


Faculty Name	Dr.Vinoda S.	
Designation	Professor	
Educational Qualification	B.E, PDA Engg.College, Gulbarga. M.E, Indian Institute of Science (I.I.Sc), Bangalore, Ph.D., VTU, Belgavi.	
Experience in Years	Total: 28 years (out of which 15 years in KLEIT, Hubballi and 13 years in PDA Engg. College)	
Area of Interest	High voltage Engineering, Lightning studies, Electric drives, power systems, renewable energy systems, Electric vehicles	
E-mail Id	vinoda_shivanand@yahoo.co.in	

Educational, professional qualifications, and trainings					
S.N.	Degree	University/ College	Discipline	Year of Passing	Class obtained
a)	Ph.D	Visvesvaraya Technological University, Belagavi	Electrical and Electronics Engineering	2016	
b)	M.E	Indian Institute of Science (IISc), Bangalore	Electrical Engineering	2005	First Class
c)	B.E	Gulbarga University, Gulbarga.	Electrical and Electronics Engineering	1993	First Class

Employment Information		
a)	Job title	Professor and Head of the department
	Employer	KLE Institute of Technology, Hubballi
	Dates	June2017 to till date
	Responsibilities	Teaching and administrative work.
b)	Job title	Associate Professor and Head of the department
	Employer	KLE Institute of Technology, Hubballi
	Dates	Aug2009 to May2017
	Responsibilities	Teaching and administrative work.
c)	Job title	Selection grade Lecturer
	Employer	H.K.E. Societys' P.D.A. Engineering college, Gulbarga.
	Dates	June 2007 to July2009
	Responsibilities	Teaching.

d)	Job title	Senior Grade Lecturer
	Employer	H.K.E. Societys' P.D.A. Engineering college, Gulbarga.
	Dates	2002to2007
	Responsibilities	Teaching.
	Job title	Lecturer
	Employer	H.K.E. Societys' P.D.A. Engineering college, Gulbarga.
	Dates	1994to2002
	Responsibilities	Teaching.
Any other information		
	Strengths	<ul style="list-style-type: none"> • Good in technical knowledge. • Good in building inter personal relation. • Hard working.
General information		
4.1.	Name	VinodaS.
4.2.	Gender	Female
4.3.	Nationality	Indian
4.4.	Dateof birth	13-03-1972
4.5.	Contactaddress	C/0of Sudha Pattar, PlotNo:7, Sanmarg Nagar, GokulRoad,Hubballi-580030
4.6.	Phone/mobile number	9481538909
4.7.	Email	vinoda_shivanand@yahoo.co.in vinoda_shivanand@kleit.ac.in

Publications:

1. Vishwanath Hegde, **Vinoda Shivanand** “On the Influence of Steel Geometry on the Induced Currents in Steel Reinforced Concrete Building due to a Nearby Lightning Strike to Ground” **IEEE - Trans. On Electromagnetic Compatibility, vol.57, No.3, June 2015, pp 418-424.**
2. Udaya Kumar, Vishwanath Hegde, and **Vinoda Shivanand** “Preliminary Studies on the Characteristics of the Induced Currents in Simple Down Conductors Dueto a Nearby Lightning Strike” **IEEE - Trans. On Electromagnetic Compatibility, vol.48, No.4, November 2006, pp 805-816.**
3. Vishwanath Hegde, **Vinoda Shivanand** “ On the Characteristics of Lightning currents in the Steel reinforced Concrete Building due to a Lightning Strike”, **Proceedings of IEEE APEMC, May 23 -25, 2012, Singapore.**
4. Vishwanath Hegde, **Vinoda Shivanand** “Influence of Steel Geometry on Current Distribution in different parts of Steel Reinforced Concrete Building due to a Direct Lightning” **Proceedings of APL 2015, pp TC10.1-5, June 23 - 27, 2015, Nagoya, Japan.**

5. Vishwanath Hegde, **Vinoda Shivanand** “Evaluation of Electromagnetic Fields inside the Steel Reinforced Concrete Building due to Nearby Lightning Strike to Ground” **Proceedings of IEEE TENCON 2019, October 17-20, Kochi, Kerala, India.pp 1509-1513**, 978-1-7281-1895-6/19/\$31.00_c 2019 IEEE
6. Vishwanath Hegde, **Vinoda Shivanand** “Comparative study on induced currents in steel reinforced concrete building due to a nearby lightning strike to ground and a strike to nearby elevated objects” **American Journal of Electrical and Electronic Engineering, Vol.2, No.1, pp.1-5, January 2014.**
7. **Vinoda Shivanand**, Vishwanath Hegde and UdayaKumar “On the Influence of Neighboring Conducting Objects on the Induced Currents in Simple Down Conductors Due to Nearby Lightning Strike” **Journal of Electric power components and Systems,Vol.40, pp.1533-1544, October 2012.**
8. **Vinoda Shivanand**, Vishwanath Hegde ,UdayaKumar “Effect of nearby conducting objects on the induced currents in simple down conductors due to an indirect lightning”, **Proceedings of Centenary conference of Electrical Engineering, Indian Institute of Science (IISc), Bangalore, India, December 2011.**
9. **Vinoda S.**, Mahadevi.B “An Application of fiber optics to lighting” **National level conference. Pattiyala, 2006.**
- 10.**Vinoda S.**, Mahadevi.B “Electrical Energy conservation in Industries.” **National level conference. Pattiyala, 2006.**
- 11.Mahadevi.B , **Vinoda S.**, Mahadevi.B “Multilevel Inverters.” **National level conference. Pattiyala, 2006.**
12. **Dr.Vinoda S.** and Sarita U. “ **Microcontroller based solar powered seed sowing machine**” ISBN 978-93-6252-039-5
- 13.**Dr.Vinoda S.** and Fatima Kudchi “Review of recent techniques in PD measurements and detection at different AC voltage stresses in HV cables” **ICITEEB 2024 from 03rd July to 4th July 2024** , Chandigarh University, Punjab. Taylor and Francis, CRC press/India
- 14.**Dr.Vinoda S.** and Sujata Bagi “ A Review of Recent Advancements And Future Direction In Emerging Active Power Filtering Techniques For Grid-Connected Photovoltaic Systems” **ICITEEB 2024. 03rd July to 4th July 2024** , Chandigarh University, Punjab. Taylor and Francis, CRC press/India

