## The Institution of Engineers (India)

GOA STATE CENTRE

in association with

## INDIAN CONCRETE INSTITUTE, GOA CENTRE

#### ASSOCIATION OF CONSULTING CIVIL ENGINEERS

2 Days All India Seminar entitled

## **SAFETY ASPECTS AT CONSTRUCTION SITE**

On 12<sup>th</sup> & 13<sup>th</sup> April 2019 Panaji, Goa

Anwar Khan, Convenor, All India Seminar

#### **REGISTRATION FORM**

| Name:  |          |  |  |
|--|----------|--|--|
| Designation :  |          |  |  |
| IEI Membership No.:  |          |  |  |
| Organization:  |          |  |  |
| Address :  |          |  |  |
|  |          |  |  |
| Telephone Nos : [Res/ O ff/ M ]  |          |  |  |
| Category: [Please tick whichever is applicable]  |          |  |  |
| I wish to attend as : $\square$ Delegate $\square$ Sponsored Delegate $\square$ Student      |          |  |  |
| I wish to be a ☐ PLATINUM Sponsor ☐ GOLD Sponsor ☐ SILVER sponsor                            |          |  |  |
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#### **GOA AT A GLANCE**

















#### **Contact Persons**

Er. Anwar Khan Er. Chandrashekar Prabhudesai Chairman, IEI, GSC Convenor, Seminar 

9822143577

9422057070

The Institution of Engineers (India), **Goa State Centre** D Type Quarters, D-8-1, **Government Polytechnic Panaji** Altinho, Panaji, Goa 403 001 Phone: 0832-2434686

Email: goastatecentre@gmail.com



The Institution of Engineers (India) **GOA STATE CENTRE** 

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INDIAN CONCRETE INSTITUTE, GOA CENTRE

ASSOCIATION OF CONSULTING CIVIL ENGINEERS, GOA

Media Partner:

### NBM&CW

Presents Two days All India Seminar on

# SAFETY ASPECT



at Panaji Goa

#### **ABOUT THE ORGANISERS**

The Institution of Engineers (India), established in 1920, is the largest multi-disciplinary professional body of Engineers in the Country. The Institution has over half a million members on its rolls, covering 15 Engineering disciplines. The Institution fulfils it's obligations under the Royal Charter granted in 1935, through its 27 State Centres and 77 Local Centres in the Country and 5 Overseas Chapters, with numerous technical activities at the International, National, Regional and State levels, for the advancement of the science and practice of Engineering and Technology.

The Goa State Centre of the Institution is functioning for the last 40 years, and has more than 1200 corporate members and about 300 students on its rolls. It was established as a Local Sub Centre in 1974, and was elevated to a State Centre in 2008. It is governed by an elected Managing Committee headed by the Chairman. The Centre organizes various seminars, workshops, conventions, etc., in order to promote the advancement of Engineering and its applications. It also serves to facilitate the exchange of information and ideas on these subjects, amongst its members and other practicing engineers.

#### **ABOUT THE SEMINAR**

With the rapid urbanization and Infrastructure development taking shape in our country as well as our state Goa, it is of utmost need to spread the awareness and importance of Safety at Construction sites, as at the construction site, a certain degree of danger is always involved. Right from the excavation work till the completion of structure, proper safety measures are very essential. Most of the accidents involved at the site can be prevented by taking simple measures or by adopting proper working procedure. This seminar we would like to take the below topics and provide in depth knowledge about the safety requirements to be adopted such as Excavation Safety, Formwork and scaffolding safety, Electrical and Fire safety, Labour safety etc.

Most common serious hazard involved at the start of project is due to trench or excavation collapse. In this seminar we will try to cover methods to protect slopes which includes soil nailing, micro pile etc. We will also like to cover sheet piling, shoring & bracing techniques to support side of the trenches during excavation.

In India construction industry is quite large & complex involving latest technology as well as man power. On a par with the development of construction industry, drawbacks in terms of labour safety & health aspects are also witnessed. In this seminar we will cover topics on labour safety like safety policies, training, first aid, personal protective equipment, welfare facilities etc.

There is always a fire risk at site, so the topics on fire safety measures will be covered. Scaffolding and formwork accidents are among the most common in the construction industry. Topics like type of scaffolding, design of scaffolding, proper construction & erection techniques etc will be covered.

Electrocution is also common at site, so we will also try to cover topics on electrical safety at site.

