



A Century of Service to the Nation

GUIDEBOOK

for

Engineering Divisions and
other Technical Activities

The Institution of Engineers (India)

(An ISO 9001:2015 Certified Organization)

8, Gokhale Road, Kolkata 700 020



The Institution of Engineers (India)

AN ISO 9001 : 2015 CERTIFIED ORGANISATION
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A Century of Service to the Nation

FOREWORD

The technical activities of the Institution, organized mostly under the aegis of different Division Boards / Committees, are in a sense the public face of the Institution through which we reach out not only to the greater engineering fraternity but also to the general public. It is, therefore, essential that these activities follow basic norms so as to maintain the status / image of our premier engineering professional body in the country.

This revised edition of the '**Guidebook for Engineering Divisions and Other Technical Activities**', as recommended by CATE and approved by Council, will go a long way to help the Division Boards and the Centres spread all over the country, in organizing technical activities according to the approved norms and rules that address the changing needs of the Institutions.

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President, IEI

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Guidebook for Engineering Divisions and other Technical Activities

(as Amended ★)

1.0. HISTORICAL BACKGROUND

As India embarked on its industrial development, the status of the engineering profession became a matter of higher importance and it received public prominence in the Report of the Industrial Commission 1916-18. There were endeavours to advance an industrial society to safeguard and assure the status of the profession.

Sustained efforts by a group of Indian and British engineers brought “**The Institution of Engineers (India)**” into being and the Institution was registered on September 13, 1920 under the Indian Companies Act of 1913 with Madras as the “**Province of Registration**”. The Registered Office was shifted to Calcutta on November 11, 1920.

In his Presidential Address at the formal inauguration of the Institution on February 23, 1921, Sir Rajendra Nath Mookerjee said, “The Institution of Engineers (India) which came into being on the September 13, 1920 is the result of general desire of those engineers in India who are members of the great parent Institution in England — the Institution of Civil Engineers, Mechanical Engineers and Electrical Engineers, to form a corporate body which should protect their interest, provide means of exchange of views on professional engineering matters and medium of expression of authoritative opinions on engineering problems of public interest”.

Subsequently, The Institution of Engineers (India) was incorporated by Royal Charter in 1935 with the following objectives (as per Clause 2 of the Royal Charter).

“to promote and advance the science, practice and business of Engineering in all its branches (hereinafter referred to as “Engineering”) in India”.

“to establish, subsidise, promote, form and maintain Local Associations of members belonging to the Institution and others engaged or interested in Engineering so as to assure to each individual member as far as may be possible equal opportunity to enjoy the rights and privileges of the Institution”.

“to diffuse among its members information on all matters affecting Engineering and to encourage, assist and extend knowledge and information connected therewith by establishment and promotion of lectures, discussions or correspondence; by the holding of conferences; by the publication of papers, periodicals or journals, books, circulars and maps or other literary undertaking; by encouraging research work; or by the formation of a library or libraries and collection of models, designs, drawings and other articles of interest in connection with Engineering or otherwise howsoever”.

★ 99th Meeting of CATE and subsequently 633rd Meeting of Council, Dehradun, June 2005; 115th Meeting of CATE and subsequently 661st Meeting of Council, Ranchi, September 2010; 668th Meeting of Council, Bangalore, December 2011; 119th Meeting of CATE and subsequently 670th Meeting of Council, Ahmedabad, March-April 2012; 121st Meeting of CATE and subsequently 673th Meeting of Council, Kolkata, September 2012; 122nd Meeting of CATE and subsequently 675th Meeting of Council, Hyderabad, March 2013; 123rd Meeting of CATE and subsequently 676th Meeting of Council, Ranchi, June 2013; 124th Meeting of CATE, Shimla, September 28, 2013; 125th Meeting of CATE and subsequently 680th Meeting of the Council, Coorg, March 2014; 126th Meeting of CATE and subsequently 682nd Meeting of Council, Pachmarhi, June 2014; 127th Meeting of CATE and subsequently 683rd Meeting of Council, Agartala, September 2014; 128th Meeting of CATE and subsequently 685th Meeting of Council, Chandigarh, April 2015; 129th Meeting of CATE and subsequently 686th Meeting of Council, Kuala Lumpur, June, 2015; 130th Meeting of CATE and subsequently 687th Meeting of Council, Kochi, September 2015; 131st Meeting of CATE and subsequently 689th Meeting of Council, Ahmedabad, March 2016; 132nd Meeting of CATE and subsequently 690th Meeting of Council, Durgapur, June 2016; 133rd Meeting of CATE and subsequently 691st Meeting of Council, Haridwar, September 2016; 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017; 135th Meeting of CATE and subsequently 696th Meeting of Council, New Delhi, July 2017; 136th Meeting of CATE and 698th Meeting of Council, Shimla, September 28, 2017; 137th Meeting of CATE and subsequently 700th Meeting of Council, Hyderabad, March-April 2018; 140th Meeting of CATE and subsequently 704th Meeting of the Council, Mussoorie, March 2019; 144th Meeting of CATE and subsequently 713th Meeting of Council, Hyderabad, March 26-28, 2022; Approved during 145th Meeting of CATE and subsequently 715th Meeting of Council, Kandaghat, 18 June 2022; Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022; Approved during 147th Meeting of CATE and subsequently 720th Meeting of Council, Hyderabad, 26-27 March 2023; Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023; Approved during 723rd Meeting of Council, Guwahati, 24-25 September 2023; Approved during 150th Meeting of CATE and subsequently 725th Meeting of Council, Hosur, 29-31 March 2024; Approved during 152nd Meeting of CATE and subsequently 727st Meeting of Council, Hyderabad,



“to promote the study of Engineering with a view to disseminate the information obtained for facilitating the scientific development of Engineering in India”.

“to establish, acquire, carry on, control or advise with regard to colleges, schools or other educational establishments where students and apprentices may obtain a sound education and training in Engineering on such terms as may be settled by the Institution”.

“to encourage, regulate and elevate the technical and general knowledge of persons engaged in or about to engage in Engineering or in any employment-manual or otherwise in connection therewith and with a view thereto to provide for the holding of classes and to test by examination or otherwise the competence of such persons and to institute and establish professorships, studentships, rewards and other benefactions and to grant certificates of competency whether under any Act of the Government of India or the Local Governments regulating the conduct and qualifications of Engineers or otherwise howsoever”.

“to give the Government of India, the Local Governments and Municipalities and other public bodies and others, facilities for conferring with and ascertaining the views of Engineers as regards matters directly or indirectly affecting Engineering and to confer with the said Governments, Municipalities and other public bodies and others in regard to all matters affecting Engineering”.

“to encourage inventions and investigate and make known their nature and merits”.

“to arrange and promote the adoption of equitable forms of contracts and other documents used in Engineering and to encourage the settlement of disputes by arbitration and to act as or nominate arbitrators and umpires on such terms and in such cases as may seem expedient”.

“to promote efficiency and just and honorable dealing and to suppress malpractice in Engineering”.

“to do all such other acts and things as are incidental or conducive to the attainment of the above objects or any of them”.

