

U.Vijaya Laxmi

Areas of Interest: Power Systems, Intelligent control, Sensor Terminology, Raspberry Pi, IoT

Education

- M.Tech, GRIET, JNT University, Hyderabad
- B. Tech, Tirumala Engineering College, JNT University, Hyderabad

Academic/Industrial Experience

1. Assistant Professor, Electrical and Electronics Engineering, Gokaraju Rangaraju Institute of Engineering and Technology
2008-Till date

Selected Publications

- U.Vijaya Lakshmi, **P.Srividya Devi** "Sensors and its Applications in Academia for effective learning by doing (LBD)" International Journal of Scientific Research and Review Volume 7 issue 2 pp 206-216, ISSN NO: 2279-543X UGC APPROVED JOURNAL Serial No. 64650 Feb 2018.
- U.Vijaya Lakshmi, **P.Srividya Devi** "Sensors and its Smart applications" International Journal of Scientific Engineering and Research Volume 5 issue 4 April 2017.
- **U,Vijaya Lakshmi**, E.Satish Reddy "Step Up Dc – Dc Converter Using Active Clamp Flyback, Boost Converter and Vdr With Control Strategies " International Journal Of Research In Engineering And Technology Volume 03 Issue 01 August-2015.
- Sowjanya, **U.Vijaya Lakshmi** "Design and Implementation of High Efficiency Bidirectional DC-DC Converter" Vol.05, Issue.46 November-2016.

Workshops Conducted/Attended

- A Two-day workshop on Introduction to Machine learning conducted by IIT Kharagpur from 16th Dec to 17th Dec 2017, attended at remote center, GRIET, Hyderabad
- A One-day Microsoft Education Workshop on Flip Your Class conducted by Microsoft on 7th December 2017 at Gachibowli, Hyderabad.
- A Three-day workshop on Smart Homes Measurements Grids using IoT conducted by GRIET from 10th to 12th October 2017
- A Two-week ISTE STTP workshop on Electrical Power System conducted by IIT Kharagpur from 12th June to 15th July 2017, attended at remote center, GRIET, Hyderabad
- A Two-week FDP on Open Source Software through TEL by spoken tutorials from 06th Sep to 17th Sep 2016, attended at remote center, GRIET, Hyderabad.
- A Four-week FDP on Use of ICT in Education for Online and Blended learning conducted by IIT Bombay from May 2nd to July 10th, 2016, attended at remote center, GRIET, Hyderabad.
- A Two-week ISTE STTP workshop on Technical Communication conducted by IIT Bombay from 8th October to 5th December 2015, attended at remote center, GRIET, Hyderabad.
- Faculty Development Programme on "Guide to a Passionate Teacher" ,29th June to 4th July 2015. GRIET Hyderabad
- As a Teaching Assistant attended Two-Week Main Workshop on Control Systems conducted by IIT Kharagpur under NMEICT, 2- 12 December 2014, GRIET, Hyderabad.
- Two-week workshop on Signals and Systems, National Mission on Education through ICT (MHRD, Govt of India, Jan 2nd, 2014 to Jan 12th, 2014, IIT Kharagpur attended at remote center, GRIET, Hyderabad.
- Two-week Workshop on Analog Electronics, National Mission on Education through ICT (MHRD, Govt. of India), June 4th, 2013 to June 14th, 2013.

- One-day workshop on “SMART GRID TECHNOLOGY” on 9th Feb 2013 conducted by EEE Dept GRIET, Hyderabad.
- A Two-day ISTE workshop conducted by IIT BOMBAY organized at GRIET, Hyderabad on “AAKASH for Education”, 10th, 11th November 2012.