34th Indian Engineering Congress
December 27-29, 2019

Theme
Societal Engineering - Imperatives for Nation Building

Organized by
The Institution of Engineers (India)

Hosted by
TELANGANA STATE CENTRE

Venue
Cyberabad Convention Centre Pvt. Ltd.
Novotel & HICC Complex (Near HITEC City),
Cyberabad Post Office, Hyderabad 500 081
Message from the President, IEI

It gives me great pleasure to note that the Telangana State Centre of The Institution of Engineers (India) is hosting the 34th Indian Engineering Congress, which is the premier annual event of IEI during December 27-29, 2019 at Hyderabad. The theme selected for the Congress is “Societal Engineering - Imperatives for Nation Building”.

Societal Engineering is a concept which tries to encapsulate purpose and potential of engineering for development of the society and nation at large. This field of study is a combination of all engineering disciplines with a philosophy aimed at holistic development of society. The aim of Societal Engineering is to cater to the daily requirement of life with powerful, quantitative and creative problem-solving skills inherent to all engineers.

By selecting such a socially relevant contemporary theme, The Institution of Engineers (India) would become the harbinger to interconnect and integrate the societal needs and advancement of engineering and technologies.

I sincerely believe that the deliberations during the Congress by doyens of industries and academic institutions will enlighten the engineers and technologists of the country to generate consciousness for a continual development of the nation without disturbing the peace and social harmony.

Dr T M Gunaraja, FIE
President
The Institution of Engineers (India)
Kolkata
Relentless Journey towards Engineering Advancement for Nation Building since 1920

The Institution of Engineers (India) [IEI] is a statutory body to promote and advance the engineering science and technology, established in 1920 and incorporated by Royal Charter in 1935. It is the largest multi-disciplinary professional body of engineers encompassing 15 (fifteen) engineering disciplines with a membership of more than 0.8 million, and serving the nation for more than 9 decades. The IEI has its headquarters located in Kolkata and it function through more than hundred Centers and several Overseas Chapters, Foras and Organ. Besides, IEI has bilateral agreements with about 33 international bodies and membership of another eight international bodies of the developed nations across the globe. Being recognized as a Scientific and Industrial Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to Undergraduate, Post Graduate Students and Ph.D. Research Scholars of Engineering Institutions and Universities.

In order to create sharp focus on National priority areas, The Institution of Engineers (India) has established the following Organ and Fora to work in close co-operation with the stake holders in the respective fields.

- Engineering Staff College of India (ESCI) for providing continuing education and Research & Development, is an autonomous Organ of IEI,
- National Design and Research Forum (NDRF) to encourage design talents in engineering and technology,
- National Skill Development Forum (NSDF) to enhance skill of engineering and technical personnel,
- Rural Development Forum (RDF) to encourage and promote multifaceted development of rural India,
- Safety and Quality Forum (SQF) to address the aspects of Safety and Quality in Engineering Profession,
- Sustainable Development Forum (SDF) for expression of authoritative views on technologies for sustainable development and for enunciating practical solutions to the problems faced by India, and
Water Management Forum (WMF) to promote and advance the engineering and practice of water resources management in its totality.

IEI conducts Section A & B Examinations in various engineering disciplines (popularly known as AMIE examination), 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 a large number of candidates appear for these exams.

IEI in collaboration with Springer regularly publishes peer-reviewed International Journal in five series, namely, Series A, Series B, Series C, Series D and Series E covering 15 engineering disciplines, which are Scopus Indexed.

For further details, please visit: www.ieindia.org.

About Telangana State Centre, IEI

In 1956 as a result of State reorganization, Andhra Pradesh State was formed by merging Hyderabad with Andhra. Since then the Hyderabad State Centre was known as the Andhra Pradesh State Centre. The AP State Centre has been one of the active Centres of The Institution of Engineers (India) which is successfully translating the objectives and ideals of IEI into practice and in recognition, it has been honoured ten times with the Best State Centre Award since inception of the award in 2000.

