

National Seminar on Recent Trends in Energy Systems

Date: 19-04-2019, Venue – ABB 01

One day national seminar on ‘Recent Trends in Energy Systems’ was held during 19 April 2019, and organized by Department of Energy Engineering, School of Engineering and Technology (SET), Mody University of Science and Technology Lakshmangarh, Sikar. The seminar was conducted with association and sponsorship of the Institution of Engineering and Technology (IET), UK and CSI Lakshmangarh Chapter.

The Seminar was inaugurated by Prof. S. L. Soni, Director, NIT, Uttarakhad. During the inauguration, Prof. V. K. Jain, Dean, SET, welcomed the Chief Guest, Prof. S. L. Soni, Director, NIT, Uttarakhad with bouquet facilitation. The inauguration was also attended by special guest, Prof. K. S. Sangwan, Professor, BITS Pilani, Prof. Manoj Soni, Associate Professor, BITS Pilani and Prof. Rohit Bhakar, Associate Professor, MNIT Jaipur. While addressing, Prof. V. K. Jain provided brief information about SET, Mody University and informed that such kind of seminars would be helpful for students and faculties to know about the trends in recent technologies. Prof. V. K. Jain also informed that the CSE and ECE department of SET are now ABET accredited and the process of NBA, IET and NAAC accreditation has been started already.

During the seminar, Prof. S. L. Soni presented an expert talk on energy conversion and its management. He discussed the ways to utilize energy for I C engine in productive manner. He also provided an insight on utilizing waste energy from the engines for different applications. The second talk of the seminar was given by Prof. Manoj Soni, in which he discussed recent trends, issues and challenges of renewable energy. He explained the recent advancement and challenges in renewable energy by giving an example of normal PV plant and concentrators. The brief discussion on design and installation of solar energy system was highly appreciated by the students.

The third expert talk was delivered by Prof. K. S. Sangwan in which he provided information about sustainability development from different resources. He informed that how sustainable development would be carried out in day to day resources. Further he gave an example of energy and time saving using Lathe machine, Drill Machine, Shaper Machine, etc. The last expert talk of the seminar was delivered by Prof. Rohit Bhakar in which he presented power

system operations with uncertainty management in smart grids. He discussed transmission losses occurring in the power grids and how to save them. During the end of presentation he provided a brief insight on uncertainty management within the smart grid systems.

In the end, the seminar was concluded by Dr. Sanjeev Jakhar (Coordinator) and Mr. Atul Kumar (Co- Coordinator) by giving vote of thanks to the invitee experts and participants. The seminar was attended by a total of 180 participants including students and faculty who appreciated the expert talk on different areas of energy.





