

National Conference
on
Emerging Trends in Mechanical & Electrical Engineering
(NCETMEE-12)

A joint National conference was organized by Mechanical Engineering & Electrical Engineering Department during the period 12/6/2012-13/6/2012. The theme of the conference was “Emerging Trends in Mechanical & Electrical Engineering.

The main objectives of the conference was to provide a platform to exchange information of concerning fields and subjects of interest among difference group of research scholars and entrepreneurs .The conference had witnessed the presence of eminent speakers from academic institution and industries. Researchers from academia as well as expert from industries submitted their original unpublished research papers in the following areas:

- Advances in power generation technology
- Renewable energy & Technology
- Energy policy
- Power quality Management
- Protection System
- Advances in Battery Technology
- GIS Based Modelling
- Power Electronic Application
- Electric Traction
- CAD/CAM/CIM/FEM
- Automation & Robotics
- Fluid Dynamics
- TQM/Six Sigma/WCM
- HVAC
- Optimization Techniques
- Composites /Ceramics/Polymers
- Advance Manufacturing Processes
- Simulation in I.C Engines
- Advanced Mechanical Design
- Alternatives Fuels in I.C Engines
- Material Characterization

The proceedings of the conference is summarized below:

Sponsoring Agencies : HINDALCO INDUSTRIES LTD.

PATRON : Prof. S.W Akhtar ,VC, Integral University, Lucknow(U.P)

Resource Persons : Prof.M.Wasi Khan
Prof.M.M Khan
Prof.A.Chandra

Details of technical sessions :

Session : **Technical Session-I**

Time : 12:00 to 13:00 & 14:00 to 16:30

Date & Day : 12.06.2012, Tuesday

Venue : LT-8 (Main Building)

Chair Person : Prof. S. M. Iqbal
Prof. (Dr.) M. I. Khan

Keynote Address : Prof. M.Wasi Khan

Total No. of Papers : 26

Total No. of Participants : 70

Session : **Technical Session I**

Time : 12.00 noon to 04.30 p.m.

Date & Day : **12-06-2012**(Tuesday)

Venue : NLT-5

Chair Person : **Dr. Deependra Singh, Registrar, KNIT Sultanpur.**
Prof A.A.Zilli, Dean (Engg.), IU,Lucknow.

Keynote Address : **Mr. M.M.Khan, Ex. GM (HINDALCO, Renusagar Power)**

Total No. of Papers : 18

Total No. of Participants : 30

Session : **Technical Session-II**

Time : 9:30 to 10:30 & 11:00 to 13:00

Date & Day : 13.06.2012, Wednesday

Venue : LT-8 (Main Building)

Chair Person : Prof.T. Usmani

Prof.A. A.Zilli

Keynote Address : Prof. Md. Imran Aziz

Total No. of Papers : 29

Total No. of Participants : 82

Session : **Technical Session II**

Time : 9.30 a.m. to 01.00 p.m.

Date & Day : **13-06-2012**(Wednesday)

Venue : NLT-5

Chair Person : **Prof. Mohibullah, Ex. Chairman, EED, AMU
Aligarh.**

Prof. M .I.Khan, Ex.Dean (Engg.), IU, Lucknow

Keynote Address : **Prof.A.Chandra, Ex. Head, CES, IITD.**
Total No. of Papers : 13
Total No. of Participants : 20