In order to fulfill its basic objectives, the Institution has always endeavored to synthesize an amalgam of academic and practical training with experiences. In order to perform better, the Institution grouped its members into Divisions according to their expertise in a particular discipline of engineering. The Institution now has **fifteen Engineering Divisions**, namely,

<ul style="list-style-type: none"> • Civil Engineering Division • Electrical Engineering Division • Mechanical Engineering Division 	Established in 1954
<ul style="list-style-type: none"> • Chemical Engineering Division • Electronics and Telecommunication Engineering Division • Mining and Metallurgical Engineering Division (bifurcated to Mining Engineering Division and Metallurgical and Materials Engineering Division in 1984) 	Established in 1961
<ul style="list-style-type: none"> • Public Health Engineering Division (now known as Environmental Engineering Division) 	Established in 1962
<ul style="list-style-type: none"> • Aeronautical Engineering Division (now known as Aerospace Engineering Division) • Agricultural Engineering Division • Architectural Engineering Division • Marine Engineering Division • Textile Engineering Division 	Established in 1978
<ul style="list-style-type: none"> • Computer Engineering Division • Production Engineering Division 	Established in 1984

These Divisions have the mandate to devote their efforts, individually or jointly with one or more other Divisions, towards the search of common knowledge and product technologies within their respective or an interdisciplinary domain. These Divisions are directed to take active steps to establish close liaison between the Institution and its members and the policy makers. In order to broaden and strengthen the service of the Institution to the technical community and the public, these Divisions are also directed to actively encourage research and



developmental programmes through various promotional aids like lectures, seminars, workshops and other educational programmes.

A Division Board may also recommend of Thrust & Emerging Areas of Technology ([APPENDIX I](#)) to the Council through the Committee for Advancement of Technology and Engineering (CATE).

Technical publications of Engineering Divisions form one of the most important tools of communication designed to bridge the gap between the latest developments and the available existing knowledge in the respective fields of engineering and technology.

The Journal of the Institution, which was being published to contain articles on various disciplines, was subsequently segmented to deal on the disciplines of engineering having Divisions and one part for interdisciplinary matters. To augment the quality of the Journals, the Institution has signed the Co-publishing Agreement with Springer (India) Pvt. Ltd., New Delhi, on August 10, 2011. Both the Institution and Springer have agreed for the common cause of improvement in the quality of Journals, impact factor, citation index and also to improve the global visibility.

Besides this, with the objective to disseminate the technical knowledge and information pertaining to IEI, monthly tabloid in the form of IEI News is brought out. In addition, e-Newsletter of the Institution, IEI-Epitome, dedicated to Corporate Members and Institutional Members of IEI, is being published since February 2016. Also a theme based magazine 'Technorama' published for engineering profession and decision makers on self-financing mode. Apart from Newsletter, Annual Technical Volumes of various Engineering Divisions are also published. A Division Board may also bring out special publications such as Monographs, on topics of current interest, proceedings of seminars / symposia, etc. A Compendium based on Research & Development Projects under IEI Grant-in-Aid scheme is brought out annually under the patronage of Research and Development Committee of the Institution. The National Languages Promotional Committee (NLPC) also publishes its Annual Technical Magazine — Abhiyanta Bandhu. Besides, for the benefit of Technicians / Senior Technicians / Students, the Technicians' Journal and Students' Newsletter are also published.

2.0

THE COUNCIL

The Governance and control of the Institution and its affairs vest with the Council and the said Council is required to function with intent to give effect to the provisions of the Royal Charter and the Bye-Laws of the Institution. The Council is empowered to constitute Committees and Division Boards for smooth functioning in all spheres and to frame rules to be followed by these Committees and Division Boards in order to fulfill the objectives of the Institution in an organized and uniform fashion.

3.0

COMMITTEE FOR ADVANCEMENT OF TECHNOLOGY AND ENGINEERING (CATE)

The Council is also required to constitute a Committee for Advancement of Technology and Engineering (CATE) to give particular attention to : promotion of research; development of appropriate technology; building up design talent; development and promotion of engineering information services; formulation and implementation of norms and standards for technical activities including publications of the Institution; continuous vigilance on science and technology policies of the nation; coordination of technical education with research and industrial development; and coordination of interdisciplinary activities. The condensed Report of National Convention, to be reported to CATE is enclosed as [APPENDIX II](#).

4.0

DIVISION BOARD

The Council of the Institution comprises, inter alia, members representing the Divisions and the Centres. The Bye-Laws of the Institution require the Council to constitute Division Boards with the members of the Council as members according to their attachment to the Divisions. In the event of the strength of a Board being less than three, the Council may co-opt Corporate Members attached to that Division to make-up the strength. One of them shall be nominated as the Chairman of the Board for a term not exceeding two sessions.



5.0 OBJECTIVES OF A DIVISION BOARD

The objectives of a Division Board are :

- (i) To develop a closer and more effective relationship among engineers those who educate the profession as well as those who are being educate;
- (ii) To maintain and expand the competence of the members and promote various inter-disciplines in engineering by organizing continuing education of engineers on subjects of identified priorities; and
- (iii) To encourage the members and other engineers to participate in deliberations and actions devoted to community welfare through beneficial applications of engineering.

6.0 RESPONSIBILITIES OF A DIVISION BOARD

A Division Board has the following major responsibilities as in the discharge of its duties:

- (i) Interact with National Bodies where Institution is represented.
- (ii) Maintain liaison with the Government agencies and Groups relevant to the scope of the Divisions and thereby monitor the development of national plans and policies on technical matters of interest to the Divisions.
- (iii) Keep a strict vigil on the national standards (pertaining to Divisions) and arrange to forward the views of the Divisions on these standards to the BIS through the appropriate Institution's representatives.
- (iv) Locate and point out specific fields where Indian Standards pertaining to the Divisions either do not exist or are inadequate.
- (v) Liaise with MHRD, AICTE, UGC, CSIR, DST, ICAR, NRDC, UNESCO, etc to identify foreign technical experts visiting India and involve them in technical activities of the Divisions as far as practicable.
- (vi) Sponsor National Conventions, All India Seminars, One-Day Seminars/Workshop, Symposia, Round Tables, Panel Discussions, etc; monitor the resolutions, conclusion and recommendations of those activities and ensure that necessary follow-up actions on such resolutions, conclusion and recommendations are taken at appropriate levels.
- (vii) Organize at least one All India Seminar every year dealing with on-going national activities in addition to National Convention each year.
- (viii) Monitor regular publication of IEI-Springer Journal with quality publications depicting original research in thrust areas, design, product and process development, future trends in R&D and development work along with review and state-of-art papers and 'R&D Focus'.
- (ix) Each Division Board may form a Core Group consisting of eminent engineers from all over the country and abroad in that particular discipline, who may or may not be Member of IEI. The Core Group will scrutinize the recommendations emanated from National Convention and All India Seminar/ Workshops/ Conferences and suggest further course of action on it. Detailed guidelines for constituting Core Group have been attached as **APPENDIX III**.