The Telangana State Centre, located at Hyderabad, has been formed after bifurcation of erstwhile Andhra Pradesh State Centre since its inception in August 28, 2016.

The Telangana State Centre in its jurisdiction has two Local Centres, namely, viz. Ramagundam and Warangal Local Centres.

The 2nd, 15th and 29th Indian Engineering Congress were organized at Hyderabad in the year 1988, 2000 and 2014 respectively.

History of Indian Engineering Congress

The Institution of Engineers (India), was earlier holding Annual General Meetings/Annual Sessions/Annual Conventions at different places in the country to take stock and review its activities and objectives. The Annual Convention later manifested into Indian Engineering Congress is intended to broaden the scope of interaction and transfusion of knowledge amongst engineers from the country as well as from the prominent parts of the globe. The Institution of Engineers (India) is organizing the Indian Engineering Congress every year to cater the needs of entire engineering professional community of India. The Indian Engineering Congress will throw open the threshold of knowledge to all members and non-members and provide them with a Forum.

The First Indian Engineering Congress was inaugurated by the then Prime Minister of India, Bharat Ratna Late Shri Rajiv Gandhi in 1987 in Kolkata. The
then Hon’ble Chief Minister of Andhra Pradesh Shri N Chandrababu Naidu inaugurated the 15th Indian Engineering Congress held at Hyderabad in 2000. It is a matter of great honour that Shri Pranab Mukherjee, then Hon’ble President of India inaugurated the 27th Indian Engineering Congress in New Delhi (2012) and 28th Indian Engineering Congress in Chennai (2013). The Hon’ble Governor of Telangana and Andhra Pradesh, Shri E S L Narasimhan inaugurated the 29th Indian Engineering Congress held at Hyderabad in 2014.

The Institution of Engineers (India) is organizing 34th Indian Engineering Congress during this year in Hyderabad from December 27 to 29, 2019.

**Theme of the Congress**

“Societal Engineering – Imperatives for Nation Building”

The ubiquitous influence of technological advancement is felt everywhere ranging from urban to rural areas, from real to the virtual world and from professional to the personal arena.

Societal Engineering is a concept which tries to encapsulate purpose and potential of engineering for development of the society and nation at large. This field of study is a combination of all engineering disciplines with a philosophy aimed at holistic development of society. It emphasizes on how engineering education lays the foundation for improving lifestyles and services to the citizen. Therefore it focuses on the fact that engineering education should in particular do more than just producing an engineer. The aim of Societal Engineering is to cater to the daily requirement of life with powerful, quantitative and creative problem-solving skills inherent to all engineers. Societal engineers use their engineering experience in a way that prepare them and make them passionate about improving quality of life through innovation, addressing and appreciating the challenges in the current society. A combination of specific skill sets like global awareness, systems-level thinking, understanding the innovation and entrepreneurial process from product design to deployment and effective communication are the basic foundations for achieving this goal. It is also important to highlight the fact that public policies have significant effect on technology innovation and advancement.

Conventional engineering disciplines like Civil, Mechanical, Electrical, etc, along with the extended applications of basic sciences, technology and engineering have created space for interdisciplinary applications of structural, environmental, agricultural, chemical, textile, geotechnical, mining, transport, software

**Aim of the Congress**

The aim of the Indian Engineering Congress is to enlighten the technical fraternity about the developments in various fields of Engineering and thereby enabling them to face the future challenges and ensure development of the nation.

**Congress Objectives**

The Congress will provide a Forum:

- To have discussion around the theme to promote ideas, broaden operational horizon of engineers from different disciplines, and to pursue newer domains and concepts;
- For exchange of information, updating knowledge and stimulating a sense of responsibility in their professional work;
- To foster international and national co-operation in the engineering fields;
- To inculcate and promote a growing commitment to the social objective of the profession; and
- To promote engineering practices that lead to sustainable development.
Sub-Themes

The theme and sub-themes as detailed below will address related issues and focus on solutions from engineering perspective.

