

**VINAYAKA MISSION'S RESEARCH FOUNDATION
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SEMINAR ON DESIGN AND MODELLING OF WIND AND SOLAR SYSTEMS
AND ITS CHALLENGES**



The Department of EEE organised a Seminar on **“DESIGN AND MODELLING OF WIND AND SOLAR SYSTEMS AND ITS CHALLENGES”** on **16th October 2018** in **Digital Hall -II**. Prof. L.Chitra, HoD / EEE, delivered a welcome address.

Mr.K.Boopathi, Additional Director & Head, National Institute of Wind Energy Live Wire was the Chief guest. He started his presentation with the recent trends in renewable energy sources, types of energy. He discussed about the instruments for measuring wind speed, data logger, transmitting devices, remote sensing, SODAR, LIDAR. He further added about the fundamentals of wind power generation, wind turbine growth its size , power and cost, components of wind turbine, wind turbine generator types. He also showed the comparison between turbines, design concepts, design methodology, controller algorithm and safety system design. About 60 students of EEE and Mechatronics attended the program. Mr.K.Boopathy , Associate Professor , Dept of EEE, AVIT proposed the vote of thanks.