7.0 ATTACHMENT OF CORPORATE MEMBERS

The Corporate Members shall be attached to one Division only based on their educational qualifications approved by the Council and the field of engineering in which they practice at the time of their admission to the Institution. But, if so qualified for attachment to more than one Division, a Corporate Member shall be allowed to select and change to the Division to which he/she would like to be attached. The Council may, however, at its discretion, allow the transfer from one Division to another provided the member establishes to its satisfaction that he/she deserves such transfer on account of change in the field of his/her practice of engineering subsequent to his/ her election as a member. The responsibility of the Council is vested with the Board of the Division to which the member seeks transfer.

8.0 ADMINISTRATION

A Division Board, constituted as per provision of Bye-Laws, shall be responsible to manage,



supervise and guide the activities under the Division in accordance with the rules laid down from time to time by the Council. The Council shall have the power to vary the rules, as they may deem fit, subject always to the provisions of the Charter and the Bye-Laws.

9.0

FINANCIAL MANAGEMENT

The Council allocates funds to the Division Boards for utilization through its activities as per the norms given in **APPENDIX IV**.

However, all activities organized by a Centre of the Institution under the auspices of one or more Division Boards should not only be self-financing but also generate surplus to add to the funds of the Centre. The grant, if any, from the funds allocated to the Division Board should, therefore, be supplemented with those raised by way of registration fees and contributions from governments, local industries, etc.

The grant from the funds of the Division Boards shall be utilized only for activities exclusively of technical nature [for example, publication of pre-prints of articles, proceedings, memorials lecture(s), etc] and no part of it shall be utilized, under any circumstances for defraying expenses incurred for travelling or general purposes.

*N.B.: All payments should be made in favour of 'The Institution of Engineers (India) (name of respective State / Local Centres)' where the Technical Activity will be organized. Funds will be managed in accordance with Bye-Laws 111 and Regulation 45 of the Institution. The quantum and mode of release of grant from Division Board will be in accordance with **APPENDIX IV** or as decided time to time by Council.*

10.0

TECHNICAL ACTIVITIES OF CENTRES

The Centres shall organize, on regular basis, lectures to be delivered by experts available locally.

In addition to Division sponsored activities, the Centres may also organize the following activities without any financial support from a Division Board and involve only the support and the participation as may be available from their respective geographical boundaries.

- Seminar;
- Workshop;
- Round Table;
- Panel Discussion;
- Continuing Education Course.

Each Centre is required to submit a report on its technical activities every quarter (April-June, July-September, October-December, January-March) in prescribed **Format**, given in **APPENDIX V** and based on the same, consolidated report for all quarters are prepared by the HQ in prescribed format for submission to CATE.

11.0

INDIAN ENGINEERING CONGRESS

The Council of The Institution of Engineers (India) decided, at its *529th Meeting held at Bombay on June 9, 1985*, to organize every year 'The Indian Engineering Congress' at one of its Centres with the intention of having an enlarged participation of engineers from within the country and abroad and to provide a forum for effective and purposeful interaction amongst the member and non-member engineers and public and diffusion of knowledge as well as experience to infuse new thinking.

11.1.

OBJECTIVE

The Council shall decide the theme of the Congress and the Congress will precede the Annual General Meeting of the Corporate Members of the Institution. A Seminar on the theme will be organized to provide a forum to bring together engineers belonging to different disciplines and also non-engineers who are interested in the topic for



exchange of experiences, to evolve new concepts and to broaden general understanding. The Congress being the apex technical activity of the Institution, an all-out effort should be made to make the event a grand success and for this purpose, a close liaison between the Host Centre and the HQ is necessary. The Congress is an occasion where delegates representing foreign professional societies having bilateral relationship with the Institution also participate.

11.2. PROGRAMME STRUCTURE

Indian Engineering Congress comprises the following technical activities:

- Inaugural Session of Congress;
- Inaugural Session of Congress Seminar on a theme specified by the Council;
- Memorial Lectures (for details, see **APPENDIX VI**);
- Glimpses of Engineering Personalities;
- Technical Sessions of Congress Seminar;
- Prize and Awards Ceremony;
- IEI Alumni Meet;
- Women Engineers Meet;
- Engineering Colloquium;
- Concluding Sessions of Congress Seminar;
- Valedictory Sessions of the Congress;
- Engineering Exhibition.

On the social side, the Host Centre shall organize cultural programmes, Congress dinner, local sightseeing tours, out-station tours and ladies programmes.

11.3. ORGANIZATION SET-UP

The organizational set-up for the Congress shall comprise the following

- National Advisory Committee;
- National Steering Committee;
- Organizing Committee.

The Council of the Institution shall constitute the National Advisory Committee and the National Steering Committee.

The National Steering Committee shall have the following responsibilities:

- (a) Finalization of Patrons;
- (b) Approval of the draft programme of Congress;
- (c) Finalization of
 - (i) The Chief Guest;
 - (ii) The Speakers for Memorial Lectures;
 - (iii) Glimpses of Engineering Personalities (to be felicitated at the Congress).
- (d) Review of
 - (i) The venue;
 - (ii) The accommodation;
 - (iii) The registration fees;
 - (iv) Hospitality norms;
 - (v) Publicity arrangements.
- (e) Review of strategy for resource mobilization

The Committee of the Host Centre shall constitute the Organizing Committee to have one Chairman, one Co-Chairman, one Organizing Secretary and a few members. The Organizing Committee shall constitute several functional committees to look after various components of the entire programme.



Suggested Functional Committees are Registration, Resource Mobilization, Seminar, Souvenir, Accommodation and Transport, Tours, Ladies Programmes, Logistics, Hospitality, Cultural Programme, Volunteer and Medical Aid Committees.

11.4.

NODAL DATES

The Council of The Institution of Engineers (India) decided to organize Congress during the period of December every year. With the Congress being held in December, the following nodal dates are suggested :

• Finalization of Host Centre, dates of Congress and Congress theme	:	Last day of March
• Constitution of National Advisory Committee, Organizing Committee and Functional Committees	:	Last day of March
• Constitution of National Steering Committee	:	Middle of April
• Submission of the draft Information Brochure to the IEI HQ by the Host Centre	:	Last day of April
• Finalization of Speakers of Memorial Lectures and Personalities to be felicitated at the session of 'Glimpses of Engineering Personalities' ★	:	Last day of May
• Preparation and printing of First Information Brochure	:	Last day of June
• Dispatch of First Information Brochure for Congress Seminar	:	Last day of June
• Obtaining clearance certification from the Nodal Ministry, Ministry of External Affairs and Home Ministry, Government of India ★	:	Last day of June
• Obtaining the full text of Memorial Lectures, life sketches of Engineering Personalities ★	:	Last day of September
• Finalization of the Chief Guest ★	:	Last day of October
• Printing of Memorial Lectures and Booklet on "Glimpses of Engineering Personalities" ★	:	Last day of October
• Finalization of Prize and Awards	:	Last day of October
• Finalization of IEI Industry Excellence Award		First week of November
• Obtaining the full text of the Address of Chief Guest ★	:	First week of November
• Obtaining the full text of the Address of the President (Elect) ★ and printing of the same	:	Middle of November
• Printing of Seminar Articles	:	Last week of November
• Printing of Address of the Chief Guest ★	:	Last week of November

★ Responsibilities of the IEI HQ

The Organizing Committee shall decide and notify through Information Brochure the nodal dates for the Congress Seminar as suggested below:

• Submission of synopsis	:	Last day of July
• Intimation to author in respect of acceptance of synopsis	:	Last day of August
• Submission of full text of the article by the author	:	Last day of October
• Intimating the authors regarding session details	:	Middle of November
• Printing of reprints of the Seminar articles	:	First week of December



The above items are the sole responsibilities of the Host Centre. For this purpose, the Information Brochure in respect of the Congress Seminar shall provide all details which are to be followed by authors.

