



## VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

### Brief Report on “Recent Trends In Renewable Energy Application & Research” dated 16/02/2018 & 17/02/2018

Name of Department/Organizer	:	Electrical Engineering Department ( under IEI student chapter )
Date & Time	:	16/02/2018 and 17/02/2018 & 10:00 to 05:00 PM
Venue	:	BaikakaBhawan, Institution of Engineers (India)
No of Participants	:	125

- **Objective of the Event**

The event was mainly organized to conduct a seminar on **Recent Trends In Renewable Energy Application & Research** for Student committee members of IEI student chapter to discuss the current trends and future prospects in renewable energy resources. Technical papers related to this topic are invited for presentation in different session in seminar. The event was based on the demands for Energy Conservation & Management. In the event, the main focus was on leveraging renewable energy for electrical needs of the growing world population in general and Indian population in particular. The speakers at the event also gave emphasis on the renewable energy research & applications for industries.

- **Outcome of the Event**

The student committee members were informed about the role of renewable energy resources in the development of the sustainable future. Also the speakers discussed about activities which are taken under the govt. initiatives to develop the technical advances in renewable energy resources which include solar power utilization, tidal power, bio-energy ,wind energy, ocean energy etc. The discussion was made about the present trends as well as the future prospects of these resources in the generation of power. The career as well as the entrepreneurial opportunities in these fields were also discussed in the session so that it can be helpful for the BE Electrical Engineering students for their future growth. Our conventional sources are limited so speaker gives more waitage to use renewable sources to meet the increasing demand due to world population. so students are motivated to work on renewable sources in future.

The speakers at the event very passionately discussed about the application of renewable energy in the agriculture sector, smart city infrastructure, vehicular technology, power electronics and industrial applications. The technological advances required for more efficient power generation using renewable energy resources in future were also discussed.

- **Event Photographs**

