

form duly signed by author(s) along with abstract on [gujaratsc@ieindia.org](mailto:gujaratsc@ieindia.org)

#### **PARTICIPATION:**

Experts from various Govt Organizations/Undertakings, Educational Institutions, Consultants, are invited to participate in the deliberations of the Seminar. This will enable them to have a complete brainstorming on the entire subject.

#### **Registration Fees:**

Corporate Members (IEI)	:	Nil
Non Members	:	Rs. 1000
Research Scholars/Students	:	Rs. 100
Sponsored Delegates	:	Rs. 3000

#### **Sponsorship:**

Sponsorship of Rs. 1,00,000/- will be eligible with 50 free delegates. Industry, Government/Semi-Govt Organizations are requested to sponsor various activities of the seminar.

#### **Souvenir & Advertisement tariff:**

4 <sup>th</sup> cover page	:	Rs. 20,000/
2nd inner page	:	Rs. 15,000/
3rd inner page	:	Rs. 15,000/-
Full page colour	:	Rs. 10,000/-
Half page colour	:	Rs. 5,000/-

#### **IMPORTANT DATES**

Last date for receipt of :

Synopsis:	25 <sup>th</sup> April, 2015
Full Length Paper:	15 <sup>th</sup> May, 2015

#### **PAYMENTS:**

All payments are to be made through crossed Demand Draft / At par Cheque, drawn in favour of "The Institution of Engineers (India), Gujarat State Centre".

#### **Accommodation:**

There are several hotels available for

accommodation. Participants are requested to book on their own.

#### **Venue:**

The Seminar will be held at the IEI, Gujarat State Centre, Bhaikaka Bhavan, Ahmedabad on 12<sup>th</sup> -13<sup>th</sup> June 2015.

#### **Organizing Committee:**

Chairman: Shri S.J.Desai, FIE, Chairman, GSC  
Org. Secretary: Shri S.B.Vasava, FIE, Council Member

#### **Members:**

Shri S. S. Rathore, FIE, Imm. Past President, IEI & VP, WFEO & CMD SSNNL

Shri P. J. Mehta, FIE, Past President, IEI

Shri N B Vasoya, FIE, Council Member, IEI

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#### **Technical Committee:**

Shri S. J. Desai, FIE, Chairman, GSC -Chairman.

Shri C. V. Nadpara, FIE, Hon. Secretary, GSC

Shri S.B.Vasava, FIE, Committee Member, GSC

Shri V.P.Kapadia, FIE, MD, GWRDC Ltd

#### **Contact**

The Hon. Secretary

The Institution of Engineers (India)

Gujarat State Centre, "Bhaikaka Bhavan", Opp Law garden, Ahmedabad - 380006

Phone: 079-26400811 Fax: 079-26561825

Email: [gujaratsc@ieindia.org](mailto:gujaratsc@ieindia.org)



[www.ieigsc.org](http://www.ieigsc.org)

### **First Information Brochure**

**The Institution of Engineers (India)**

*"95 Years of Relentless Journey towards Engineering Advancement for Nation-building"*

ALL INDIA SEMINAR

ON

**Safety Evaluation and Remedial Measures for Existing Civil Engineering Structures**  
**June 12-13, 2015**

*Organised by:*

**The Institution of Engineers (India)**  
**Gujarat State Centre**

*Under the aegis of*  
**Civil Engineering Division Board, IEI**



*In association with*

**Water Resources Department,**  
**Government of Gujarat**



**Roads & Buildings Department**  
**Government of Gujarat**

**Sardar Sarovar Narmada Nigam Ltd**  
**Venue: Ahmedabad**

## **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 membership strength of nearly 0.7 million. Established in 1920, with its headquarters as 8 Gokhale Road, Kolkata -700 020, 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 honor. 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 104 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Government of India. Every year as many as 90,000 candidates appear for these exams. For details, please see:

[www.ieindia.org](http://www.ieindia.org).

The Gujarat State Centre has been one of the active Centers of The Institution of Engineers (India) which is engaged successfully translating the objectives and ideals of IEI into practice.

### **ABOUT THE SPONSORS**

Water Resources Department, Roads and Building Department of Government of Gujarat and Sardar Sarovar Narmada Nigam Ltd who build and maintain most of civil engineering structures in the State have sponsored this seminar to bring awareness in their engineers.

### **OBJECTIVE**

Civil engineering structures including bridges, buildings, dykes, flood embankments, dams, drains, canals & canal structures need constant monitoring of their physical health. A detailed engineering evaluation of each and every part of each of these structures is required to be carried out every year from the safety point of view and necessary remedial measures are required to be taken so as to ensure not only the safety of the structure but also the safety of the common public. Most of the civil engineering structures in the country have grown old, needing special care and attention. Failure of any kind—structural or operational— affects living beings severely.

Thus there is a need to create a platform for thorough discussion on this aspect to sensitize our engineers. It is proposed to bring all the safety aspects along with suggestion for remedial measures to the knowledge of our fellow civil engineers through this Seminar.

### **THEME**

Safety evaluation and remedial measures for existing civil engineering structures is the theme

of the seminar.

### **SUB THEMES:**

The **sub themes** are:

1. Inspection of structures – how to conduct;
2. Common deficiencies in concretes
3. Inspection of earthen & rock-fill embankments and remedial measures;
4. Inspection of gravity (masonry/concrete) dams and remedial measures;
5. Inspection of canals, drains; canal structures;
6. Inspection of bridges and remedial measures;
7. Inspection of buildings and remedial measures
8. Case studies of failures of structures

### **PROGRAMME**

#### **12/06/2015**

- 10.00-11.30 Inauguration
- 11.45-13.00 Safety inspection of structures
- 14.00-15.00 Common Deficiencies in concrete
- 15.00-16.00 Inspection of bridges
- 16.15-17.15 Inspection of buildings

#### **13/06/2015**

- 10.30-11.30 Inspection of earth/rock-filled dams
- 11.45-12.45 Inspection of gravity dams
- 13.45-14.45 Inspection of canals & drains
- 14.45-16.00 Case studies of failures of structures
- 16.15-17.00 Valedictory Function

### **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 25<sup>th</sup> April, 2015. Acceptance will be communicated through email by 15<sup>th</sup> May 2015. Authors are requested to send a copyright