This two days Seminar will consist of Technical Presentations with the help of Experts from the field drawn from Well-known Construction companies. Will be followed by a site visit to a prominent construction site in Goa.

#### SUB - THEMES FOR THE SEMINAR

- 1. Deep excavation safety of adjoining buildings
- 2. Fire
- 3. Working at heights
- 4. Use of construction machinery
- 5. Formwork and scaffolding
- 6. Barricading
- 7. Electrical safety
- 8. Safety at site during monsoon
- 9. Underground existing utilities safety
- 10. Pre-planning safety aspects
- 11. Demolition works
- 12. Offshore works
- 13. Tall erection towers
- 14. Safety on sloping roofs

#### **PARTICIPATION**

This Seminar will be useful for Civil Engineers, RCC and other Professional Consultant, Builders, Engineers from PWD, WRD, GSIDC, other Govt. department, and others professionals involving in construction industry.

#### SUBMISSION OF RESEARCH PAPERS

The research papers showcased in this seminar shall be made available in CD format. Technical papers on the sub-themes are invited for presentation at the seminar. Abstracts shall include affiliation and details including address, Telephone Number, Fax and Email address of the author. The abstract as well as the full text shall be sent in a soft copy or in CD at the IEI, Goa State Centre address. The decision of the committee on acceptance of any paper will be final. The acceptance or rejection shall be intimated to the authors within 24 hours of receiving the research papers. Last Date for Receipt of Abstract and Paper ......01-04-2019

#### NATIONAL ADVISOR

Chairman: Mr. T. M. Gunaraja, FIE, IEI, President

#### **ORGANISING COMMITTEE**

Chairman, IEI, GSC: Er. Chandrashekar Prabhudesai Co-Chairman, Chairman, ICI, Goa Centre: Er. Joseph Silveira

Hon. Secretary, IEI, GSC: Er. Balkrishna Chodankar

Convenor: Er. Anwar Khan Organising Secretary: Er. Deepak Talaulikar

#### MEMBERS

Er. Rajendra Hegde Er. Thomas D'Costa Er. Austin S. Rodrigues Er. Satyesh Kakodkar Er. Purshottam Pai Er. Datta Kare

#### **METHOD OF REGISTRATION:-**

- a) Delegates must register in advance, latest by 08<sup>th</sup> April 2019.
- b) Registration shall be made by sending the enclosed form duly filled in, accompanied by DD / cheque in favour of :

'The Institution of Engineers (India)', payable at Panaji.

c) Registration Form and DD / Cheque shall be sent to: Er. Anwar Khan, Convenor,

The Institution of Engineers (India) Goa State Centre,

D- Type quarters, D-8-1, Government Polytechnic Campus, Altinho, Panaji Goa 403001

#### SPONSORSHIP OPPORTUNITIES

# Platinum Sponsor: Expected Assistance - Rs. 1,00,000/- plus 18% GST

- [45min Session] 30 min Technical Session & 15 min session for promotion of product.
- Display of logo on the backdrop banner and associate with the institution.
- One Speaker and 2 delegate passes complimentary.
- Table space [4'x2'] in the hall for display of product / literature & Banner.

#### Gold Sponsor (3nos): Expected Assistance - Rs. 75,000/- plus 18% GST

- 15 min Session for promotion of product.
- Two delegate passes complimentary.
- Table space [4'x2'] in the hall for display of product / literature & Banner.

#### Silver Sponsor (4 nos): Expected Assistance - Rs. 40,000/- plus 18% GST

- Table space [4'x2'] in the hall for display of product / literature & Banner.
- Two delegate passes complimentary.

#### **REGISTRATION FEE:**

| Category   | Rate in Rupees | GST<br>in Rupees | Total Amount in Rupees |
|--|----------------|------------------|------------------------|
| Members of IEI & other professional Institutions | 3000/-         | 540/-            | 3540/-                 |
| 2. Individual / Organisation                     | 3500/-         | 630/-            | 4130/-                 |
| 3. Students of Professional Colleges             | 2000/-         | 360/-            | 2360/-                 |

- **Note :-** No. of Delegates restricted to **150** Nos.
  - IEI members to produce membership No.
  - No. of Students restricted to 20 Nos.
    - Student-delegates shall produce copy of I-Cards

For further information, Contact:

Er. Anwar Khan

Er. Chandrashekar Prabhudessai

Convenor Ph. 9822143577. Chairman, IEI, GSC Ph. 9422057070

Email: i2econsultants@gmail.com cc to: goasc@ieindia.org