1. Convergence of Technologies for Societal Needs,
2. Poverty Alleviation and Health Care,
3. Education and Human Capital,
4. Environment,
5. Farm Productivity,
6. Water Resources,
7. Engineering and Technology in rural hubs for mitigation of distress and harvesting local innovations, and
8. Sustainable Mining.

Six Technical Sessions will be conducted covering all the Sub-Themes. Invited Lectures will be delivered by eminent professionals of International and National repute in the respective field. Technical papers will be published in the Technical Volume of the Congress with ISBN number.

Who will Attend

- Engineers from all sectors – state and central government, public enterprises, industries and services
- Academia – Student, Faculty and Management
- Research – Scientists and Engineers from all segments of R&D establishments – Defense, aerospace, Industrial R&D
- Corporate members of IEI, Technician student members of IEI
- International participation
- Members from other Engineering Professional bodies

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CALL FOR PAPERS

Engineering professionals from Industries, Academic Institutions, Research & Development Organisations, Government Departments and Entrepreneurs are invited to contribute papers pertaining to the theme and sub-themes of the Congress under each of the following 15 engineering disciplines of IEI. The papers should focus on sharing the experience, concepts, innovative ideas, research findings etc.

- Aerospace Engineering
- Agricultural Engineering
- Architectural Engineering
- Chemical Engineering
• Computer Engineering
• Electrical Engineering
• Environmental Engineering
• Mechanical Engineering
• Mining Engineering
• Textile Engineering

The above areas are indicative. Authors may also submit papers on other areas based on the main theme of the 34th Indian Engineering Congress.

Submission of Synopsis / Full Text

The authors are requested to submit the synopsis and full text (post-acceptance of synopsis) through e-mail to iecieitsc@gmail.com / iectech@ieindia.org

Nodal Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last date for receipt of Abstract of Technical Paper</td>
<td>September 30, 2019</td>
</tr>
<tr>
<td>Information of provisional Acceptance of Paper</td>
<td>October 31, 2019</td>
</tr>
<tr>
<td>Last date for receipt of full length paper</td>
<td>November 10, 2019</td>
</tr>
<tr>
<td>Communication of acceptance of Technical Paper</td>
<td>November 21, 2019</td>
</tr>
</tbody>
</table>

Guidelines for Authors

Authors intending to submit a paper for 34th Indian Engineering Congress are advised to adhere to the guidelines as mentioned below. The papers not conforming to these guidelines may not be considered for review / publication. The full text of accepted papers will be published in the Technical Volume of the 34th Indian Engineering Congress (with ISBN No.).

Synopsis of Paper within 500 words with maximum five key-words have to be submitted first and after acceptance of the same, full text of the Paper has to be submitted. The author should mention the Engineering Discipline of the paper.

Synopsis will be reviewed by domain experts and the decision will be communicated to those authors whose synopsis is accepted.

Preparation of Full Text of Paper

1. Papers should be camera-ready in MS-Word format, not exceeding 3000 words in length and should not carry more than 5 illustrations /photographs.

2. The language of the Publication is English. The mode of presentation should be in third person.

3. The Template for preparation of article is attached for ready reference of the authors.

4. SI units should be used wherever possible. Other units, if used, should be given only in parentheses preceded by SI units.

5. Mathematical symbols should be typed and care should be taken to differentiate between similar characters (e.g. 1 and I), upper and lower case letters and superscripts and subscripts.

6. Lengthy mathematical proofs and derivations and extensive test data are discouraged. If absolutely essential, they should be given as an appendix.

7. The Template of Paper can be downloaded from the link: https://www.ieindia.org/webui/IEI-Activities.aspx#Call_Papers
Copyright

The papers are considered for possible publication on the understanding that these have not been submitted to any other publisher. The copyright of papers accepted for publication lies with The Institution of Engineers (India) and reproduction of the papers or any part thereof is not allowed without the permission of the Institution. Contributors are required to sign a declaration to this effect while submitting their papers.

As per Bye-Law 118 of IEI, Copyright of each paper published in Institution Journals or Proceedings in full or in Abstract at its Centres shall lie with the Institution.

