

## ABOUT THE INSTITUTE OF ENGINEERS INDIA:

The Institution of Engineers (India) (IEI) is the largest multi-disciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership of nearly 0.8 million. Established in 1920, with its headquarters at Kolkata, IEI has served the engineering fraternity for over 9 decades during which 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 over 115 centres located across the country. The Institute has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct R & D on engineering subjects.

IEI offers a non-formal engineering course, the successful completion of which is officially recognized as equivalent to a degree in engineering. Every year as many as 90,000 candidates appear for these exams. For more details visit our website [www.ieindia.org](http://www.ieindia.org)

### About the IEI, Gujarat State Centre:

Established in 1960, the Gujarat State centre enriched with an excellent infrastructure including a building "BhaikakaBhavan", a library with 16,000 books, a small AC conference hall, AC board room with full audio-visual aids and a State of the Art Center for Continuing Education & Skill Development. The Gujarat State Centre acts as a centrally located platform to justify the aims of IEI.

### About WFEO-CEIT:

Founded in 1968 under the auspices of UNESCO in Paris, World Federation of Engineering Organizations (WFEO) is a non-Government International Organization that brings together national engineering organizations from over 90 nations & represents about 20 million engineers from all over the world. WFEO-CEIT undertakes to lead engineering profession worldwide towards promotion & application of engineering for innovative technologies through networking and interaction with global leaders.

### About the National Convention:

According to a recent report commissioned by RICS Foundation, India is all set to become the 4<sup>th</sup> largest infrastructure projects market in the world by the year 2025, as the sector is continuously growing in the country. In this backdrop the need to not only expose our workforce to the latest and emerging technologies but also derive benefits from the advancements the technological know-how and the implementation of the same in construction industry has never been far greater now than ever before.

Civil engineering has always readily adopted new technologies, using innovations like suspension systems to build bridges and GPS to plot new roads. And as technology continues to evolve, we can expect that the civil engineering field will only keep incorporating new technology in increasingly creative ways. New technologies – those that have been released within the last 5 years – are about to change the civil engineering field and allow innovations previously not possible. With construction industry growing at a rapid pace, large number of structures are coming up all over the country. This includes road structures, bridges, flyovers, railway structures, metro, airports, hydraulic structures, commercial buildings etc. In order to meet with the pace of construction without sacrificing the quality of construction adoption of advanced technology is a must.

### Sub-themes:

*The research and status papers will include following sub themes-*

1. Advances in construction technology—Rapid wall construction, Multi storeyed buildings using precast concrete technology
2. Automation in construction industry
3. Advances in road construction: Highways & Rural roads
4. Repairs, rehabilitation and retrofitting of structures
5. Earthquake resistant structures
6. Advances in urban and metro rail construction: Innovative techniques for fast track construction of elevated roads and metros
7. Advances in construction of suspension bridges and hydraulic structures
8. Lean construction excellence

### Call for Papers:

Technical papers on the above themes and related topics are invited for presentation in the different sessions of the seminar. The authors should send two copies of extended abstract in IEEE template (not exceeding two A-4 size pages typed in 12pt., 'Times New Roman' font with double spacing) of their original works latest by 15<sup>th</sup> July, 2017. Acceptance

will be communicated through email by 25<sup>th</sup> July, 2017. Authors are requested to send a copyright form duly signed by author(s) along with abstract on email: [gujaratcsc@ieindia.org](mailto:gujaratcsc@ieindia.org)

Last date for receipt of Synopsis: 15<sup>th</sup> July, 2017

Full Length Paper: 16<sup>th</sup> Aug, 2017

### Sponsorship:

Various grades of Sponsorship are available e.g. Sponsorship of Rs. 1,00,000/- Will be eligible with 20 free delegates, Sponsorship of Rs 75,000/- shall be eligible for 15 free delegates etc. Besides host of other benefits are available, details available on our website. Industry, Government and Semi Government Organizations and Manufacturers are requested to sponsor various activities of the seminar.

### Advertisement in the Souvenir:

4 <sup>th</sup> (Back cover) page:	Rs. 30,000/-
2 <sup>nd</sup> (inner) page :	Rs. 25,000/-
3 <sup>rd</sup> (inner) page:	Rs. 25,000/-
Central page B/W:	Rs. 30,000/-
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Half page colour:	Rs. 8,000/-
Quarter Page colour:	Rs. 4,000/-
Full Page B/w :	Rs. 10,000/-
Half Page B/W	Rs. 5,000/-

### Registration:

The participants are advised to register in advance by remitting the registration fee as indicated below.

Members (IEI): Rs. 1,000 Non Members: Rs. 2,000

Research Scholars/Students: Rs. 300

### Payments:

All payments can be made through crossed DD/At par Cheque drawn in favor of "**The Institution of Engineers (India), Gujarat State Centre**" payable at Ahmedabad.

### Venue:

The seminar will be held at BhaikakaBhavan, The Institution of Engineers (I), Gujarat State Center, Ahmedabad on 2<sup>nd</sup> - 3<sup>rd</sup> September 2017.

### Accommodation:

There are various hotels available for accommodation. Participants are requested to book on their own or ask for assistance to the Organizing Secretary.

### National Advisory Committee:

Chairman: Mr. Navinchandra B. Vasoya, FIE, President, IE(I).

Co-Chairman: Mr. H. O. Thakre, FIE, Chairman, CVDB, IE(I).

Convener: Mr. Sandeep B. Vasava, Chairman GSC, IEI

Co-Convenor: Mr. M.K. Jadav, FIE, Past Chairman GSC, IEI

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 Organizing Secretary: Mr. H.U. Kalyani ,FIE, Hon Sec, GSC, IEI

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 Dr.Paresh Patel, Head, Civil Engineering, Nirma University  
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 Mr.V.R.Shah, Consultant (Structures)

**National Convention of Civil Engineers &National Seminar on “Recent Advances in Structural Engineering”  
 Registration Form**

Name .....  
 Designation .....  
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 - Non Member/ NGO  
 - Authors  
 - Student member/ Research Scholars

Date: \_\_\_\_\_  
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**Contact**

The Institution of Engineers (India)-Gujarat State Centre  
 BhaikakaBhavan, Law Garden Road, Ahmedabad-380006  
**Phone:** 079-26400811, **Fax:** 079-26561825  
**E mail:**gujaratssc@ieindia.org, **Web:** [www.ieigsc.org](http://www.ieigsc.org)

*The Institution of Engineers (India)*

*“97 Years of Relentless Journey towards Engineering Advancement for Nation-building”*

**Thirty third National Convention of Civil Engineers (NCCE-2017)  
 &  
 National Seminar on “Recent Advances in Structural Engineering”  
 September 02-03, 2017  
 Organized by:**



*The Institution of Engineers (India)*

**Gujarat State Center**

*Under the aegis of*

**Civil Engineering Division Board, IEI**

*In association with*



**World Federation of Engineering Organisations-CEIT**



**Sardar Sarovar Narmada Nigam Ltd**

**Venue**

**AHMEDABAD**