11.5. FUND MOBILIZATION

The fund for organizing the Congress shall comprise the following

- Grant from the HQ (**APPENDIX IV**);
- Registration and other fees;
- Co-sponsorship / collaborator ship fees, donations and grants;
- Charges of advertisements in Souvenir Volume;
- Charges for Exhibition Stalls.

11.6. REGISTRATION FEE

In order to encourage large participation, the Registration Fees shall be kept as low as possible and more stress should be given by the Host Centre on collecting funds by way of co-sponsorship, collaborator ship fees, donations, government grants, advertisements in the Souvenir volume and exhibitions.

The registration fees should preferably be in categories, namely, Corporate Members and Technician / Student Members of the Institution. Higher scale of registration fees may be fixed for members sponsored by any organization or government departments and for non-members. A separate scale of registration fees should be fixed for guests, spouses of the registered delegates and the authors of technical articles contributing in the Congress Seminar.

A format of **Registration Form** is enclosed as **APPENDIX VII**.

Host Centre may consider online registration through a dedicated website for the Congress which will have a link in the IEI's portal.

11.7. SUGGESTED DAY-TO-DAY PROGRAMME

Day 1	:		Registration
Day 2	:	1 st Half	Registration, Inaugural Session of the Congress, Presentation of IEI Industry Excellence Award, SQF, NDRF Awards and Institution Prizes (four categories only), Sir M Visvesvaraya Memorial Lecture
	:	2 nd Half	Inauguration of Congress Seminar, Engineering Colloquium, Glimpses of Engineering Personalities, Bhaikaka Memorial Lecture, Presentation of Prizes
	:	Evening	Congress Dinner
Day 3	:	1 st Half	Technical Session I, Sir R N Mookerjee Memorial Lecture, Technical Session II, Nidhu Bhushan Memorial Lecture, Engineering Colloquium, Women Engineers Meet
	:	2 nd Half	Technical Session III, Dr A N Khosla Memorial Lecture Technical Session IV, Adjourned Council Meeting
	:	Evening	Cultural Programme
Day 4	:	1 st Half	Technical Session V, Dr Amitabha Bhattacharyya Memorial Lecture, Technical Session VI, Prof C S Jha Memorial Lecture, Dr K L Rao Memorial Lecture*, Engineering Colloquium
	:	2 nd Half	Annual General Meeting, Valedictory Session of the Congress
	:	Evening	Meeting of the New Council
Day 5	:		Post Congress Tour



* [Approved during 133rd Meeting of CATE and subsequently 691st Meeting of Council, Haridwar, September 2016]

11.8. **SUGGESTED DETAILED PROGRAMME**

The details of programmes related to various technical activities of Indian Engineering Congress are as follows:

11.8.1. **Inauguration of the Congress**

The structure of the programme of the Inaugural Session of the Congress shall be as follows:

- National Anthem (if President of India / Vice President of India / Prime Minister of India / Governor of the State is / are present);
- Invocation;
- Welcome Address by the Chairman of the Host Centre / Organizing Committee;
- Address by President, IEI;
- Distribution of IEI Industry Excellence Award, SQF and NDRF Awards and Institution Prizes (4 categories only);
- Inaugural Address by the Chief Guest;
- Vote of thanks by Secretary & Director General, IEI.

The President, IEI shall chair the Inaugural Session of the Congress.

11.8.2. **Inauguration of the Congress Seminar**

The structure of the programme of the Inaugural Session of Congress Seminar shall be follows:

- Welcome Address by the Chairman, Technical Committee;
- About the Seminar by the Convenor, Technical Committee;
- Address by President, IEI;
- Special Lecture on the Theme of Congress Seminar;
- Inaugural Address by the Chief Guest of the Seminar;
- Vote of thanks by the Honorary Secretary of the Host Centre / Organizing Secretary.

The Chairman, Technical Committee, shall preside over this session.

11.8.3. **Memorial Lectures**

The structure of the programme of Memorial Lecture Sessions shall be as follows:

- Welcome Address by the Chairman of the Session;
- Background of the Lecture and introduction of the speaker by Secretary & Director General, IEI;
- Memorial Lecture Presentation;
- Vote of thanks by Secretary & Director General, IEI.

The President of IEI or a Corporate Member nominated by him shall chair this session



11.8.4. **Glimpses of Engineering Personalities**

The structure of the programme of Glimpses of Engineering Personalities Sessions shall be as follows:

- Welcome Address by President, IEC;
- Introduction of Personalities by Secretary & Director General, IEC;
- Address by the Personalities;
- Vote of thanks by the Secretary & Director General, IEC.

The President, IEC shall chair this session.

11.8.5. **Concluding Session of Congress Seminar**

The structure of the programme of Concluding Session of the Congress Seminar shall be as follows:

- Welcome Address by the Chairman, Technical Committee;
- Reporting by Rapporteurs of all Technical Sessions;
- Finalization of Recommendations;
- Vote of thanks by the Convener, Technical Committee.

The Chairman, Technical Committee, shall preside over this session.

11.8.6. **Valedictory Session of the Congress**

The structure of the programme of Concluding Session of the Congress Seminar shall be as follows:

- Welcome Address by the Chairman, Organizing Committee;
- Reporting by the Organizing Secretary;
- Introduction of President by outgoing President ;
- Response by Delegates (from the floor);
- Address by the President, IEC;
- Vote of thanks by the Honorary Secretary of the Host Centre.

The Chairman of the Organizing Committee shall preside over this session.

For details of **Seating Plans** and format of **Invitation Cards**, please see **APPENDIX VIII** and **APPENDIX IX**, respectively.

12.0. **DIVISION-SPONSORED ACTIVITY**

The activities sponsored by a Division, which may be hosted by a Centre, are National Convention, All India Seminar/ Workshop, One-Day Seminar/ Workshop, Round Table, Workshop, Panel Discussion and Continuing Education Course.

12.1. **GUIDELINES FOR NATIONAL CONVENTION**

The National Convention of an Engineering Division is the apex technical activity of the Division itself, which is organized annually to a place decided by the Division Board initially and subsequently approved by the CATE / Council.

12.1.1. **Objective**

The National Convention, sponsored by a Division, is the apex activity held once a year aiming at achievement of technical and professional growth through intensive technical content and mutual interaction. A National



Convention shall seek to achieve maximum involvement and participation of members and non-members as well. This is the activity, which also aims at establishing liaison between the Institution, its members and the policy makers. The organization of a National Convention, therefore, requires full attention of the Host Centre and a long-term planning with adequate support from the HQ and concerned Division Board.

