



VAAGDEVI COLLEGE OF ENGINEERING

Affiliated to JNTUHyderabad

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One week FDP on Solar Grid Integration Issues in Microgrids

Electrical & Electronics Engineering Department has organized a One week FDP on “**Solar Grid Integration Issues in Microgrids**” dated 08-02-2017 to 09-02-2017 by Mr. P. Sadanandam and P Purnachander Rao for Faculty of the college and other AICTE approved colleges. Dr. T. Vinay Kumar has given a lecture series and demonstration on various Solar Grid Integration Issues in Microgrids. No of Participants Faculty Participants: 48

The programme is started with welcome note by the Principal Dr. K. Prakash followed by the lecture session.

During this workshop the following points were discussed:


- Various issues in solar grid integration.
- Specifications of Microgrids and their operation.
- Various PV standalone systems studies.
- Need of various converter configurations.
- Closed loop control of Solar MPPT algorithms.

The **objectives** of the program are:

- Various MPPT techniques to achieve maximum efficiency.
- Various converter topologies involved in Microgrids.
- Issues involved in grid integration of these Solar source to Microgrids without any issues.

Outcomes of the programme:

- Gained knowledge on various techniques for MPPT.
- Microgrid integration issues.


Head of the Department
Head of the Department
ELECTRICAL & ELECTRONICS ENGINEERING
Vaagdevi College of Engineering,
Bollikunta, Warangal (U) T.S. 506005