



**Name** : T. Hari Priya  
**Designation** : Assistant Professor  
**Department** : Electrical and Electronics Engineering  
**Mail Id** : haripriya\_t@vnrvjiet.in  
**Experience (in years): Teaching:** 7 years **Research:** 5 yrs **others (If any, Specify):** Nil

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech in KSRM College of Engineering, Sri Venkateswara University	2008	Electrical and Electronics Engineering
2	M.Tech in IIT Roorkee	2010	Power Systems
3	Ph.D in BITS Pilani Hyderabad Campus	Pursuing	Renewable Energy Systems

### 2. Teaching and Learning:

- 2.1 Teaching Interests: Basic Electrical Engineering, Power Systems-I, II, Electrical Machines I, II, Electrical and Electronics Technology, Circuit Theory, Control systems, Power Electronics, Modern Control Theory
- 2.2 Novel Teaching & Learning Techniques adopted: WIT and WILL, POGIL activity, Attended workshops and online lectures; Registered for online courses.
- 2.3 Involvement in curriculum updating / Design: Electrical machines (Handout design in BITS)

### 3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Gardening, Coin collection, Artworks
- 3.2. CCA/ECA Organized: Nil
- 3.3. CCA/ECA participated: Winner and Runner in Badminton, Throwball competitions held at college level
- 3.4. Counseling and Mentoring Activity: Mentored Engineering students in their career planning  
given letter of recommendation to many B.Tech students of BITS for admission into M.S in reputed foreign universities
- 3.5. Committees involved in:
  - Department level:
    - B.Tech Project Coordinator at VNRVJIET
    - Lab-In charge of Electrical Machines Laboratory at BITS
    - Safety committee member at BITS
    - Library Committee member representing department
    - Practice School-1(internship) coordinator for three times at BITS
    - Conducted BITSAT exam online at Vijayawada center

### 4. Conference / Workshop / Seminar / Guest Lectures:

#### 4.1 Conducted:

- Worked as one of the organizing committee member for the workshop on “**Advances in Image processing and applications**” held in BITS Pilani, Hyderabad campus.

#### 4.2 Attended:

- Attended Workshop on “**Emerging trends in power electronics and power systems**”, held at VNRVJIET on **16-05-2016** to 20-05-2016.
- Participated in IEEE 7th Power India International Conference (PIICON 2016)”, held at Govt. College of Engineering, Bikaner on 25-27 Nov, 2016.
- Attended Workshop on “New and emergent pedagogies for 21st century engineers”, held at VNRVJIET, on 18-05-2016,19-05-2016.
- Participated in “IEEE International Conference on Circuit, Power and Computing Technologies-2016”, held at Noorul Islam University, KanyaKumari on 18-19 March 2016.
- Participated in a Tutorial on “Recent Advances in Power Electronics and Electric Drives” During IEEE PrimeAsia 2013 held on 19th Dec 2013.
- Attended Workshop on “Recent Trends in Power Electronics and Renewable Energy source (WPERS 2014)”, Hyderabad, 27-29 Jan, 2014.
- Attended a national symposium on “Micro Grids: Laboratory to Real Market”’s held in Hyderabad, Jan 2013.
- Attended workshop on Labview conducted by WILP division from 5th to 7th Feb 2015 in BITS Pilani Hyderabad Campus.
- Attended a training program on PSCAD power system software held in my department from 6-7 April 2015 in BITS Pilani, Hyderabad Campus.
- Attended a work shop on “Advances in Image processing and applications” held in BITS Pilani, Hyderabad Campus.
- Attended workshop on research methodologies held in BITS Pilani, Hyderabad Campus
- Attended Guest lecture by Dr. Nandita Pathak on “Women Empowerment And Rural Development” held in BITS Pilani, Hyderabad Campus.
- Attended Guest lecture by Prof. T.K.V. Iyengar on “Some Simple Ideas in Mathematics with Exciting Implications” on 5th Feb 2013 in BITS Pilani, Hyderabad Campus.
- Attended guest lecture Dr Usha Rama on “Tools and Techniques of Technical Communication” Oct 1, 2013 in BITS Pilani, Hyderabad Campus.
- Attended guest lecture by Dr. Pralay K Santra on “Minimizing Recombination in Quantum Dot Solar Cells” August 27, 2015 in BITS Pilani, Hyderabad Campus.
- A few other guest lecturers attended at BITS Pilani Hyderabad Campus and IIT Roorkee

## **5. Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: Guided 16 B.Tech projects

b) PG: Guided 2

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
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1	Nil	Nil	Nil	Nil	Nil

### 5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Design of Adaptive Perturb and Observe –Fuzzy MPPT Controller for High Voltage Gain Multi Level Boost Converter	IEEE 7 <sup>th</sup> Power India International Conference	International	25-27 Nov, 2016
2	Performance Analyses of PMSG based WECS using Hybrid Controller in DC Grid Connected Applications	International Conference on Power, Circuit and Information Technologies	International	27-29, April 2017
3	Development of a Hybrid Controller for Photovoltaic Based DC-DC Boost Converter in DC Grid Connected Applications	IEEE International Conference on Circuit, Power and Computing Technologies	International	18th - 19th March 2016
4	Performance Evaluation of High Voltage Gain Boost Converters for DC Grid Integration	IEEE International Conference on Circuit, Power and Computing Technologies	International	18th and 19th March 2016
5	Performance Evaluation of DC Grid Connected Solar PV System for Hybrid Control of DC-DC Boost Converter	IEEE 10th International Conference on Intelligent Systems and Control	International	Jan-7, 8 2016
6	GIS based Transmission System Planning	IEEE sponsored International Conference on Computation of Power, Energy, Information and Communication	International	April 22-23 2015
7	DC–DC Boost Converter Simulation for High voltage DC Applications	IEEE sponsored International Conference on Computation of Power, Energy, Information and Communication	International	April 22-23 2015
8	Modeling of DC–DC Boost Converter using Fuzzy Logic Controller for Solar Energy System	IEEE Prime Asia	International	Dec 19-21, 2013

9	Transmission Expansion Planning in Deregulated Environment	International Conference on Recent Trends in Engineering and Technology (ICRTET 2013)	International	March 15-16, 2013
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5.9. Sponsored research Projects: NIL

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1.	Nil	Nil	Nil	Nil	Nil

#### 6. Awards / Honors received:

1. Won Best paper award(silver leaf certificate) for a conference publication on Dec 20, 2013
2. Secured 153<sup>rd</sup> rank in GATE 2007 examination with an aggregate percentile of 99.05%.
3. School Topper in Board of Secondary Examination and stood second in the district.
4. Got Selected for Pratibha Scholar Ship Program for good academic performance in Board of Secondary Examination.
5. Played badminton tournaments at college level.

#### 7. Motto: Hard work Never Fails