

BACKGROUND

The importance of a composite material is that two or more distinctly different materials combine together to form a composite which possesses properties that are superior to the properties of the individual components.

The composites industry has usually been perceived as providing specially parts at premium prices. Today however, composites are being reclassified from “specially” to “common” industry. The growth of the composite material development has resulted in lower prices without loss of properties.

As the value of fiber reinforced polymers became apparent and accepted in electrical applications and corrosive environments, these synthetic materials began to penetrate virtually every other market worldwide, from automotive and marine to primary structural elements of aircraft and bridges, medical uses, satellites and launch vehicles, specialized industrial machinery components etc.

Composite is still an evolving field of material science. Surveying the pathways to arrive at the present position, some important development in the field is expected. These will be associated with new composites, design strategies, materials technology, fabrication processes, resource management etc. These developments will advance in parallel and with synergy to allow composite to play an increasingly important role in engineering and process industry. These may become the economic barometer while selecting the material of construction which steel and other alloy are enjoying.

It is expected that the present seminar on “Polymer and Composites as Material of Construction for Chemical Process Industries” will provide a platform to share new ideas and discuss the present status of the use of composites in industry with particular reference to chemical process industry.

Papers are invited in the following areas for presentation in the technical sessions and publication in the seminar proceedings

- State of art technology on composites.
- Fiber reinforced plastics (FRP)
- Nanocomposites
- Design aspects – matrix and the fibre
- Fabrication Techniques
- Environmental effect on the composites
- Composite structure repairing
- Recent advancements
- Application of composites

SPONSORS

It is expected that DST, CSIR and related industries will sponsor the seminar.

RESOURCE PERSONS

Experts from various industries, Haldia Municipality, eminent academia and R&D personnel will present their views during the Technical Sessions.

DELEGATE FEES

Rs 1500 for Industry personnel,
Rs. 500 for Non Member
Rs. 250 for Member
Rs. 100 for Student Member
Rs. 150 for Student Non Member.

IMPORTANT DATES

Last date for receipt of registration form:
15th January, 2012
Last date for receipt of abstract:
26th December, 2011
Last date for receipt of full paper:
15th January, 2012
Notification of acceptance of paper
(by e-mail): 20th January, 2012

AGREEMENT FORM FOR SPONSORSHIP/ADVERTISEMENT IN THE PROCEEDINGS

Dear Sir,

We agree to sponsor /contribute for an advertisement in the proceedings of the seminar on “**Polymer and Composites as Material of Construction for Chemical Process Industries**” to be held at Haldia Institute of Technology during **3rd February, 2012**.

Type of Sponsorship

Gold Sponsor: Rs.25,000 (Five delegates free registration)

Silver Sponsor: Rs.15,000 (Three delegates free registration)

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Advertisement Tariff

Inside front cover : Rs.6,000
Back cover : Rs.10, 000
Inside back cover : Rs. 8,000
Full page : Rs. 4,000
Half page : Rs. 2,000

Signature.....

The agreement form duly filled in along with advertisement material and DD/cheque should be sent by 30th January, 2012.

All the payments are to be made by **Demand Draft / cheque** drawn in favor of “**Haldia Regional Centre IICHe**” payable at **Haldia**.

Seminar on

“Polymer and Composites as Material of Construction for Chemical Process Industries.”

Registration Form

1. Name (Block letter) :
2. Designation :
3. Organization:
4. Address for communication :

5. Phone:

6. E-Mail:

Kindly register me for the one day seminar on “Polymer and Composites as Materials of Construction for Chemical Process Industries” to be held at HIT, Haldia at 3rd February, 2012

Place :

Signature of the applicant

Signature of the sponsoring authority

Date :

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National seminar

on

“Polymer and Composites as Materials of Construction for Chemical Process Industries.”

Venue : Haldia Institute of Technology

Date : 3rd February, 2012.



Organized by

**Haldia Regional Centre
Indian Institute of Chemical Engineers**

In Collaboration with

**Dept. of Chemical Engineering,
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