

First Announcement

The Institution of Engineers (India)

*Relentless Journey towards
Engineering Advancement for Nation Building since 1920*

**Thirty-first National Convention of
Metallurgical and Materials Engineers**

&

National Seminar

on

**Role of Stakeholders in
Development of Road Map for
Steel Vision**

under the aegis of
Metallurgical & Materials Engineering Division, IEI

January 19-20, 2018



Organised by

**The Institution of Engineers (India)
West Bengal State Centre, Kolkata
www.iewbsc.org**

Venue : Sir R. N. Mookerjee Hall, Kolkata

About The Institution of Engineers (India)

The Institution of Engineers (India), or IEI, is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has a membership strength of over 0.8 million. Established in 1920, with its headquarters at 8, Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 120 State/Local Centres located across the country. Being recognized as a Scientific and Industrial Research Organization by the Ministry of Science and Technology, Govt. of India, IEI also provides grant-in-aid support to UG, PG and PhD students of Engineering Institutes and Universities, to conduct research and development activities in the engineering field.

IEI is the pioneer body to introduce, starting from 1928, non-formal engineering education programme, popularly known as AMIE, which is recognized as equivalent to a degree in engineering by the Government of India, Union Public Service Commission, the State governments and many Public/Private Sector organizations in the country.

For details kindly visit: www.ieindia.org.

About West Bengal State Centre

The erstwhile Bengal Centre was established in 1921 at Calcutta in order to cater to the needs of the members of the entire eastern region of India. The Bengal Centre in due course was divided into Bihar Centre at Patna in 1947, Assam Centre at Shillong in 1958, Orissa Centre at Cuttack in 1959. At present, the erstwhile Bengal Centre is known as West Bengal State Centre situated alongside the IEI Headquarters located at 8, Gokhale Road, Kolkata 700 020. There are four Local Centres under the jurisdiction of West Bengal State Centre, located at Asansol, Durgapur, Kharagpur and North Bengal. Pursuant with its objective of propagating the cause of engineering science and technology, it organizes various seminar / symposium / conferences / Short Term Courses on the contemporary engineering and technological issues.

About Kolkata

Located on the western banks of the famous Hooghly river, Kolkata is the capital city of the State of West Bengal. Kolkata, the metropolis, enjoys a rich cultural heritage and is often referred as the cultural and educational hub of India. Previously known as Calcutta, the City of Joy that is Kolkata has rich demographic resources. Besides being a business and commercial centre, the popular tourist places and several places of interest that make Kolkata a favourite among the tourists include the Victoria Memorial, Indian Museum, Eden Gardens, Birla Planetarium, Howrah Bridge, Kali Mandir, Belur Math, Fort William, BBD Bagh, Dakshineswar Kali Temple, Maidan, Botanical Garden, Tagore House, Church of St John, Marble Palace, Raj Bhawan, Town Hall, Nakhoda Mosque, and St. Paul's Cathedral and many more.

Kolkata is well connected with the rest of India through roadways, airways and railways. Netaji Shubash Chandra International Airport at Dum Dum serves as both the domestic as well as the international airport. Buses, trams, metro railways, ferries, taxis, auto rickshaws ply within the city to make transport easy and comfortable for the locals and the visitors as well.

Theme of the National Convention

The Indian steel industry, one of the core sectors in India, is the world's third largest producer of crude steel and is expected to become the second largest producer soon. The per capita consumption of steel is generally accepted as a yardstick of the level of socio economic development of a country. Steel industry derives its demand from other important sectors like infrastructure, engineering, construction, automobile, oil & gas etc. Thus its intense integration with other important industries makes it a strategic sector for the Government as well as for the economy as a whole.

The proposed National Convention aims to keep abreast with the rapidly advancing frontiers of technology and also to provide platforms for dissemination and exchange of ideas and thoughts to lay the roadmap for realizing the vision of 300MT, by highlighting inter linkage between the Stakeholders and Steel Industries. It will also showcase the importance of supply chain in the Indian Steel industry and opportunities therein.

The technical sessions of the Convention will be structured around the following broad Sub-themes:

- Disseminating knowledge about new applications of steel amongst the user segments.
- Disseminating knowledge about the developments and best practices in analysis, design and construction methodology pertaining to steel.
- Understanding global steel markets and competition from new materials.
- Identifying opportunities in Indian steel supply chain and logistics.
- Resource management and institutional support.

SCHEDULE OF PROGRAMME

Day I (19.01.2018)

08.30 am - 10.00 am	Registration
10.00 am - 11.45 am	Inaugural Session
11.45 am - 12.00 am	Tea Break
12.00 am - 01.00 pm	V. Subramony Memorial Lecture
01.00 pm - 02.00 pm	Lunch
02.00 pm - 03.45 pm	Technical Session – 1
03.45 pm - 04.00 pm	Tea
03.45 pm - 04.00 pm	Panel Discussion on 'Future Trends of Metallurgical & Materials Engineering'
04.45 pm - 06.00 pm	Business Session
07.00 pm onwards	Cultural Programme & Dinner

Day II (20.01.2018)

09.30 am – 11.15 am	Technical Session – 2
11.15 am – 11.30 am	Tea
11.30 am – 01.15 pm	Technical Session – 3
01.15 pm – 02.00 pm	Lunch
02.00 pm – 03.30 pm	Technical Session – 4
03.30 pm – 05.00 pm	Technical Session – 5
05.00 pm – 05.30 pm	High Tea
05.30 pm – 06.30 pm	Valedictory Session

CALL FOR PAPERS

State-of-the-Art type papers/Articles of professional interest pertaining to the theme and sub-themes are invited from the distinguished experts from Steel and Allied industries, Consulting Houses, Policy Makers and Strategic planners for presentation during the Technical Sessions.

