

**One Day Seminar  
On**

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

**REGISTRATION FORM**

**To  
The Director,  
NPTI (ER), Durgapur City Centre  
Durgapur-713216**

Dear Sir,

The following persons may please be registered as delegates for participation in the above seminar to be held at National Power Training Institute, Durgapur on 1<sup>st</sup> February, 2020.

Please find enclosed a DD/ Cheque /Cash No.....Dt.....For

Rupees/.....) Drawn on The National Power Training Institute, E.R. Durgapur, payable at Durgapur for registration. Please fill up the form below.(Online payment through SBI E-collect of NPTI-ER Website: [www.nptidurgapur.com](http://www.nptidurgapur.com)) Please send a scanned copy in email to : [veerannanpti@gmail.com](mailto:veerannanpti@gmail.com)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

College/Office Address: \_\_\_\_\_

Permanent Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax no: \_\_\_\_\_

Mobile No \_\_\_\_\_

E-mail: \_\_\_\_\_

(Signature with Date)  
Name & Designation

**Advisory Committee**

Dr K.C. Ghanta, FIE, Chairman, IEI, DLC  
Er. S.K.Srivastava, Director IC, NPTI-ER  
Er. RK Roy, FIE, Ex. Chairman, Ex-officio Member, IEI, DLC  
Er. T Roy, FIE, Past Chairman & Council Member, IEI  
Prof H. B. Goswami, Past Chairman & Council Member, IEI

**Organizing Committee**

Mr M K Biswal, MIE :Hon. Secretary,IEI,DLC  
Mr B.Veeranna, Asst.Director, Org. Jt. Secretary  
Mr S Dey, AMIE, Org. Secretary  
Dr C. Bhattacharya, FIE, Convener  
Dr Samik Dutta, AMIE: Member  
Dr. Abhiram Hens, MIE: Member  
Mr P Shaw, FIE : Member  
Mr S. K Dey, FIE: Member  
Mr P K Roy, MIE: Member  
Mr Safikul Islam, MIE : Member  
Mr Kamal Nasir, Dy. Director, NPTI  
Dr N B Hui, MIE: Member

**Members: IEI, Durgapur Local Centre**

Shri M.N.Bandyopadhyay, Shri A K Mukherjee, Shri Manas Majumdar, Shri M Nandi, Shri S K Dey, Shri B.B.Das, Shri Debi Prasad Das; Shri Sudipta Sikdar, Shri B.N.Sain, Shri P.S.Banerjee, Shri Ranadeep Bhattacharjee, Dr D Ghosh, Dr P K Adhvaryu

**Information Brochure**

The Institution of Engineers (India)  
*100 years of Relentless Journey towards  
Engineering Advancement for Nation Building*

**One Day Seminar**

**On**

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

**1<sup>st</sup> February 2020 (Saturday)**

Organized by:

The Institution of Engineers (India)  
**Durgapur Local Centre**

*In Association with*

**National Power Training Institute (ER),  
Durgapur**

Under the aegis of

**Interdisciplinary Coordination Committee (ICC), IEI**



**Venue:**

SIT Lab Auditorium  
NPTI (E.R.), Durgapur  
City Centre, Durgapur-713216  
Ph: 0343 2542207  
E mail:Durgapur.nptier@gmail.com

## About NPPTI

National Power Training Institute (NPPTI) has been set up by the Government of India under the Ministry of Power, to function as the National Apex Body for Human Resources Development of Indian Power Sector. NPPTI (Eastern Region), Durgapur is one of the eleven Regional Institutes of NPPTI established in 1968. NPPTI's institutes are fully equipped with the latest state-of-the-art-training infrastructure and also expert faculty with long years of professional and teaching experience with adequate research and development exposure. These Institutes are conducting a number of training programs for Power Engineers, Operators and Technicians in the areas of Thermal and Hydro Power Generation, Renewable Energy, Transmission & Distribution System and other related areas. NPPTI (Eastern Region) Durgapur till March 2019 has trained about 100000 personnel in technical and managerial skill development programs including various professional and academic courses. NPPTI has implemented Integrated Management System in line with IMS: 2015 for a better understanding and follow up of internal improvement process and to deliver more value to the participating organizations of power sector. NPPTI cherishes a vision of value orientation and value addition to national and transnational power and energy sectors through training and human resource development, endeavoring to energize people who energize nations.

