



# The Institution of Engineers (India)

*98 years of Relentless Journey towards Engineering Advancement for Nation Building*

## Two Day All India Seminar on **Strategic Innovation & Problem Solving for Engineers & Entrepreneurs**

**21<sup>st</sup> & 22<sup>nd</sup> April 2018**  
Thiruvananthapuram

Organised by  
**The Institution of Engineers (India)**  
Kerala State Centre

**under the aegis of**  
Inter Disciplinary Coordination Committee, IEI  
**in association with**  
**Kerala State Council for Science, Technology and Environment, Government of Kerala**

**Co-Sponsors:**  
**Society of Aerospace Manufacturing Engineers, Thiruvananthapuram**  
**IEEE, Kerala Section**  
**Aeronautical Society of India, Trivandrum Branch**  
**Indian National Society for Aerospace and Related Mechanisms, Thiruvananthapuram Chapter**  
**Systems Society of India, Thiruvananthapuram Chapter**  
**CISSA**

**Venue:**  
The Institution of Engineers Hall,  
Visvesvaraya Bhavan, Opposite Kanakakunnu Palace, Thiruvananthapuram

## **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 more than 0.7 million. Established in 1920, with its headquarters at 8, Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity nearly for a century. 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 105 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, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: [www.ieindia.org](http://www.ieindia.org)

## **About Kerala State Centre**

Kerala State Centre (KSC) is functioning from 1947 onwards and has completed 71 years of yomen services to all Engineers both academic and practicing engineers. There are 5 Local Centres of IEI Kerala State Centre - Kochi, Trichur, Palghat, Kozhikode and Kollam.

The Kerala State Centre conducts technical talks every Wednesday without fail for the last 20 years and it is a unique activity for Kerala State Centre. The Kerala State Centre is located in the heart of Thiruvananthapuram city and access to the State Centre for the Engineers and public are very easy. IEI Kerala State Centre has got a very good technical Library, consisting of Engineering books and technical periodicals of various branches of Engineering.

The AMIE classes and GATE coaching classes are regularly conducted by the Kerala State Centre. Technical workshops, Seminars, Technical exhibitions, National seminars, Training Programmes on various engineering branches are also conducted frequently in this Institution. For details, please see: [www.ietvm.org](http://www.ietvm.org)

## **About the Seminar**

Innovation is an important aspect driving the national development and progress. All high performing nations give critical thrust to innovation activities, in terms of awareness & training programs. India has declared "**The Decade of Innovation**" from year **2010 to 2020**. IEI expresses the relevance of innovation in the vision statement. April 15<sup>th</sup> to 21<sup>st</sup> is celebrated every year as "**World Innovation & Creativity week**".

Innovation is one of the basic skill-set essential for engineers & entrepreneurs, practicing in any field of Engineering and hence it has a multidisciplinary character. This proposed program is meant for improving the awareness & culture of innovation for engineers, managers, students and entrepreneurs in India, practicing in private or public sector. This will enable engineers to deliver high level of performance, by making them capable of solving the problems in their career or business. Organisations will also stand to gain by this approach. The innovation skills

of the engineering community will accelerate the growth and development of the State and the Nation.

Keeping this in mind, IEI Kerala State Centre proposes to conduct 2 days seminar on the above subject on **21<sup>st</sup> & 22<sup>nd</sup> April 2018**.

### **Seminar will have:**

1. Invited Lectures
2. Presentation of paper on relevant topic
3. Posters and Exhibits on Innovation

### **Call for papers**

Papers are invited for the seminar in the following areas/themes:

- Innovation
- Creativity
- Problem Solving

#### **in the fields of:**

- Engineering & Technology
- Entrepreneurship
- Research & Development
- Education

Selected papers will be permitted to be presented in the seminar.

### **Paper Submission & Guidelines**

The papers are to be sent by e-mail before the last date.

Authors are requested to submit papers in IEEE double column with single line spacing, A4 size format in Times New Roman font.

Abstract and full papers are to be sent to [ieitvm@gmail.com](mailto:ieitvm@gmail.com) with subject mentioned as "***Innovation Seminar - 2018***"

### **Scheduled Dates**

Last date of submission of Abstract : **10<sup>th</sup> April 2018** (Max 300 words)  
Registration for exhibits & Posters : **10<sup>th</sup> April 2018** (with description of exhibit/ Poster)  
Registration for Delegates : **15<sup>th</sup> April 2018**  
Last date of submission of Full Manuscript : **17<sup>th</sup> April 2018** (Max 5 pages)

### **Registration Fee**

Registration fee for delegates **Rs.500/-** per delegate.

**No Registration fee** for Corporate Members of IEI, Engineering Faculty and students.

### **Innovative Exhibits & Posters by Students & Entrepreneurs**

Display of exhibits on innovative projects by students are invited at the IEI seminar venue during seminar **with no fee**.

Innovative Exhibits & Posters by Entrepreneurs are invited for products, services, and projects by Entrepreneurs with a nominal fee of **Rs.1000/-** per exhibit.

Description of Project / Display with relevant sketches and exhibits size dimensions are to be submitted to IEI before last date. Selected exhibits can be displayed at IEI campus. Prizes for best three exhibits will be awarded.

### **Sponsorship Fee**

<b>Sponsorship Category</b>	<b>Amount</b>	<b>Free Delegates</b>	<b>Banner Display</b>
Gold sponsor	Rs.25,000	5	Yes
Silver sponsor	Rs. 5,000	2	Yes

### **How to Apply**

The applicants should send their registration form in the specified format (enclosed) through their Principals/Sponsors on or before 15<sup>th</sup> April 2018.

### **Payment**

Demand Draft / Cheque for Sponsorship, Delegate fee and Exhibit fee must be drawn in favour of **'The Institution of Engineers (India), Kerala State Centre'** payable at **Thiruvananthapuram**.

### **Venue**

Institution of Engineers Hall, Visvesvaraya Bhavan, Opposite Kanakakunnu Palace, Thiruvananthapuram.

### **National Advisory Committee**

**Chairman:** Er.Sisir Kumar Banerjee, FIE, President, IEI

**Co-Chairman:** Er.A.K.Saxena, Chairman, ICC, IEI

**Convenor:** Er.Udaya Kumar K.S., Honorary Secretary, IEI, KSC

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Er.K.Ramanarayanan, IEI, KSC

Er. Sarat Kumar K, IEI, KSC

Er. Francis E. J., IEI, KSC

**Convenor:** Er. Asok Kumar K., IEI, KSC

**Contact persons: Address for Communication for registration and paper presentation**

**Er. Udaya Kumar K.S., MIE**  
Honorary Secretary  
(Organising Secretary)  
The Institution of Engineers (India)  
Kerala State Centre  
Visvesvaraya Bhavan  
Opposite Kanakakunnu Palace  
Thiruvananthapuram-695033

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web: www.ietvm.org



The Institution of Engineers (India)

**Kerala State Centre**

Thiruvananthapuram

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**Registration Form for Delegates & Exhibits**

Name	
Address	
Designation	
Organisation	
e-mail	
Mobile	
IEI Corporate Membership Number	
IEI Student Member (Yes/No)	
Paper Presentation (Yes/No)	
Display of Exhibits (Yes/No)	
Demand Draft / Cheque Details	

Date: .....

Signature .....

Signature & Seal of Principal / Head of Organisation



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**Registration Form for Sponsors**

Name of organisation	
Address	
e-mail	
Mobile	
Demand Draft Details	

Sponsors shall furnish their display board / banner to IEI Kerala State Centre, Thiruvananthapuram on or before 20-04-2018 positively.

Date: .....

Signature: .....

Name

Office Seal