

About KSV

Kadi Sarva Vishwavidyalaya is a University established vide Gujarat State Act 21 of 2007 in May 2007 and approved by UGC. The University has been setup by Sarva Vidyalaya Kelavani Mandal, a trust with 99 years of philanthropic existence to provide need based education and develop courses of contemporary relevance, to be a University of excellence by providing research & skill based activities and training which would foster higher economic growth and to provide education to all irrespective of caste, creed, religion etc.

About LDRP ITR

LDRP INSTITUTE OF TECHNOLOGY AND RESEARCH (LDRP-ITR), Gandhinagar was established in 2005-2006. The college has made steady progress during the past twelve years of its existence. As a prestigious state institute, LDRP-ITR has long recognized role in engineering education, generation and dissemination of useful & relevant technological, industrial & economical development of the country. The institute has contributed in the application of science & technology in the service of the society through different programs of International aid & assistance. The institute has all along endeavored to discharge its obligations successfully with the efforts of its faculty expertise & well developed world class facilities.

About Departments

Electrical and Electronics & Communication Engineering Department was established in year 2005-2006 with an aim to develop good technical and interactive skills in students so that they can serve to the society. The department has state of art machine lab, microprocessor & computer lab, measurement lab, power electronics lab, high voltage engineering lab, power system protection lab ,Digital Signal Processing lab ,Embedded System lab,and power system lab. Microprocessor & Computer laboratory is having various soft-wares namely LabVIEW,MATLAB, MiPower, Code Composer Studio. The laboratory also contains no. of 8051 controller modules, interfacing modules, PLC trainer module & eZdsp2812 development boards

About Programme

Program is aimed at providing platform for academic researchers, industrial engineers and research scholars to discuss green energy and problems related pollution with the solution. At the same time it can benefit students of post graduate course in the field of Electronics and communication engg. And electrical engg.to develop paradigm in the research of the field of Renewable energy sources.

Programme Objectives

The Objective of this STTP is to explore various development of renewable energy and importance of this energy to mitigate such problems related to conventional energy sources.

Course Contents

- Importance of renewable energy sources.
- Different types of renewable energy sources with their limitations.
- FACTS devices and its application in power system.
- Multilevel Inverter for solar application.
- Multi control of grid connected solar inverter.
- Real time application in renewable energy system.
- Advanced concepts of Solar Power Plants.
- Standalone solar power generation system.
- Grid connected PV power generation system with latest technology.
- Latest technologies of Net metering concepts
- Advanced technologies of Wind Power generation system.
- Hybrid power energy system with standalone and grid connected applications.
- DC Microgrid and its application.
- Industrial Visit.

Resource Persons

Renowned experts from Industry and Academia are expected to cover-up the course contents.

Important Dates

Last date for receiving the duly signed filled-in Application: 1st June 2018

Registration Fees

Research Scholar	RS.1000
Academic Institutions/Government Organization/ R & D Organization	RS.1200
Industry Person	RS. 1500