12.1.2. Nomenclature

This activity shall be designated in the following style.

Sixteenth National Convention of Environmental Engineers
or
Sixteenth National Convention of Metallurgical and Materials Engineers

12.1.3. Programme Outline

A National Convention shall be a multi-activity capsule comprising the following elements:

- (a) National Seminar;
- (b) Memorial Lectures (for details, see [APPENDIX X](#));
- (c) State-of-the-art Lecture;
- (d) National Conventions should be organised on a contemporary topic identified by the Board; ♦
- (e) National Conventions may be organized in association with NITs, IITs, Government Engineering Colleges, and reputed Private Colleges, who are IMs; ♦
- (f) The Technical Publication of the National Convention should be taken care by the Technical Department, IEI HQ, starting from "Call for Papers", Review and Compilation; ♦
- (g) Eminent Speakers from Academia and Industry should be invited in the National Conventions; ♦
- (h) Felicitation of **Eminent Engineers** (maximum four persons); ♦ ✕ ♦
 - Modalities for felicitation of eminent engineering personalities: ♦
 - For major divisions out of maximum four dignitaries to be felicitated, two should be from the State of the Host Centre and two from outside the state. It is further recommended that nominations should be from four categories namely industry, R&D, academics and Government organisations.
 - For smaller divisions, three dignitaries to be felicitated – at least one should be from the State of the Host Centre and the other(s) from outside the state. It is further recommend that out of three dignitaries, one will be from Industry/Government organisations and the rest from academics/R&D.
 - Selection of Eminent Engineering Personalities may be broadly guided by judging their eminence depending upon the following criteria:
 - Eminent Engineers should be a **Fellow Member** ■ of IEI;
 - He should be of the same engineering branch; ■
 - Members of the Division Board, Council Members and Committee Members of the Centre should not be felicitated as Eminent Engineers; ■
 - The Board further directed that above may be recommended to CATE and made applicable for all Divisions; ■
 - At least in the level of Chief Engineer with more than 30 years experience in major Govt. Departments.
 - At least in the level of Executive Director with more than 30 years experience in Central PSUs.
 - At least in the level of Managing Director with more than 30 years experience in State PSUs.



- At least in the level of Vice President in any Corporate House having turnover more than 1000 crores.
 - At least in the level of Managing Director in any Corporate House having turnover more than 200 crores.
 - At least in the level of Managing Director/Proprietor of any Consultancy Organisation having turnover more than 10 crores.
 - At least in the rank of Professor for 10 years with more than 30 years experience in NAAC accredited Engineering Institute.
 - At least Scientist 'G' with more than 30 years experience in Scientific and R&D Institutes.
 - Having wide recognition in society in national level due to his / her social contribution.
 - Recognised by Government of India with State Awards (Bharat Ratna or Padma Awards).
 - Having exceptional contribution in any National Mission of Scientific and Technical relevance.
 - Nominations for Eminent Engineering Personalities should include a detailed bio data with photographs of the concerned person along with the justification to support his/her eminence.
- Maximum three to four Eminent Engineers should be felicitated in the National Convention; ✖
 - All the Eminent Engineers who will be selected for felicitation should make a technical presentation in the Convention; ✖
 - The names of the Eminent Engineers and Speaker(s) of the Memorial Lecture should be finalized by the Host Centre in consultation with the Chairman of the respective Division Board. The formal invitation to the Eminent Engineers and Speaker(s) of the Memorial Lecture should be made by the Host Centre with a copy to the Technical Department at IEI HQ. No TA / DA will be provided from the HQ to the Eminent Engineers and Speaker of the Memorial Lecture for attending the Convention; ⚡
 - As a customary, plaques are presented to the Eminent Engineers and Speaker(s) of the Memorial Lecture. These plaques are prepared by the HQ as per the prescribed design and format. The Centre should forward details of the Speaker(s) of Memorial Lecture and Eminent Engineers for preparation of the plaque. The cost of the plaques will be borne from the grant of the National Convention. Further, citations will be presented to the eminent engineering personalities during the Convention; ⚡
 - The Citation contains the photograph of the Eminent Engineering Personality and duly signed by the Chairman, Division Board and Chairman, Host Centre; ⚡
 - Felicitation of Eminent Engineering award from Industries. CATE recommends that mode of felicitation of Eminent Engineering Personalities will be as follows: ⚡
 - For major divisions out of maximum four dignitaries to be felicitated, two should be from the state of the Host Centre and two from outside the state. It is further recommended that nominations should be from four categories namely industry, R&D, academics and Government organizations.
 - For smaller divisions, three dignitaries to be felicitated – at least one should be from the State of the Host Centre and the other(s) from outside the state. It is further recommend that out of three dignitaries, one will be from Industry / Government organizations and the rest from academics/R&D.
- (i) Presentation of **IEI Young Engineers Award** (maximum three persons);
- This Award was instituted in 2008 with a view to promote the pursuit excellence in the field of engineering. The Award consists of a plaque (worth maximum of Rs 2500/-) and a Certificate for each Awardee. The recipients of IEI Young Engineers Award are eligible for reimbursement AC-3 tier fare by train in the shortest route (if no



AC-3 tier ticket is available then AC-2 tier fare will be reimbursed). Cost of Plaque, Certificate and Train Fare will be borne by the HQ.

- The host Centre will be reimbursed against expenses incurred for providing hospitality to the awardees in a reasonable hotel/guest house during the period of National Convention for a maximum duration of two nights and three days not exceeding Rs 7500/- for each Awardee) on production of actual bills/statement of expenditure. ✱

- Modalities for the **IEI Young Engineers Award**

- Applicant should be **Corporate Member** of IEI. ♥
- The applicant should not be older than 35 years of age as on March 31 of the year of notification.
- The application must be forwarded by the Head of the Organization/ Institution.
- The work considered for the award should have been carried out during the preceding five years and must have been done within India.
- The work should be related to the design and development of engineering products relevant to national perception.
- The achievement should have technological / engineering content with or without measurable financial benefits.
- The number of awards is to be limited to three.
- The awards should be given away during the National Convention of the respective engineering division.
- The awardees should be selected by the respective Division Board.
- The award will consist of a Plaque and a Certificate. ✱

- The Young Engineers who will be receiving the Award during the Convention should be requested to present a technical paper in the Convention; ✱

- It has been decided during the 146th CATE Meeting that Young Engineers Award will be given one Award each for academia, industry and research. ♦

(j) Technical Visit and Technical Exhibition;

(k) Workshop / Round Table / Panel Discussion;

(l) Setting up of IEI Information Desk displaying various categories of Membership Forms, copies of IEI publications, IEI Publicity Brochure etc. These materials will be supplied by the HQ;

(m) Division Board Meeting;

(n) Besides Souvenir / Abstract Book, a Technical Volume may be in the form of hard copy or CD should be published in the Convention containing the full text of the technical papers presented during the Convention; ✱