The Declaration Form of IEI can be downloaded from the link:
https://www.ieindia.org/webui/IEI-Activities.aspx#Call_Papers

Contact for Submission of paper

Mr. Nilanjan Sengupta, FIE
Convener, Technical Committee
34th Indian Engineering Congress and
Director (Technical)
The Institution of Engineers (India),
8 Gokhale Road, Kolkata – 700020
Email: iectech@ieindia.org

POSTER SESSION

The IEC 2019 provides a unique opportunity for engineers and researchers to share their innovations and research in engineering and technologies to industry, R&D Establishment etc. Please visit www.ieitsc.org.

REGISTRATION

Corresponding / Presenting Author(s) have to register themselves for the 34th Indian Engineering Congress, without which the paper will not be considered for presentation.

MEMORIAL LECTURES

Following eight Memorial Lectures have been instituted by IEI to commemorate the outstanding engineers. These lectures form an important part of the Congress.

- The 62nd Sir Mokshagundam Visvesvaraya Memorial Lecture
- The 54th Nidhu Bhushan Memorial Lecture
- The 45th Bhaikaka Memorial Lecture
- The 41st Sir Rajendra Nath Mookerjee Memorial Lecture
- The 32nd Dr Ajudhia Nath Khosla Memorial Lecture
- The 28th Dr Amitabha Bhattacharya Memorial Lecture
- The 9th Prof C S Jha Memorial Lecture
- The 5th K L Rao Memorial Lecture

GLIMPSES OF ENGINEERING PERSONALITIES

The success stories and achievements of engineering personalities will be presented in the Congress followed by felicitation. The Indian Engineering Congress offers great opportunity to the young engineers to get inspired and motivated from the experience of these veterans from Government, Industry, Research Institutions and the Academic Institutions of Excellence etc.

INTERNATIONAL MEET

Indian Engineers and Technologists have played a significant role in the advancement of the engineering practice within and outside the Country. The IEI also welcomes Engineers and Technologists from foreign countries to participate in the Indian Engineering Congress and share the World best
practices. Besides, the members of World Organizations with whom IEI has bi-
lateral relation will be invited to share their experiences.

**IEI ALUMNI MEET**

The Indian Engineering Congress provides an opportunity for IEI Alumni for a
reunion with their counterparts and is also expected to play a mentors role
for the younger generation.

**WOMEN ENGINEERS MEET**

The IEI recognizes the role being played and contributions being made by the
women engineers to the society and provides an opportunity in the Congress
for women engineers to network and participate in the interactions in the
World Leaders of Engineering Profession.

**PRE-CONGRESS WORKSHOPS**

The IEC is organizing pre-congress workshops for limited participants which
will provide excellent opportunity to learn a new skill, enhance the knowledge
about the innovative technologies relating to specific topics.

The event addresses the topic of Emerging Technologies for the students and
working engineers.

The topics are:
1. Bio-Fuels and Fuel Cells
2. Nano-Technology & MEMS
3. Advanced Material Technology and Photonics
4. Digital Manufacturing and 3D Printing
5. Drones in Health Care Logistics
6. Visit to 3D-Printing Lab

**METHODOLOGY FOR PRE-CONGRESS WORKSHOPS**

Methodology of the programme includes lectures or discussions, with audio
or visual aid, sharing of experiences etc. All the sessions will be interactive, and
aimed to encourage active participation from all the participants.

**VISIONARY TALKS**

It is an important part of the Congress. Very eminent visionaries in three or
four vital areas of engineering will be invited to deliver the talks on the future
of the engineering and technology in the years ahead.

**COLLOQUIUM**

The aim of the Colloquium is to
integrate the practicing Engineers, Technologists, Academicians and
Students for exchange of knowledge in various spheres of engineering
disciplines. The Engineers and Technologists are inter-networked
with the economic growth and ensure the uplift of social status of common
man. The Congress will focus on
Colloquiums intended for each of 15
engineering disciplines nurtured in IEI.

Each Colloquium intends to bring
together leading members of the
division to share their experiences
with Corporate Members of IEI of
that particular division.

