

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt.Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)
DEPARTMENT ELECTRICAL ENGINEERING

Event Report

Expert Lecture Topic: **Techno Legal Aspects of Electrical Energy Generation, Transmission & Distribution**

Name of Expert: **Er. S.S. Mujalde**, Chief Engineer (Testing), MPEB

Date: **22.02.18**

Major Objectives of the Event:

An expert lecture on “Techno Legal Aspects of Electrical Energy Generation, Transmission & Distribution” was conducted to provide brief introduction to the participants regarding:

- Different technologies available for efficient generation, transmission and distribution.
- Energy security and environmental considerations
- Availability of Power - Energy and peaking shortages to be overcome and adequate spinning reserve to be available.
- Supply of Reliable and Quality Power of specified standards in an efficient manner and at reasonable rates.
- Per capita availability of electricity
- Minimum lifeline consumption of 1 unit/household/day
- Financial Turnaround and Commercial Viability of Electricity Sector
- Protection of consumers’ interests

Salient points of discussion:

The speaker discussed about the technical and legal aspects of generation, transmission and distribution. Major key points/highlights of the expert lecture are summarized below:

The policy seeks to address the following issues:

- Rural Electrification
- Generation
- Transmission
- Distribution
- Recovery of Cost of services & Targetted Subsidies.

- Technology Development and Research and Development (R&D)
- Competition aimed at Consumer Benefits
- Financing Power Sector Programmes Including Private Sector Participation.
- Energy Conservation
- Environmental Issues
- Training and Human Resource Development
- Cogeneration and Non-Conventional Energy Sources
- Protection of Consumer interests and Quality Standards

Total 55 students attended the event.



Prof. Ashish Patra
(Coordinator)