(o) The Technical Volume in hard copy/ CD should be forwarded to the respective Editor-in-Chief of IEI-Springer Series Journals through IEI Technical Department, so that Editor-in-Chief with its Editorial Board can find out good articles from the technical volume and request the concerned author(s) to upload this paper for journal publication through peer review process; ✱

(p) Additionally, CATE has recommended that soft copy of the Proceedings should be sent by the Centres to Headquarters, who in turn will send those to the Members of that Division Board and will also display it in the website of IEI'. ✱

✱ *Approved during 125th Meeting of CATE and subsequently 680th Meeting of the Council, Coorg, Karnataka, March 2014;*

✱ *Approved during 129th Meeting of CATE and subsequently 686th Meeting of Council, Kuala Lumpur, June 2015*

✱ *Approved during 131th Meeting of CATE and subsequently 689th Meeting of Council, Ahmedabad, March 2016;*

✱ *Approved during 140th Meeting of CATE and subsequently 704th Meeting of the Council, Mussoorie, 23-24 March 2019*

✱ *Approved during 135th Meeting of CATE and subsequently 696th Meeting of Council, New Delhi, July 2017*



- ✦ Approved by President, IEI during the 33rd National Convention of Computer Engineers, 15-16 February, 2020
- ◆ Approved during 146th Meeting of CATE and subsequently 717th Meeting of the Council, Nagpur, 2-4 September 2022
- ◇ Approved during 147th Meeting of CATE and subsequently 720th Meeting of the Council, Hyderabad, 26-27 March 2023
- ♥ Approved during 149th Meeting of CATE and subsequently 723th Meeting of the Council, Guwahati, 24-25 September 2023
- Approved during 152nd Meeting of CATE and subsequently 727st Meeting of Council, Hyderabad, 20-22 September 2024

12.1.4. Planning

Proposal for holding a National Convention will emanate from a Centre and shall be processed by the concerned Division Board and the final decision shall be taken by CATE / Council. The **Proposal** should be submitted through **Technical Activity Management System (TAMS)** only [Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023].

To enhance the quality of Technical Content of National conventions, CATE has recommended that proposal from Host Centre should be submitted at least 9 (nine) months prior to the programme for consideration of Division Boards and CATE/Council. Information Brochure should be printed and circulated at least 90 days prior to the date of Convention.
[Approved during 137th Meeting of CATE and subsequently 700th Meeting of the Council, Hyderabad, March-April, 2018]

The proposal shall contain the following for consideration of the Board.

- Venue (city / town);
- Date (the Council has decided the designated months for organizing the National Convention for each engineering division. Details given in **APPENDIX XII**);
- Theme, Sub-themes of the National Seminar, and a short write up on the theme;
- Other activities (Workshop/ Round Table/ Panel Discussion) to be held concurrently with the Convention.

A format for sending **Proposal** for National Convention is given in **APPENDIX XIII**.

Further, to enhance the quality of Technical Content of National Conventions, Sessions should be organized as follows:
[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017]

Day-1 (Forenoon) Inaugural Session	Inaugural Programme, Memorial Lectures, State-of-the-Art Lectures, Felicitation to Eminent Engineers, Young Engineers, Deliberation on future of particular branch of engineering
Day-1 (Afternoon) Technical Session I	One Invited Lecture (about an hour duration) and minimum 4 peer-reviewed papers
Day-2 (Forenoon) Technical Session II	One Invited Lecture (about an hour duration) and minimum 6 peer-reviewed papers
Day-2 (Afternoon) Technical Session III	One Invited Lecture (about an hour duration) and minimum 2 peer-reviewed papers
Day-2 (Afternoon) Valedictory Session	



To improve the effectiveness of technical activities including National Conventions for all the Divisions should be organized preferably within **November 2024**. Also, the National Conventions scheduled during January and February may be rescheduled within November 2024 so that the Division Board Members for the present session may attend the National Convention if they have not attended the Convention during the previous sessions♥.

Subject to suitability at Host Centre the feasibility may be explored as follows:♥

- (a) Interactive discussion sessions with active participation from **industries** may be included in the programme structure for National Conventions.
- (b) Technical Quiz Sessions / Extempore may be organized at the sideline of the National Convention to attract the student community.
- (c) The participants should primarily be **Corporate Members** of IEI. However students also can be encouraged to participate in the event.
- (d) During the National Conventions, the **Certified IntPEs**, if available, may be invited to share their experience with the participants and also explain how IntPE certification has helped them in career enrichment.
- (e) **One Online Technical Session** can be arrange to facilitate the authors who cannot attend for various reason and to make the event truly national.
- (f) The **IEI Young Engineers Award** may be scheduled during Valedictory Session.

♥*Approved during 149th Meeting of CATE and subsequently 723th Meeting of the Council, Guwahati, 24-25 September 2023*

12.1.5. Responsibility

The primary responsibility for planning and organizing a National Convention shall rest with the Host Centre. Implicit support of the Chairman of the concerned Division Board and the HQ will be available.

For smoothness in organization of this national event, the Host Centre shall constitute the following Committees.

- National Advisory Committee;
- Organizing Committee;
- Technical Committee.

The Host Centre may organize the National Convention in association with reputed Engineering Colleges / Institutes.

National Advisory Committee

This Committee comprises President of IEI as its Chairman, the Chairman of the Division Board as its Co-Chairman and a Corporate Member (attached to the Host Centre and also the concerned Division) as its Convenor.

The members of the Committee shall be nominated by the Host Centre amongst the persons of all India status and shall include Vice Presidents*, Chairman CATE*, all members of the concerned Division Board and the Honorary Secretary of the Host Centre (if he/ she is not the Convenor).

**Approved by CATE, Chairman & President, IEI on May 2024*

This Committee shall provide guidance for structuring the technical



programmes, selection of Session Chairmen, Keynote Speakers, State-of-the-art and Memorial Lectures' Speakers and the persons to be honoured at the Convention under the banner "Felicitation of Eminent Engineers".

This Committee may not meet frequently and the suggestions of the members may be made through correspondence only.

Organizing Committee

The Organizing Committee shall be constituted with the Chairman of the Host Centre as its Chairman and one Corporate Member (attached to the Host Centre and also the concerned Division) as the Organizing Secretary. The members of the Committee shall include local Corporate Members.

To make this Committee effective, representatives of the government departments, public bodies, industries, educational institutions, etc should be co-opted in it.

This Committee shall be responsible for all works related to the Convention.

The Chairman of the concerned Division Board and the IEI HQ shall be kept informed about details of the programme as may be finalized by the Organizing Committee from time to time.

Technical Committee

A Technical Committee shall be constituted by the Organizing Committee to scrutinize the synopses of the articles as may be received from authors. The decision of the Technical Committee shall be communicated to those authors whose synopses are accepted and they shall submit the full text with all tables, diagrams, etc to the Host Centre well ahead of the dates of National Convention.

