



One Day Seminar

on

*“Energy Conservation through Energy Integrity - Strategy
vis-a-vis Challenges on Resources & Affordability”*

Date: 1st February, 2020 (Saturday) Venue: SIT Lab NPTI ER/ Durgapur

PROGRAM SCHEDULE

0900-09.45	Registration	At SIT Hall NPTI-ER
0945 -1015 Hrs.	INAGURAL SESSION	
1000-1015 Hrs.	Welcome /Program briefing/Vote of Thanks – Hon. Chairman IEI(DLC), Director IC NPTI(ER), Hon. Secretary, EC Members, Program Secretary, Delegates & other dignitaries of NPTI& IEI – Durgapur Chapter	
1015-1030	High Tea break	
SESSION – 1, 2 & 3 : Energy conservation opportunity from the perspective of energy resources and end use optimization ; Energy storage and resources management		
1030-1130	“Energy Conservation and Energy Integration – Present need and future Challenges” By Dr. H. S. Sarkar , Prof & Principal Calcutta Institute of Technology, Howrah -711316; Ex. Chief Scientist, WBPCB, Ex. Head , Environment Management Dept, D.P. Ltd, Ex. Consultant Essar Energy Ltd, CBM Project	
1130 - 1230	“Prospects of Fuel Cells and its Comparative analysis with conventional Batteries” By Dr. Sudip Ghosh , Prof. of Mechanical Engineering Department , IEST , Sibpur Howrah.	
12.30 – 13.30	"Flexibilisation of Thermal Power Generation for Renewable Energy Integration in Grid and Energy Resource planning challenges" By Mr. Sanjoy Kumar Ghosh , Dy. Chief Engineer (Mech.), DSTPS. Damodar Valley Corporation	
1330-1430	Lunch Break	
SESSION-4 & 5: Water – Energy Nexus : breaking the bond to sustainability Industrial Waste and pollution control; Scope of RE sources in meeting grid power integrity challenges for sustainable energy availability		
1430-1530	“Water & Waste water treatment with Energy Efficient technology solution – A sustainable approach” By Dr Ashim Kumar Bhattacharya ; PhD; FICCE; Founder and ED; Academy of Water Technology and Environ Management Kolkata & Ex.Consultant GTZ Proklima	
15.30- 16.30	“Efficiency Management in Electrical Grid - Present status & future demands “ By Mr. Kamal Nasir , B.E.(Elect), MBA (Power), EA Deputy Director NPTI-ER	
1630-1645	Question Answer & Valedictory session	
1645 onwards	Tea / Discussion break /ADIEU	