The outcome of the Colloquium will
contribute new dimensions in
planning sustainable growth of
nation.

**Please visit www. ieitsc.org**

Aerospace Engineering Division
Agricultural Engineering Division
Architectural Engineering Division
Chemical Engineering Division
Civil Engineering Division
Computer Engineering Division
Electrical Engineering Division
Electronics & Telecommunication Engg. Division
Environmental Engineering Division
Marine Engineering Division
Mechanical Engineering Division
Metallurgical & Materials Engg Division
Mining Engineering Division
Production Engineering Division
Textile Engineering Division
PARTICIPATION

Take Away

• Get a feel for what’s current trends in your field of engineering;
• Know the real challenges and solutions for building a futuristic technology;
• Identify the current trends in careers & technology for engineers;
• Develop opportunities for collaborations and partnerships;
• Build a vital knowledge network;
• Visit and see the engineering marvels at exhibition.

REGISTRATION

The Organizing Committee of the Congress is making elaborate arrangements to accommodate as many delegates as possible. However, to avoid possible disappointment, register early as delegate. The fee payable by each category of registered delegates will be as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Registration Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>till 10th Dec. 2019</td>
</tr>
<tr>
<td>Members of IEI</td>
<td>Rs.3500/- + GST 18%</td>
</tr>
<tr>
<td>Non-Members</td>
<td>Rs.4500/- + GST 18%</td>
</tr>
<tr>
<td>Spouses of Participants</td>
<td>Rs.2000/- + GST 18%</td>
</tr>
<tr>
<td>Industry/Research Organizations</td>
<td>Rs.4500/- + GST 18%</td>
</tr>
<tr>
<td>Sr. Technician*/Technician*</td>
<td></td>
</tr>
<tr>
<td>Members, Students ** of College</td>
<td></td>
</tr>
<tr>
<td>Foreign Participants</td>
<td>US$ 500</td>
</tr>
</tbody>
</table>

*To be certified by Head of the Institution)(**Attested Xerox copy of Identify Card; and Bonafide Student/Study Certificate issued by the Head of the Department / Principal of College must be attached with the Registration Form)

The fee payable by each delegate is as mentioned above and the amount should be mentioned in the enclosed Registration Form.

Delegates may deposit fees online also as per Bank details given below and forward us the UTR number as a confirmation of the deposit.

Note: GRANT OF SPECIAL CASUAL LEAVE FOR GOVERNMENT OFFICERS ATTENDING MEETINGS OF SCIENTIFIC INSTITUTIONS.

IEC attracts over 2000 participants and accompanying persons, from India and abroad for three days. The industry leaders, representatives from Government, PSU and Industry & Academic and other stakeholders are expected to participate.

**ADVERTISEMENT IN SOUVENIR**

A Souvenir will be brought out on this occasion containing advertisement, copy of which will be provided to valuable contributors. The Tariff for Advertisement shall be as follows:

<table>
<thead>
<tr>
<th>Advertisement Type</th>
<th>Tariff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Page Inside (Colour) – 2 Delegates Free</td>
<td>Rs. 75000 + GST at prevailing rate</td>
</tr>
<tr>
<td>Full Page Inside (Colour)</td>
<td>Rs. 50000 + GST at prevailing rate</td>
</tr>
<tr>
<td>Half Page Inside (Colour)</td>
<td>Rs. 25000 + GST at prevailing rate</td>
</tr>
<tr>
<td>Full Page Inside Black &amp; White</td>
<td>Rs. 15,000 + GST at prevailing rate</td>
</tr>
<tr>
<td>Half Page Inside Black &amp; White</td>
<td>Rs. 10,000 + GST at prevailing rate</td>
</tr>
</tbody>
</table>

**Note**: GST 18% extra

**EXHIBITION**

**Featured Exhibitors**

An unique opportunity to showcase a myriad of key and emerging technologies from backhaul of entire engineering community. Exhibits will encompass all 15 engineering divisions. In addition, some of the Fora of IEI are invited to showcase their activities. Hence, there are limited opportunity for wide spectrum of engineering community to showcase their technologies, products and prototypes. Exhibitors will have the options to select the right place for their featured product/service to display.