12.1.6. Resource Mobilization

- Grant from the Division Board (**APPENDIX IV**);
- Registration fees to be paid by delegates;
- Contributions of other organizations as Patrons, Co-sponsors, Collaborators, Donors or Associates;
- Charges collected from the advertisers in the Seminar Volume / Souvenir, published by the Host Centre;
- Technical Exhibition.

12.1.7. Convention Document

A publication containing the proceedings/e-proceedings should be brought out. The detailed report with photograph of the Convention should be sent to the IEI HQ within 15 days after completion of the Convention. The Host Centre may also publish a Souvenir on the occasion.

12.1.8. Programme Structure

The duration of National Convention may be two or three days and the programme shall include the following :

(i) Inaugural Session to have

- Welcome Address by the Chairman of the Host Centre;
- Address by the President, IEI (if present);
- Address on the theme of National Seminar by the Convenor;



- Address by the Chairman of the Division Board;
- Address by the Special Guests;
- Inaugural Address by the Chief Guest;
- Felicitation of Eminent Engineers;
- Presentation of IET Young Engineers Award;
- Vote of thanks by the Organizing Secretary/Honorary Secretary of the Host Centre.

This session shall be presided over by the Chairman, Division Board.

(ii) Memorial Lecture and State-of-the-art Lecture shall follow the Inaugural Session

- A dedicated slot for discussion on 'Future of _____ Engineering' (30 to 45 minutes) should be kept
[Approved during 126th Meeting of CATE and subsequently 682nd Meeting of Council at Pachmarhi, June 2014]
- Technical Sessions of the National Seminar;
- Workshop or other technical events.

(iii) Valedictory / Concluding Session to have

- Welcome Address by the Chairman of the Host Centre or the Technical Committee;
- Reporting on the Technical Sessions by Rapporteurs/Session Chairmen;
- Finalization of Recommendations;
- Vote of thanks by the Organizing Secretary / Honorary Secretary.

This session shall be presided over by the Chairman of the Host Centre and the Chairmen of the Technical Sessions shall be present on the dais. For each Technical Session, there shall be one Chairman, one Co-chairman (Optional) and one Rapporteur.

To make it more attractive and interesting for student community and to sustain interest of different groups of specialization in a given discipline. Poster Presentation and Competition by the students may be included. Exhibition may be arranged for the students from Institutional Members (located near and around the organizing Centre) to display their innovations through prototypes / models. The top three poster and prototypes / models may be awarded a certificate along with memento. The Annual Paper Meet may be arranged.

[Approved during 147th Meeting of CATE and subsequently 720th Meeting of the Council, Hyderabad, 26-27 March 2023]

12.1.9. Publicity

Publicity for a National Convention shall be made primarily through web and the IET News. The Host Centre may, however, adopt other avenues for publicity of the Convention at the national and state levels by contacting various government departments, public bodies, industries, educational institutions, etc. Participation should also be initiated from foreign societies with which the Institution has bilateral agreements or any other formal relationship. After obtaining the approval of the proposal* by Division Board / CATE / Council, the Centre will prepare the First Information Brochure as per the format given in **APPENDIX XIVA*** (Standard Brochure / First Information Brochure) and will forward five copies of the same to Technical Department for further course of action.

** Approved by CATE, Chairman & President, IET on May 2024*

CATE, at its 137th Meeting held at Hyderabad on 31 March 2018, recommends



that until the soft/hard copy of the Information Brochure (wherever applicable) is received from the Host Centre at least 90 days in advance for National Conventions; their request for release of 1st installment of the grant will not be entertained, which was subsequently approved by *Council* at its *700th Meeting held at Hyderabad during 31 March - 01 April, 2018*.

Further, CATE, at the same Meeting, recommends that if any Centre fails to carry out any technical activity in accordance with the approved guidelines and norms, then grant for that particular technical activity will not be released and grants already released for that purpose will be recovered by adjusting from other grants of the Centre, which was also approved by Council.

12.1.10. Selection of Articles for National Seminar

The persons desirous of presenting articles may be advised to submit synopses of their articles to the Host Centre, which will be scrutinized and finalized by the Technical Committee.

12.1.11. General

The Host Centre must send a **Report** of the Convention on the prescribed format, **Part I (APPENDIX XV)** and a few photographs within 15 days from the date of culmination of National Convention to the IEI HQ.

Further, a detailed **Report** of the National Convention (**APPENDIX XVI**) highlighting the technical content of the speeches delivered by the dignitaries, such as, Chief Guest, Guest-of-Honour, Keynote Speaker, Memorial Lecture Speaker, etc, along with photographs and copies of Souvenir/Proceedings should be sent to the IEI HQ for **publication in the IEI News/Website**.

The Officers of the Technical Department attending the National Convention shall also assist the Host Centre for successful organization of the Convention.

CATE recommends that the Host Centre organizing National Conventions will formulate brief and precise recommendation emanated from National Conventions and forward it to Chairman, CATE through Chairman, Division Board along with the details of Government Departments, Ministries or other organizations where they desire to forward the recommendations for consideration and monitor.

[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017]

CATE recommends implementation of Feedback mechanism from the participants of National Convention. The **Feedback Format** is enclosed as **APPENDIX XVII**.

[Approved during 131st Meeting of CATE and subsequently 689th Meeting of Council, Ahmedabad, March 2016]

For details of **Seating Plans** and **Format of Invitation Card**, please see **APPENDIX VIII** and **APPENDIX IX**, respectively.

12.1.12. Grants available for National Convention

[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017]

(a) The Grant for the National Convention:

To meet-up expenditure incurred for Division Board meetings held



concurrently with National Conventions, the following norms (based on number of Division Board members) of Allocation of Grant will be followed:

Number of Division Board Members	Grant
Up to 5	1.50 lakhs
6 to 10	1.75 lakhs
11 to 15	2.00 lakhs
16 to 20	2.25 lakhs
More than 20	3.00 lakhs

25% of grant will be released on receipt of Information Brochure. 50% will be released during the convention and 25% will be earmarked as Chairman's Discretionary Fund.

The Chairman's Discretionary Fund will be released to the Host Centre after completion of the Convention and after deduction of the expenses incurred by the IEI HQ for the Convention (e.g. preparation of plaques for Speaker of Memorial Lecture and Eminent Engineers etc) and conformation of necessary formalities.

No part of this grant shall be used for travelling.

The quantum of grant may be revised by Council time-to-time.

(b) Norms for Release and Control of Grant for Sponsored Technical Activities

[Approved during 137th Meeting of CATE and subsequently 700th Meeting of the Council, Hyderabad, March-April, 2018]

CATE recommends that until the soft / hard copy of the information brochure (wherever applicable) is received from the Host Centre at least 90 days in advance for National Conventions; their request for release of 1st installment of the Grant will not be entertained.

12.2.

GUIDELINES FOR ALL INDIA SEMINARS / CONFERENCES / WORKSHOPS, NATIONAL SEMINAR / CONFERENCE / WORKSHOP

[Approved during 130th Meeting of CATE and subsequently 687th Meeting of Council, Kochi, September 2015]

The All India Seminar is one of the sponsored technical activities of a particular engineering division under the aegis of which the activity will be organized.