Extended abstract and full text of the papers in appropriate format, as decided by the Technical Committee, should reach the organizers as per the following deadlines:

- | | | |
|---|---|---------------------|
| 1. Last Date for receipt of extended abstract (500 words) | : | 16th October, 2017 |
| 2. Intimation of provisional acceptance | : | 15th November, 2017 |
| 3. Last Date of receipt of full paper | : | 1st December, 2017 |
| 4. Communication of acceptance of full paper | : | 30th December, 2017 |

PROCEEDINGS

An e-proceeding with ISBN Number, comprising the accepted papers/articles would be published during the Convention for distribution amongst the participants. Organizers propose to bring out a special issue of IEI-Springer Journal out of the accepted full text of the papers on peer-review.

REGISTRATION DETAILS

Registration of delegates shall be made well in advance by remitting the registration fees (per delegate) as indicated below along with duly filled in registration form.

1. Sponsored Delegate (Organisational)	₹ 5,000
2. IEI Corporate Members (FIE/MIE/AMIE) and Individuals	₹ 2,500
3. IEI Non-Corporate Members (ST/T/SMIE)	₹ 1,500
4. Students from Academia and Research Institutes	₹ 1,500

ADVERTISEMENT TARIFF

The patronage by our sponsors and supporters will be acknowledged through a Souvenir which will be brought out in the occasion for its distribution amongst participants as well as to various sponsoring organizations and participating industries. Advertisements are invited from industries and government organizations for inclusion in the Souvenir. The tariff for advertisements shall be as follows;

1. Back cover outside (Colour)	₹ 30,000
2. Back cover inside (Colour)	₹ 25,000
3. Front cover inside (Colour)	₹ 25,000
4. Full page (Colour)	₹ 20,000
5. Full page (B/W)	₹ 15,000
6. Half page (Colour)	₹ 10,000
7. Half page (B/W)	₹ 5,000

TECHNICAL EXHIBITION

A technical exhibition will be organized during the seminar to highlight the advantages of manufacturing led growth in metallurgical industries. Exhibition space of about 3 m x 3 m will be provided to each exhibitor. A fee of ₹ 50,000 will be charged for each exhibition space, which will include one free delegate.

NATIONAL ADVISORY COMMITTEE

- Chairman** : Er. Navin Chandra Vasoya, President, IEI
Co-Chairman : Er. K. K. Mehrotra, Chairman, MMDB, IEI
Convener : Dr. Arijit Sinha, MME Division, WBSC, IEI
Members : Prof. (Dr.) N R Bandyopadhyay, Member, MMDB, IEI
Er. Raj Kumar Roy, Member, MMDB, IEI
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- Chairman** : Er. K. L. Mallik, Chairman, WBSC, IEI
Working Chairman : Prof. (Dr.) N. R. Bandyopadhyay, IEST, Shibpur
Org. Secretary : Er. K. P. Das, Convenor, MME Division, WBSC, IEI

TECHNICAL COMMITTEE

- Chairman** : Mr. Bhaskar Roy, Advisor to CMD, DASTUR
Convener : Mr. Subodh Kumar Rai, Technical Director & Head –Process I, DASTUR

SUPPORT

Industries, Government Departments, Government Undertakings, R&D Organizations, Consulting Firms, Contractors, Equipment Manufacturers, Quality Control Organizations and all concerned are invited to support the event in Platinum, Gold and Silver Categories. Support is also solicited from other willing donors as per the rate provided below:

Platinum Support	2 free delegates + 1 inside full page colour advertisement+Name displayed as Platinum Support	₹ 3,00,000
Gold Support	2 free delegates + 1 inside full page colour advertisement+Name displayed as Gold Support	₹ 2,00,000
Silver Support	2 free delegates + 1 inside full page b/w advertisement+ Name displayed as Silver Support	₹ 1,00,000
Donor Support	Display of banner at Venue + 1 inside half page b/w advertisement	₹ 50,000

PAYMENT

All payments are to be made through crossed Demand Draft / Cheque, drawn in favour of “The Institution of Engineers (India), West Bengal State Centre”, payable at Kolkata or through NEFT/RTGS as per bank details given hereunder:

Bank Name: The Institution of Engineers (India), West Bengal State Centre

A/c No: 10577673248, **IFSC:** SBIN0002062

A/c Type: Savings

Branch: State Bank of India (02062), Gokhale Road, Gokhale Court, 1st Floor, 1/2 Harish Mukherjee Road, Kolkata 700 020

After payment through NRFT/RTGS to the above account, please send us scanned copy through mail or hard copy to Chairman/Honorary Secretary, The Institution of Engineers (India), West Bengal State Centre, 8 Gokhale Road, Kolkata 700 020 for confirmation.

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