

Report

National Conference “Emerging Trends in Non-Conventional Energy Resources”

(ETNCER-16)

Organized on October 22, 2016 at Integral University, Lucknow

The First National Conference titled “**Emerging Trends in Non-Conventional Energy Resources ETNCER-16**” was organized by the Department of Electronics and Communication, Physics & Electrical Engineering on **October 22, 2016** at Integral University, Lucknow. This was a one day National Conference and was technically/financially supported by **IEEE UP Section, WIE IEEE Affinity Group, UP-NEDA , SEEM , ISTE and UPCST**. The Conference was well attended by eminent academicians, faculty members & students from various Universities and educational institutions from different parts of the country & representatives of government bodies and industries.

The conference started with the welcome address by **Prof. S. Hasan Saeed**, Convener ETNCER-16, and HoD ECE, wherein he briefed about Integral University and achievements of Integral University in the fields of research & technology.

Chief Guest, Pro Vice-Chancellor Prof. T. Usmani addressed the audience by providing an insight to the fact that in future Non-conventional energy resources are going to be very vital.

The Conference Souvenir was released by Hon’ble Pro Vice Chancellor and all the dignitaries on the dice.

The Technical Session started with the keynote addresses by eminent speakers **Dr. Usha Bajpai, Professor at Center of Excellence in Renewable Energy Education and Research, University of Lucknow, Lucknow & Dr. Syed Naseem Ahmad, Professor, Department of ECE, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi**.

Dr. Usha Bajpai discussed in her key note address about the sustained reliable power generation as key to nation’s growth. She also discussed about solar energy and its physical significance.

Dr. Syed Naseem Ahmad delivered the concept and idea on the latest research, technology, innovation and commercial aspects related to renewable energy sources.

The Conference theme played around the following research areas: Renewable energy systems, Integration energy management, Policy & Economics, Materials for non-conventional energy applications and Nano materials for energy production.

Four parallel tracks were held in which a total of 60 papers were presented. The presentation were reviewed by panel of session chairs **Dr. Suresh Bajpai, Director FIETE, Lucknow, Dr. N.R.Kidwai, Dean JIT, Barabanki, Dr. Mohd. Tariq MBP Govt. College, Gorakhpur, Dr. Isht Vibhu, HoD, Physics YDPG College, Lakhimpur, Dr. Puneet Mishra, Deptt. Of Computer Science, Lucknow University, Lucknow, Dr. Mahendra Agnihotri, Deptt. of Physics, Lucknow University, Lucknow, Dr. Mohd. Tariq,MBP Govt. college, Lucknow, Dr. P. K. Bharti, HoD, ME, Integral University, Lucknow.** The authors were queried both by the experts as well as the audience. Sessions best papers were selected by the session chairs. During the **Valedictory Program** conducted in the evening, the **Chief Guest Prof. M. Abdel Wahab, Department of Engineering Science, Suez University, Egypt**, congratulated the University and the Management on organizing a national conference on a contemporarily relevant theme and offered his respective organizations help and support in organizing such programs in the future too. **Dr. Imitiyaz Ashraf, Prof. AMU, Aligarh** was also a **Guest of Honor** on the occasion.

A few participants who gave their feedback on the conference praised the department for hosting its first ever conference in such an impeccable manner and said that they were overwhelmed by the hospitality offered by the organizers.

On behalf of the departments of ECE, EE & Physics, **Dr. Mounawer Alam, HoD EE**, delivered Vote of thanks. He thanked all the sponsors, advertisers, delegates, representatives from the media and the faculty and student for their magnanimous support and assured that university will organize more such activities in the future. That concludes a remarkable, memorable, knowledgeable conference ETNCER-16. The Conference Souvenir CD was released by the Chief Guest on the occasion and the certificates to the participants too were given away.

After the valedictory program, high tea was served and the conference came to an end, leaving fond memories in the minds of the guests and delegates and great sense of satisfaction and accomplishment in all members of the faculty and staff and student volunteers who were associated with its preparation and organization over a period of three months.