Cost of each stall is Rs. 50,000 + GST 18% Extra. Stalls are distributed on ‘first come first served’ basis. Stall size is 10 ft x 10 ft.

**for details, please contact**

The Exhibition Convener, 34th Indian Engineering Congress
Telangana State Centre, Visvesvaraya Bhavan, Khairatabad
Hyderabad 500 004, Email: iecieitsc@gmail.com
SPONSORSHIP

Sponsorship opportunities at IEC 2019 offers excellent value and return on investments.

At IEC extensive facilities will be available to encourage interaction between conference participants and members of the industry. These include colloquium sponsor, exhibition, meeting room, press-interview room, and conference room. Sponsors are encouraged to make use of these facilities for interviews and for business and product announcements. Sponsors will be given priority over others in the scheduling of these facilities.

**Note:**
All payments are to be made:
1. Online as per bank details given above, or
2. In the form of Demand Draft, or
3. Account Payee Cheque at Hyderabad drawn in favour “M/s 34 INDIAN ENGG CONGRESS THE UNIT OF IEI”. The Registration Form along with said DD/Cheque should be sent to the Organizing Secretary, 34th Indian Engineering Congress, The Institution of Engineers (India), Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad 500 004.

<table>
<thead>
<tr>
<th>Categories</th>
<th>No. of free Delegates</th>
<th>Advertisement in Souvenir</th>
<th>Exhibition Stall</th>
<th>INR Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLATINUM</td>
<td>10</td>
<td>One full page on Back Cover (Colour) + name displayed as Platinum Sponsor</td>
<td>Yes</td>
<td>20 Lac + GST</td>
</tr>
<tr>
<td>DIAMOND</td>
<td>08</td>
<td>One full Front Inner Page (Colour) + name displayed as Diamond Sponsor</td>
<td>Yes</td>
<td>15 Lac + GST</td>
</tr>
<tr>
<td>GOLD</td>
<td>06</td>
<td>One full Inner Page on Back Cover (Colour) + name displayed as Gold Sponsor</td>
<td>Yes</td>
<td>10 Lac + GST</td>
</tr>
<tr>
<td>SILVER</td>
<td>04</td>
<td>One full Inner Page (Colour) on Art Paper + name displayed as Silver Sponsor</td>
<td>Yes</td>
<td>5 Lac + GST</td>
</tr>
<tr>
<td>BRONZE</td>
<td>03</td>
<td>One full Inner Page (Colour) + name displayed as Bronze Sponsor</td>
<td>Yes</td>
<td>3 Lac + GST</td>
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<table>
<thead>
<tr>
<th>Sponsorship for Lunch/Dinner</th>
<th>No. of free Delegates</th>
<th>Advertisement in Souvenir</th>
<th>Exhibition Stall</th>
<th>INR Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>02</td>
<td>One full Inner Page (Colour) + name displayed as Lunch/Dinner Sponsor</td>
<td>Yes</td>
<td>2.5 Lac + GST</td>
</tr>
</tbody>
</table>

**Note : GST 18% extra**

**BANK DETAILS**

1. Name
   M/s 34 INDIAN ENGG CONGRESS THE UNIT OF IEI
2. Bank Name
   STATE BANK OF INDIA
3. BRANCH NAME
   PBB, Raj Bhavan Road Branch, Khairatabad, Hyderabad - 500 004.
4. Account No.
   37301228193 (Current Account)
5. IFSC Code
   SBIN0004159
6. MICR CODE
   500002075
ACCOMMODATION

Accommodation for delegates in various hotels will be made available on request. All the hotels provide basic amenities with extended services on day-to-day charges. A list of prominent hotels is given below:

