

2. EVENT NAME: “Workshop on PEER (Performance Excellence in Electricity Renewal)”

AIM OF EVENT:

The aim of the seminar was to give the students an idea of the power sector of our country. It also emphasized on adopting energy saving measures and the use of renewable energy.

PARTICIPATION: Students and faculties of EEE, ECE and Biotechnology

DEPARTMENT: EEE, ECE, Biotech

DATE: 25th July 2018

VENUE: Smart Classroom(C-214)

ORGANISED BY: ECE Dept

SPEAKER: Vamsi Raj M, Technical Specialist, GBCI (Green Business Certification Institute)

FACULTY COORDINATORS: Dr. Priti Singh, Dr. Karamjit Kaur

OUTCOMES RELATED TO ACADEMICA CONNECT

India's power sector is one of the most diversified in the world. Sources of power generation range from conventional sources such as coal, lignite, natural gas, oil, hydro and nuclear power to viable non-conventional sources such as wind, solar, and agricultural and domestic waste. The power generation in the renewable sector is just 20% of the entire power generation of the country (71.325 GW). The duration of interruption of power in our country can be reduced by depending on renewable energy sources rather than the conventional energy sources. The different energy saving techniques being mentioned as well as the smart grid concept presented a large scope of research work for persons working in the field of Green energy. This may be taken as the subject of UG, PG dissertations where persons working on the field may assist.

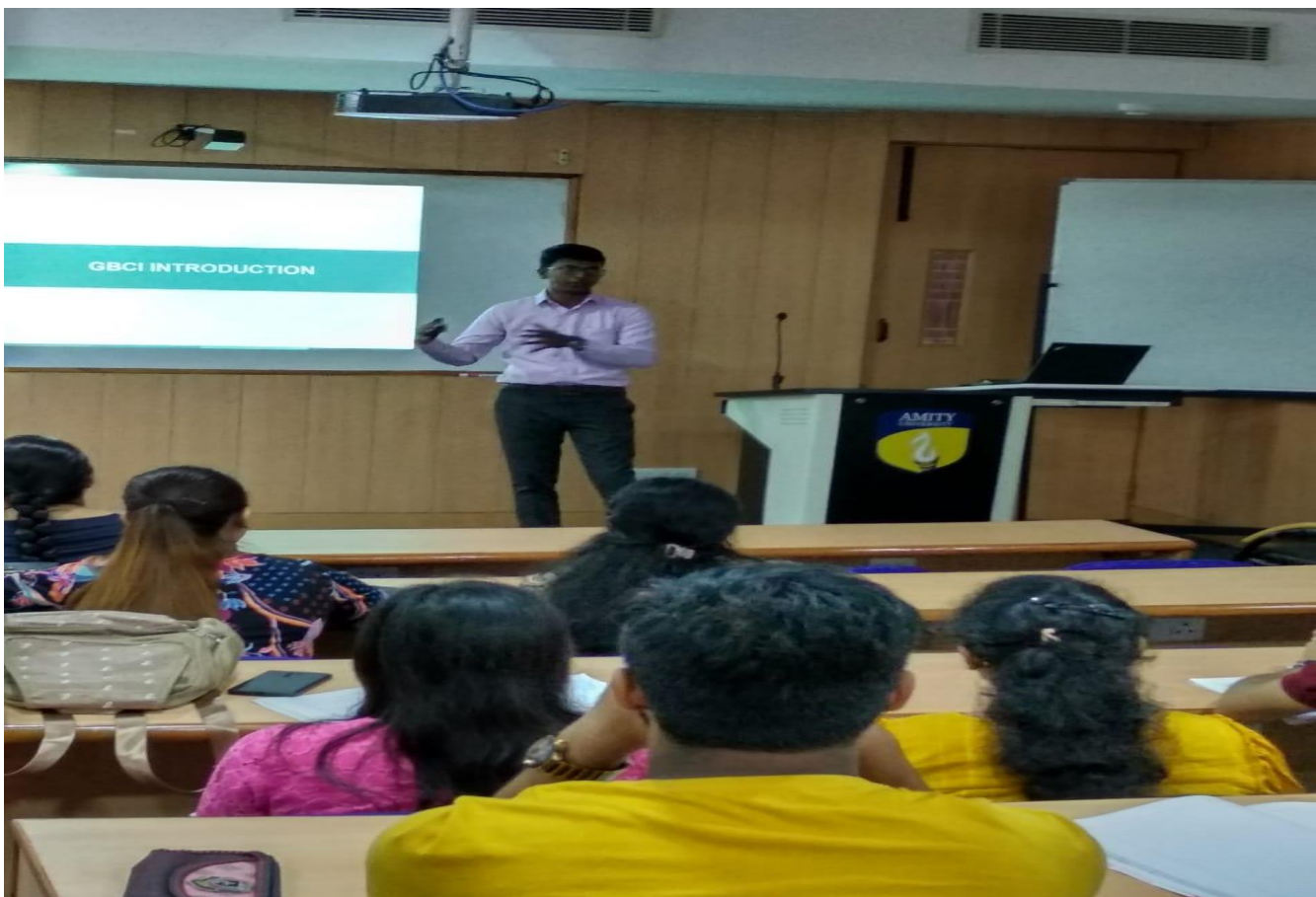
OUTCOME RELATED TO INDUSTRY CONNECT

Newer renewable electricity sources are projected to grow massively by nearer term 2022 targets, including a more than doubling of India's large wind power capacity and an almost 15 fold increase in solar power. The speaker as well as Technical persons of GBCI has expressed their desire to work with the students as consultants for various project evaluations so as to quantify the measures adopted for energy saving with focus on adoption of renewal energy.

OUTCOME RELATED TO STUDENT LEARNING AND GROOMING

The students were able to learn the different rating systems used in India for adaptation of renewable energy measures while designing the buildings. The criteria for the same may be explored to identify the prospective fields of research by UG, PG students. The reliability and resilience of using renewable energy was explained. Students were also given knowledge regarding the different Government initiatives to up bring the renewable sector in India.

GLIMPSES OF THE EVENTS





List of the students if any

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