

*National Seminar*

*on*

**Recent Developments in Design of Steel Structures**

**19<sup>th</sup> -20<sup>th</sup> April 2017**



**Organized By**

**Department of Civil Engineering**

**(Under School of Engineering)**

**Haldia Institute of technology**

**Haldia, Purba Medinipur**

## Objective

Success of economic and social development anywhere depends upon execution of infrastructure projects with speed and quality. Steel is the most important structural material which can satisfy both speed and quality of construction. But there is not much progress in the field of steel construction.

Analysis and Designing Steel Structures have undergone massive advancement. This is mainly due to the outcome of effective research and development pursued by Structural Engineers in the country and abroad. The limit state Design (LSD) is modern and technologically superior steel design method. The Working Stress design (WSD) is now replaced by limit state design. Structural Steel Design Code, IS 800-2007 includes Limit State Design. It offers Engineers to innovate in the design of highly reliable and competitive steel structures by encouraging the consideration of strength and serviceability criteria under appropriate combinations of gravity and lateral loads. These facts have prompted us to collate all the relevant knowledge regarding the development of design of steel structures and disseminate the same amongst the professionals, teachers and research scholar engaged in creation of the modern built environment. It is, therefore, department of Civil Engineering is organizing a National Seminar on "Recent Developments in design of Steel Structures" covering the following sub-themes:

- Comparison of different methods employed till date
- Limit State Design based on IS:800-2007
- Present development in design of earthquake resistant steel structures.
- Welding and Bolt Connection Design
- Fatigue and Stability of Steel Structures
- Corrosion and fire protection of steel structures

## Resource Persons From:

1. Haldia Institute of Technology (HIT), Haldia
2. Indian Steel Development and Growth (INSDAG), Kolkata.
3. Indian Institute of Welding (IIW), Kolkata.
4. Reputed Industrial Organization.

## Venue & Date

Seminar will be held on 19<sup>th</sup> -20<sup>th</sup> April, 2017 at S N BOSE Auditorium, Haldia Institute of Technology, Haldia-721657.

## Accommodation

Accommodation may be arranged for outstation delegates for 19<sup>th</sup> to 20<sup>th</sup> April, 2017. Local delegates will have to make their own arrangement for accommodation.

## Registration Procedure

Intending participants are requested to register by filling and mailing the enclosed registration form. Registration form shall be sent to the Organizing Secretary with a Cheque in favour of 'Civil Dept Cell' through bank transfer (soft copy of receipt shall be sent to [civildepartment.hit@gmail.com](mailto:civildepartment.hit@gmail.com)).

*The delegate fee shall be as under:*

<b>Professionals</b>	<b>Rs.1000/-</b>
<b>Faculty members</b>	<b>Rs.800/-</b>
<b>Students/Research Scholar</b>	<b>Rs.400/-</b>

### *Sponsorship*

<b>Gold Sponsor (Three delegates free)</b>	<b>Rs. 6000/-</b>
<b>Silver Sponsor (Two delegates free)</b>	<b>Rs. 4000/-</b>

### *Detail of Savings bank A/c*

<b>Account Name:</b>	<b>CIVIL DEPT CELL</b>
<b>Account No.:</b>	<b>95582200033650</b>
<b>Bank Name &amp; Address:</b>	<b>Syndicate Bank HIT Campus, Hatiberia, Haldia</b>
<b>IFSC Code:</b>	<b>SYNB0009558</b>
<b>MICR No. :</b>	<b>721025003</b>

## Patrons

Dr. Lakshman Seth  
(Chairman, HIT, Haldia)  
Mr. Asish Lahiri  
(Secretary, HIT, Haldia)  
Dr. M.N. Bandyopadhyay  
(Director, HIT, Haldia)

## Organizing Committee

**Prof. N K Yadav, Chairman.**

**Mr. Avik Sahoo, Organizing Secretary**

**Dr. Abhisek Santra & Mr. Abhishek Naskar, Joint Convener**

**Mr Ajit Kumar Paria, Treasurer**

**All Faculty members of Civil Engineering Department, Members**

## Address for Correspondence

**Mr. Avik Sahoo**

**Tel: 03224 – 252900/253061, 255615-17 –3223 Extn. 226 ;Fax: 03224 – 252800/253062**

**Mobile No.: 07584026744, E-mail: asahoo.aphit@gmail.com**

**Or**

**Mr Kausik Bera**

**Mobile No.: 09432880454, E-mail: berakausik@gmail.com**



## About the Institute

**Haldia Institute of Technology** is situated at the heart of Haldia, Port and Industrial city, nerve centre of industrial and trade activities in eastern India. Haldia city is the home of manufacturing industrial giants such as Indian Oil Corporation, Haldia Petrochemicals, Mitsubisi Chemicals, TATA Chemicals and many others. Being a close proximity to bank of river Haldi, the Institute offers a very pleasant, comfortable and cultured atmosphere for learning. It is well connected to Kolkata by Rail and Road.

# REGISTRATION FORM

*National Seminar  
On*

## **Recent Developments in Design of Steel Structures**

*(19<sup>th</sup> to 20<sup>th</sup> April, 2017)*

1. Name (in CAPS): \_\_\_\_\_
2. Designation: \_\_\_\_\_
3. Organization: \_\_\_\_\_  
\_\_\_\_\_
- 4 Contact Address: \_\_\_\_\_ PIN: \_\_\_\_\_  
Ph: \_\_\_\_\_ Mob: \_\_\_\_\_ E-mail: \_\_\_\_\_

I intend to participate as individual  Sponsored

### 5. Details of Registration Fees

Date

Rupees

Lunch/Refreshment: Veg.  Non-Veg.

Accommodation: Required  Not required

Date:

*Signature of the applicant*

**Note: Participants are requested to carry their copy of IS 800: 2007. The code will NOT be distributed in the program.**