<table>
<thead>
<tr>
<th>Hotel Name &amp; Address</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hotel Taj Krishna</strong></td>
<td>040-66662323/66292323</td>
</tr>
<tr>
<td>Road #1, Mada Manzil, Banjara Hills, Hyderabad 34</td>
<td></td>
</tr>
<tr>
<td><strong>Taj Deccan</strong></td>
<td>040-66523939</td>
</tr>
<tr>
<td>Road #1, Balapur Basthi, Banjara Hills, Hyderabad 34</td>
<td></td>
</tr>
<tr>
<td><strong>Deccan Serai Hotel</strong></td>
<td>040-40265555</td>
</tr>
<tr>
<td>82 &amp; 84, Raheja Mind Space, Hitech City, Hyderabad, E-mail : <a href="mailto:reservation@deccanserai.com">reservation@deccanserai.com</a></td>
<td></td>
</tr>
<tr>
<td><strong>Treebo Trip Tals Hytek</strong></td>
<td>9100674678</td>
</tr>
<tr>
<td>Plot No. 56, Madhapur, 2 and 56/3, Jubilee Enclave, HITEC City, Hyderabad 81</td>
<td></td>
</tr>
<tr>
<td><strong>FabHotel Siri Inn</strong></td>
<td>07042424242</td>
</tr>
<tr>
<td>Siri Inn, 2(^{nd}) Floor, Hitech City Road, Image Hospital Road, Madhapur, Hyderabad-81</td>
<td>E-mail : <a href="mailto:booking@fabhotels.com">booking@fabhotels.com</a></td>
</tr>
<tr>
<td><strong>Ella Hotel</strong></td>
<td>040-23002488</td>
</tr>
<tr>
<td>Hill Ridge Springs, ISB Road, Gachibowli, Hyderabad, Telangana 500 032</td>
<td></td>
</tr>
<tr>
<td><strong>Daspalla Hotel</strong></td>
<td>08978934567 08978944433</td>
</tr>
<tr>
<td>Road Number 37, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500 033</td>
<td></td>
</tr>
<tr>
<td><strong>Hotel Hyderabad Grand</strong></td>
<td>077299 92786</td>
</tr>
<tr>
<td>11-2/4, &amp; 11-2/5 Madhura Nagar, Shamshabad, Hyderabad, Telangana 501 812</td>
<td><a href="mailto:info@hotelhyderabadgrand.com">info@hotelhyderabadgrand.com</a></td>
</tr>
<tr>
<td><strong>Hotel Rainbow International</strong></td>
<td>09177682641</td>
</tr>
<tr>
<td>Plot No. 29 &amp; 30, Beside Tredent Hospital, Opp. Hotel Hyderabad Grand, Shamshabad, Hyderabad, Telangana 501 218</td>
<td></td>
</tr>
<tr>
<td><strong>Trance Jupiter Hitech</strong></td>
<td>07995571981</td>
</tr>
<tr>
<td>Survey No. 60 &amp; 71, Plot No. 149, 150 Hanuman Nagar, Raghavendra Colony, Kondapur, Hyderabad, Telangana 500 084</td>
<td></td>
</tr>
<tr>
<td><strong>Oyster Airport Hotel</strong></td>
<td>090323 53535 08008833535</td>
</tr>
<tr>
<td>Brindavan Gardens, 5-12/1, Nehru ORR, Shamshabad, Hyderabad, Telangana 501 218</td>
<td></td>
</tr>
</tbody>
</table>

If you need accommodation please contact directly to the above Hotels.
**HOW TO REACH HYDERABAD**

Transportation from airport, railway stations and bus stations will be arranged on request against payment for all registered delegates and if intimation is received in advance to the organizers.

Hyderabad airport is located 35 km away from the venue, which can be covered in an hour depending on the traffic scenarios. Special buses are available to various destinations in Hyderabad from airport. There are three main railway stations namely Hyderabad Deccan, Secunderabad and Kacheguda to reach venue in Hyderabad.

**WELCOME TO HYDERABAD**

**Places of interest in and around Hyderabad**

The capital city of the State of Telangana is Hyderabad. It is the fifth largest city in India with an ancient civilization and culture. A multitude of influences has shaped the character of the city. Its palaces and buildings, houses and tenements, hills and lakes, streets and gardens have a historical and architectural importance, individually of their own, which make Hyderabad, a city of enchantment.

