

2-day Workshop on Green Energy " in Collaboration with AMALGAM, IIT MADRAS & ARK Technosolutions,Mumbai. On 12th &13th February, 2016 at LBRCE organized by Dept. of EEE

A two day workshop on green energy was organised by Dept of E.E.E. under Green Energy Technology Centre from 12.02.16 to 13.02.16 for B.Tech. students. Nearly 140 students from various colleges have attended the workshop. Mr.Manan Mehta Sr.Research Engineer from ARK Technosolutions ,Mumbai acted as the resource person for the workshop. HOD of EEE , Dr.M.Umavani welcomed the participants and explained about the Jawaharlal Nehru Solar Mission launched by former Prime Minister of India Dr. Manmohan Singh as an initiative of Ministry of New and Renewable Energy. In addition Dr.M. Umavani explained about the ambitious target of inter connecting 20,000 MW of Solar Power by 2022 set by the MNRE and also outlined the initiatives taken up by the MNRE in tune with the 'Make in India' programme launched by the present Prime Minister Mr Narendra Modi to achieve the set goals. While inaugurating the workshop honourable director of LBRCE , Dr. E.V. Prasad narrated the importance and outcomes of Green Energy.

To felicitate students learn contents beyond the syllabus two advanced labs are established in the department ,GETC and E-Yantra .Under these labs workshops, seminars and competitions are being conducted regularly for the student community to give them exposure to the latest technologies in the said areas and also providing necessary skillset for entrepreneurship initiatives by the students.





On day-1 students learnt how to generate electricity from solar energy using the kits provided to them and use it for charging mobiles. On the second day of the workshop students have practiced how to identify the intensity of solar light and tap it using tracking system. Students have practiced how to auto rotate solar plate using servo motor by designing required hardware and software . From this two day workshop ,students have practically learnt to produce power using sun light and gained required technical training for designing a complete solar PV system for household application. A competition was conducted at the end and two teams were selected from EEE dept of LBRCE for further rounds to be conducted at IIT ,Chennai.

In the valedictory session director of LBRCE, Dr. E.V. Prasad and HOD of EEE , Dr. M.Uma vani presented the certificates to the participants and felicitated the resource person with a memento. President of LBRCE ,Mr. G. Srinivasa Reddy ,Principal Dr. NRM Reddy and Infrastructure director Sri Timma Reddy appreciated the winners of the competition. Mr.Sudheer Kumar .K and Mr. Sreehari.P worked as coordinators for the workshop.