,Nidasoshi.
3	Attended five days online national level workshop on “Deep learning and its applications” organized by KIT,Tipatur	05 days	6/3/2023 to 10/3/2023	online
4	Presented technical paper entitled “ Optimal Placement of Static Phase Shifter and STATCOM to Enhance Performance of the Electrical Networks” in International conference on Artificial Intelligence and Smart Energy (ICAIS 2023) organized by JCT College of Engineering And Technology, Coimbatore, India	03 days	02/02/2023 to 04/02/2023	online
5	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
6	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
7	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

8	Participated in FDP “ Incorporating Universal Human values in education”	05 days	26/07/2021 to 30/07/2021	AICTE sponsored - On line
9	Participated in FDP “Battery management and control Techniques”	06 days	23/11/2020 to 28/11/2020	AICTE sponsored - On line
10	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
11	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
12	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
13	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
14	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
15	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
16	FDP on Machine learning and Data Analytics.	4 days	08/01/2020 to 11/01/2020	H.I.T.Nidasoshi
17	FDP on Internet of the Things and its real time applications	1 week	28/01/19 to 02/02/2019	H.I.T.Nidasoshi
18	One day workshop on Effective conduction of Basic Electrrical Engineering Laboratory	01 day	03/08/2018	HIT Nidasoshi
19	Short-term Course on “Special Electrical Machines and Control”	5 Days	29/01/2018 to 02/02/2018	NITTTR Chennai

20	NBA – SAR Filling & Preparedness for Assessment	3 days	15/09/2017 to 17/09/2017	HIT Nidasoshi
21	International Symposium on “Smart Grid Technologies: Recent Initiatives, Challenges and Opportunities”.	2 days	27/01/2017 to 28/01/2017	NIEIT-Mysuru
22	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
23	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
24	Three days FDP on “Modeling and Simulation of Power Electronics Devices and Circuits”	3 days	29/08/2013 to 31/08/2013	NMAMIT, Nitte
25	Three days FDP on “Electrical drawing using AutoCad”	3 days	12/12/2012 to 14/12/2012	HIT, Nidasoshi
26	National workshop on “Getting started with MATLAB and Simulink”	3 days	12/07/2012 to 14/7/2012	MIT, Manipal
27	Three days FDP on “Medical Cybernetics”	3 days	10/02/2011to 12/02/2011	PDACE, Gulbarga
28	Workshop on “Applications of Mathematics in Engineering”	2 days	30/08/2010 to 31/08/2010	HIT, Nidasoshi
29	Seminar on “Alternate Energy- Engineering challenges”	1 day	14/09/2007	SDMCET Dharwad
30	Workshop on “Renewable Energy for Electrical Power Generation & Thermal Applications”	2 days	31/08/2007 to 01/09/2007	SRIT,Bangalore
31	Workshop on “Embedded Systems and Applications”	1 day	29/04/2006	PDACE,Gulbarga
32	Workshop on “Progress in Renewable Energy Sources”	1 day	12/12/2005	PD CE,Gulbarga
33	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:

- Worked as reviewer for IEEE NKCon 2022 flagship International conference of IEEE north subsection with IEEE Bangalore section and IEEE ITS hosted by BLDEA's Dr. P.G. Halakatti College of Engg. and Technology, Vijaypur during 20/11/2022 to 21/11/2022
- Worked 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.

Shivanand Hirekodi