Sight-seeing at Hyderabad are Charminar, Golconda Fort, Salarjung Museum, Kutub Shahi Tombs, Sri Venkateswara Temple (Birla Mandir), Hussain Sagar Buddha Statue, Musical Fountain Show and Ramoji Film City.

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Website: www.ieitsc.org | www.iec2019hyderabad.in
## TENTATIVE POGRAMME

### 27th December 2019 - Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.30 h – 09.30 h</td>
<td>Registration</td>
</tr>
<tr>
<td>09.30 h – 10.30 h</td>
<td><strong>Inaugural Ceremony</strong></td>
</tr>
<tr>
<td>10.30 h – 11.00 h</td>
<td>Inauguration of Exhibition</td>
</tr>
<tr>
<td>11.00 h – 11.15 h</td>
<td>TEA</td>
</tr>
<tr>
<td>11.15 h – 11.45 h</td>
<td><strong>62nd Sir Mokshagundam Visvesvaraya Memorial Lecture</strong></td>
</tr>
<tr>
<td>11.45 h – 12.45 h</td>
<td><strong>Glimpses of Engineering Personalities</strong></td>
</tr>
<tr>
<td>12.45 h – 13.45 h</td>
<td>Technical Session I, Inauguration of Seminar and Keynote Address</td>
</tr>
<tr>
<td>13.45 h – 14.30 h</td>
<td>LUNCH</td>
</tr>
<tr>
<td>14.30 h – 15.15 h</td>
<td><strong>54th Nidhu Bhushan Memorial Lecture</strong></td>
</tr>
<tr>
<td>15.15 h – 16.00 h</td>
<td><strong>45th Bhaikaka Memorial Lecture</strong></td>
</tr>
<tr>
<td>16.00 h – 17.30 h</td>
<td>Technical Session II</td>
</tr>
<tr>
<td>17.30 h</td>
<td>IEI Prizes &amp; Awards</td>
</tr>
<tr>
<td>1900 h – 20.30 h</td>
<td>Cultural Programme and Congress Dinner</td>
</tr>
</tbody>
</table>

### 28th December 2019 - Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10.00 h – 11.00 h</td>
<td><strong>41st Sir Rajendra Nath Mookerjee Memorial Lecture</strong></td>
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<tr>
<td>11.00 h – 11.15 h</td>
<td>TEA</td>
</tr>
<tr>
<td>11.15 h – 12.00 h</td>
<td><strong>32nd Dr Ajudhia Nath Khosla Memorial Lecture</strong></td>
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<tr>
<td>12.00 h – 13.45 h</td>
<td>Technical Session III</td>
</tr>
<tr>
<td>13.45 h – 14.15 h</td>
<td>LUNCH</td>
</tr>
<tr>
<td>14.15 h – 15.00 h</td>
<td><strong>28th Dr Amitabha Bhattacharya Memorial Lecture</strong></td>
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<tr>
<td>15.00 h – 16.45 h</td>
<td>Technical Session IV</td>
</tr>
</tbody>
</table>

### 29th December 2019 - Day 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>10.00 h – 10.45 h</td>
<td><strong>9th C S Jha Memorial Lecture</strong></td>
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<tr>
<td>10.45 h – 11.15 h</td>
<td>TEA</td>
</tr>
<tr>
<td>11.15 h – 12.00 h</td>
<td><strong>5th K L Rao Memorial Lecture</strong></td>
</tr>
<tr>
<td>12.00 h – 12.45 h</td>
<td>Women Engineers Meet</td>
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<tr>
<td>12.45 h – 13.30 h</td>
<td>IEI Alumni Meet</td>
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<tr>
<td>13.30 h – 14.15 h</td>
<td>LUNCH</td>
</tr>
<tr>
<td>14.30 h – 15.15 h</td>
<td><strong>100th Annual General Meeting (Corporate Members of IEI)</strong></td>
</tr>
<tr>
<td>15.15 h – 16.00 h</td>
<td>Valedictory Session of the Congress</td>
</tr>
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