



LECTURE SERIES ON "ENERGY AUDIT"

Organized by:

Department of Electrical
Engineering
IET, Lucknow

(Content beyond course initiative)

Speaker: **Er. Girish Kumar**

Co-ordinator:

Prof. Seethalekshmi K
Dr. Nitin Anand Shrivastava
Dr. Anurag Verma

ABOUT SPEAKER

Qualifications: B.Sc. Chemical Technology, H.B.T.I. Kanpur, 1975

Post Graduate Course: Fuel Efficiency Engineering, TIPIE, Madras (N.P.C.) 1976 – 1978

Certified Energy Auditor 2013

Experience in the field of Energy efficiency Amar Dye Chem Ltd., Shahad, Maharashtra, as Engineer Technical Services 1978 – Feb.1983

2. Rohit Paper Mills Ltd. Khadki, Gujrat as Energy Audit and Conservation Engineer March 1983 – May 1983

3. NEDA (UP Govt.), Lucknow, as Senior Project Officer (Specialist Energy Efficiency) May 1983 – Dec. 2000,

4. Department of Energy, Government of Botswana as Head Energy Efficiency Dec. 2000 – Nov. 2012

5. Empanelled with PCRA for Energy Efficiency Programs,

6. Empanelled with CEIL for External Safety Audit and ERDMP,

7. Empanelled with Katyani Energy for Energy Audit of Industries

MODULE-1 (ENERGY RELATED)

DAY- 1 Saturday (09/10/2021)	11:30 AM - 01:00 PM	Introduction- Power Sector and Energy Scenario
	01:30 PM - 03:00 PM	Energy Audit and Case Study Related to Energy Audit

MODULE-2 (DEMAND SIDE MANAGEMENT)

DAY- 2 Saturday (13/11/2021)	11:30 AM - 01:00 PM	DSM Fundamentals, Planning, Implementation and application
	01:30 PM - 03:00 PM	National and International Experiences with DSM, Government Initiatives

MODULE-3 (ENERGY MONITORING & TARGETTING)

DAY- 3 Saturday (20/11/2021)	11:30 AM - 01:00 PM	Introduction to Energy Monitoring & Targetting and its Elements, How Energy is Monitored?
	01:30 PM - 03:00 PM	Energy Management & Information Systems in Building: A Case Study

MODULE-4 (SYSTEM AUDIT OF MECHANICAL UTILITIES)

DAY- 4 Saturday (27/11/2021)	11:30 AM - 01:00 PM	Pumps: Types and Performance Assessment, Energy Audit
	01:30 PM - 03:00 PM	Energy Efficient Devices, Life Cycle Assessment, Energy Savings, Payback Calculations