*For details, please see: [www.nptidurgapur.com](http://www.nptidurgapur.com).*

## About IEI, Durgapur Local Centre

Durgapur Local Centre was established in the year 1961 at the National Institute of Technology Durgapur formerly known as Regional Engineering College. Durgapur Local Centre was shifted from R E College Durgapur to its present building on Nehru Avenue, B-Zone, Durgapur-5 in the year 1984. The present building is situated on the land allotted by SAIL, Durgapur Steel Plant on lease basis. The development of the land and building was made step by step as per the availability of fund granted by the Headquarter time to time. Local Centre is trying to give the best effort to build this Institution to the highest pick of success. For the benefit of the students' local centre regularly conducts Guidance classes as well as Lecture Meeting, Seminar, Workshop, Technical Visits etc for the benefit of Technicians & Sr. Technicians' members on regular basis. Centre also organize seminars very often and observe some important days i.e. World Water Day, National Technology Day, World Telecommunication and Information Society Day, World Environment Day, Engineers' Day, World Habitat Day, World Standards Day, Energy Conservation Day etc. Durgapur Local Centre was adjudged the Best Local Centre in the years 2003-04 & 2015-16 and also achieved Best Centre for Technical activities in the year 2016-17. Also Durgapur Technicians Chapter was adjudged the 2nd Best Technicians' Chapter in the years 2012-13, 2013-14, 2014-15 & 2015-16 & 3rd Best Chapter in the years 2011-12 & 2016-17 and best chapter award for 2018-19.

*For details, please see: [www.ieidurgapur.org](http://www.ieidurgapur.org).*

## About the Seminar

Energy security is the key concern of the country in attaining self-reliance and to meet the challenges for all round development of the country in the global competitive scenario. Energy conservation practice – is already accepted as a strategic solution to meet the fiscal deficit and demand side management. Despite country's average power generation growth rate of around 8%, the 12th plan power generation capacity addition is about 112% against the target and the per capita power consumption attained 1180 kWh. During 12th plan period, 32.7 GW generation capacities were added from RE Sources. India is set to cross the 100 GW RE capacity mark in 2020. The RE capacity addition expected to be 117.8 GW during the 2017-22. It is estimated that about 268 MT of CO<sub>2</sub> emissions will be avoided annually by FY 2022 due to the RE mix. India ranks sixth in the world in total energy consumption, yet in per capita terms, India's per capita energy consumption equals 0.6 tonnes of oil equivalent (toe) as compared to the global per capita average of 1.8 toe. National Electricity Plan 2018 has already reinforced that commitment to achieve nationally determined contribution (NDC) of 40% installed renewable energy (RE) capacity by 2030, and therefore, energy resources integration becomes more important in this context. At this juncture, Energy Efficiency improvement measures with environmental pollution control would enhance energy security by spreading available energy resources over a long period of time and at the same time mitigate environmental impacts and reduce the cost of energy delivery.

## Theme of the Seminar:

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

## Objective:

The prime areas to be covered during the workshop will be –

- Energy conservation – Energy Integrity Analysis.
- Energy Efficiency in Power Industries. •Energy conservation application by Energy Service Companies.
- Perspective Planning of Energy Efficiency Practices.
- Distributed & Alternative / Renewable resource mixing
- Energy conservation in water and waste water management.
- Control and regulatory mechanism for energy resource integration practices. Demand side Energy Management
- Others (related to the theme) and Power sectors which would help the practicing engineers, scientists & academic persons.

## Important dates

Last date of Registration: 30 January, 2020

Date of Seminar : 1<sup>st</sup> February 2020

## Distinguished Speakers:

- **Dr Hari Sadhan Sarkar**  
Former Chief Scientist, WBPCB, Head – Env. & Chemical DPL, Ex Consultant Essar Energy Ltd
- **Dr A K Bhattacharya**  
Ex Consultant GTZ Proklima,
- **Dr Sudip Ghosh, Prof. of Mechanical Engg**  
IEST Shibpur
- **Mr Kamal Nasir, Deputy Director**  
NPPTI(ER) Durgapur
- **Mr S K Ghosh**  
Dy Chief Engineer; DSTPS, DVC

Registration Fee Details: + GST (18%) applicable

Industry/Institution sponsored delegates	Rs.1500/-
IEI Corporate	Rs.300/-
Student Members (IEI & other Engineering college students)	Rs.250/-
Research Scholars	Rs.300/-

Registration of delegates should be made well in advance by remitting the registration fees as indicated below along with duly filled in registration form.

## Advertisement tariff:

Sponsoring of Tea & Snacks	Rs.6000/-
Sponsoring of Lunch	Rs.25000/-
Sponsoring of delegate Kits	Rs.10000/-
Only Banner display	Rs.5000/-

## Contribution Privilege

**Lunch Sponsor:** Rs.25, 000/- (10 Delegates + display of banner)

**Kit Sponsor:** Rs.10, 000/- (3 Delegates + display of banner)

**Co-sponsors:** Rs.5, 000/- (2 Delegates)

## Payment Details

All payments should be made through online at NPPTI(ER) Website SBI E-collect or crossed demand draft or multicurrency cheque drawn in favour of "National Power Training Institute, (E.R.), Durgapur", payable at Durgapur. A/c payee local cheques payable at par at Durgapur are also accepted if paid in multicurrency cheques. Payments may be in CASH also against a receipt.

For any clarification please contact:

- Mr S Islam (Mb:9732017189, E-mail: [safikulislam1961@gmail.com](mailto:safikulislam1961@gmail.com))
- Mr P K Roy (Mb:9474698353, [roypk11@gmail.com](mailto:roypk11@gmail.com))
- Dr Chittatosh Bhattacharya (Mb:9474546284, [chittatoshbhattacharva@asme.org](mailto:chittatoshbhattacharva@asme.org))