15.**Dr.Vinoda S**, Vishwanath Hegde and Sarita U. “On the influence of lightning channel inclination on the current in different parts of the steel reinforced building during a direct lightning strike” **IEEE CONIT 2024** held during 20-07-2024 to 22-07-2024. Q3 paper.

Responsibilities:

Department Level

1. Currently Working as professor and Heading the department since August 2009 (fifteen years).
2. Joined the institute as associate professor and head of EEE department in the year 2009.
2. Established the new laboratories in EEE department.
3. **EEE department is recognized as research centre, VTU, Belagavi after my guide ship at VTU, Belagavi.**
4. Under EEE research centre there are 9 research scholars have registered for the Ph.D programme.
4. Currently I am guiding 6 research scholars, who have registerd in EEE research centre, VTU, Belagavi.
4. **The department is accredited by NBA under my leader ship.**
4. Guided more than 30 UG projects.
5. The student’s projects guided by me are recognized by KSCST.
6. Handled critical subjects and gave good results.

College Level

1. Organized National and state level technical fest “advitiya” two times.
2. Chairman of KHUSHI a cultural event.
3. College level in charge of Electrical maintenance.
4. Organized “WIE Flag ship event”, on August 2023 under KLEIT IEEE PES chapter and recived the 30,000/amount from IEEE Bangalore Section.

4. Convener, Faculty Development Program (FDP), KLEIT, Hubballi
5. Advisory committee member for the CONIT conference.
6. Convener, Faculty Development Program (FDP), KLEIT, Hubballi
7. Received the grant of \$150 for high performing IEEE PES chapter from PES Bangalore, for the year 2023-24.
8. Organized the basic **ATAL** faculty development program (FDP) on “Recent Trends and development in Energy storage system for E-mobility” from 09-09-2024 to 14-09-2024, sponsored by AICTE (3.5 Lakhs)

Outside the Institution

- 1. Board of Studies (BoS) member, VTU, Belagavi.**
- 2. Board of Studies (BoS) member, Kishkinda University, Bellary.**
3. Board of Examination (BoE) member, VTU, Belagavi.
4. Doctoral Committee Member, VTU, Belagavi.
- 5. Expert committee member to the scrutiny of application for research supervisor, VTU, Belgavi.**
6. Selection committee member for recruitment of faculty, Kle college of Engineering, Belagavi.
- 7. Technical Advisory committee member, HESCOM, Hubballi.**
8. Judge for technical event – paper presentation contest in ‘Insignia 2016’ National level Technical competition held at SDMCET, Dharwad, on 18-03-2016.
9. Technical session’s chair person for the “National conference on power system engineering NCPSE-2016” held on 02-04-2016 by Electrical and electronics Engineering Department at SDMCET, Dharwad.
10. Technical session’s chair person for the “IEEE international conference NKCON-2022” held on 20th and 21st November 2022 at BLDE, Bijapur.
- 11. Reviewer for Journal, Electrical power components and system, Taylor and Francis and IEEE conferences.**
- 12. Reviewer for the IEEE conference papers.**
- 13. Evaluator for Ph.D thesis.**
- 14. Author of Book chapter.**
- 15. Editorial member for IIP edited book series.**
16. Life Member of ISTE.
- 17. Senior Member of IEEE.**

18. Faculty advisor, IEEE PES Chapter, KLEIT, Hubballi,
19. **Resource person in the FDP on “The Application of AI/ML in power systems and EV”** held during the period 5th to 9th August 2024 at Kishkinda University, Bellary.
20. **Resource person in the basic ATAL FDP on “Recent trends in Renewable Energy and Distributed Generation”** held from 19th to 24th August 2024 at Annasaheb Dange College of Engineering and Technology, ASHTA, Maharashtra.
21. **Resource person in the basic ATAL FDP on “Recent trends and Advances in Energy Storage System for E-Mobility”** held from 09th to 14th September 2024 at KLE institute of Technology, Hubballi, Karnataka.
22. Technical session’s chair person for the “IEEE international conference NKCON-2024” held on 21st and 22th September 2024 at BEC, Bagalkot.