12.2.1. Planning

Proposal for holding All India Seminar will emanate from a Centre and shall be processed by the concerned Division Board and the final decision shall be taken by CATE / Council. The **Proposal** should be submitted through **Technical Activity Management System (TAMS)** only *[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023].*

The **Proposal** from a Centre for organizing the All India Seminars / Conferences / Workshops should be submitted as per format given in **APPENDIX XVIII** to the concerned Division Board at least 45 days prior to the proposed dates of the Seminar *[Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022].* The proposal shall contain the suggested theme, dates and venue (city / town) of the



Seminar.

After obtaining the approval of the proposal by Division Board / CATE / Council, the Centre will prepare the **First Information Brochure** as per the format given in **APPENDIX XIVB*** and will forward the same to Technical Department for further course of action.

* *Approved by CATE, Chairman & President, IEI on May 2024*

CATE, at it's 137th Meeting held at Hyderabad on 31 March 2018, recommends that until the soft/hard copy of the Information Brochure (wherever applicable) is received from the Host Centre at least 30 days for Two-Day All India Seminars/Workshops; their request for release of 1st installment of the grant will not be entertained, which was subsequently approved by Council at it's 700th Meeting held at Hyderabad during 31 March - 01 April 2018.

Further, CATE, at the same Meeting, recommends that if any Centre fails to carry out any technical activity in accordance with the approved guidelines and norms, then grant for that particular technical activity will not be released and grants already released for that purpose will be recovered by adjusting from other grants of the Centre, which was also approved by Council.

The recommendations emanated from the All India Seminar should be forwarded to the Core Group constituted by the concerned Division Board for scrutinizing and taking further necessary actions on the same. The approved **Guidelines for Constitution of Core Group** is given in **APPENDIX III**.

12.2.2 **Norms for Release and Control of Grant for Sponsored Technical Activities**

[Approved during 137th Meeting of CATE and subsequently 700th Meeting of the Council, Hyderabad, March-April, 2018]

CATE recommends that until the soft/hard copy of the information brochure (wherever applicable) is received from the Host Centre at least 30 days for two-day All India Seminars/Workshops; their request for release of 1st installment of the Grant will not be entertained.

12.2.3. **Responsibility**

The primary responsibility for planning and organizing All India Seminar shall rest with the Host Centre. Implicit support of the IEI HQ will be available.

For smoothness in organization of the event, the Host Centre shall constitute the Organizing Committee. The Host Centre may organize the National Convention in association with reputed Engineering Colleges/Institutes other Professional Organizations.

12.2.4. **Organizing Committee**

The Organizing Committee shall be constituted with the Chairman of the Host Centre as its Chairman and the Honorary Secretary of the Host Centre or one Corporate Member (attached to the Host Centre) as its Organizing Secretary. The Members of the Committee shall include local Corporate Members.

12.2.5. **National Advisory Committee**

This Committee comprises President of IEI as its Chairman, the Chairman of the Division Board as its Co-Chairman and a Corporate Member (attached to



the Host Centre and also the concerned Division) as its Convenor.

The members of the Committee shall be nominated by the Host Centre amongst the persons of all India status and shall include Vice Presidents*, Chairman CATE*, all members of the concerned Division Board and the Honorary Secretary of the Host Centre (if he/ she is not the Convenor).

** Approved by CATE, Chairman & President, IEI on May 2024*

This Committee shall provide guidance for structuring the technical programmes, selection of Session Chairmen.

N.B.: For organizing All India Seminars, formation of National Advisory Committee is not mandatory.

12.2.6. Resource Mobilization

The Organizing Committee shall plan resource mobilization and the income may comprise the following:

- Grant from the Division Board — for Two-Day activity, Rs. 40,000/- in two equal installments is available. On receipt of printed Information Brochure, Rs. 20,000/- will be released and the rest on fulfillment of all the procedures as per Guidelines like submission of detailed Report, Recommendations, Photographs and Proceedings and Council approved that each host Centre can arrange the one (1) Two-Day Seminar/Workshop for each Division per financial year;
[Approved during 150th Meeting of CATE and subsequently 725th Meeting of Council, Hosur, 29-31 March 2024]
- Registration fees to be paid by delegates;
- Contributions of other organizations as Patrons, Co-sponsors, Collaborators, Donors or Associates;
- Charges collected from the advertisers;
- Technical Exhibition.

12.2.7. The Structure of the Programme of an All India Seminar shall be as follows:

12.2.7.1. Inaugural Session to have

- Welcome Address by the Chairman, Host Centre;
- Address by the President, IEI (if present);
- Address by the Chairman, Division Board (if present);
- Address on the theme of technical sessions by the Honorary Secretary / Organizing Secretary / Convenor;
- Address by the Special Guests (if any);
- Inaugural Address by the Chief Guest;
- Vote of thanks by the Honorary Secretary of the Centre.

12.2.7.2. Technical Sessions

Articles, received on the theme of the All India Seminar are presented in Technical Sessions.

Each of the Technical Session to be presided over by a Session Chairman and assisted by one Rapporteur.

To enhance the quality of Technical Content of All India Seminars/ Workshops, Sessions should be organized as follows:

[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017]



Day-1 (Forenoon) Inaugural Session	Inaugural Programme, Keynote Address
Day-1 (Afternoon) Technical Session I	1 Invited Lecture (about one hour duration) and minimum four papers or two invited lectures / presentations
Day-2 (Forenoon) Technical Session II	1 Invited Lecture (about one hour duration) and minimum four papers or two invited lectures / presentations
Day-2 (Afternoon) Technical Session III	Minimum two papers or two invited lectures / presentations
Day-2 (Afternoon) Valedictory Session	

12.2.7.3. Concluding / Valedictory Session to have

- Welcome Address by the Chairman of the Host Centre;
- Reporting by Rapporteur of each session;
- Finalization of Recommendations;
- Vote of thanks by the Organizing Secretary / Honorary Secretary.

The Chairman of the Host Centre shall preside over both the Inaugural and Concluding / Valedictory Sessions.

A detailed **Report** of the All India Seminar highlighting the technical content of the speeches delivered by the dignitaries, such as, Chief Guest, Guest-of-Honour, Keynote Speaker, etc, along with photographs and copies of Souvenir / Proceedings should be sent to the IEI HQ within 15 days from the date of culmination of the Seminar for **publication in the IEI News**. The format for sending the report is given in **APPENDIX XIX**.

12.2.7.4. **Soft Copies** of Information Brochure and Proceedings of National Conventions and All India Seminars of all Divisions should be accepted, if submitted by email, CD and/or preferably uploaded in Cloud based media for unlimited time.

[Approved during 132nd Meeting of CATE and subsequently 690th Meeting of Council, Durgapur, June 2016]

12.3.

GUIDELINES FOR ONE-DAY SEMINAR / WORKSHOP

[Approved during 122nd Meeting of CATE and subsequently 675th Meeting of Council, Hyderabad, March 2013]

The One-Day Seminar/Workshop is one of the sponsored technical activities of a particular Engineering Division, under the aegis of which the activity will be organized.

12.3.1. **Planning**

Proposal for holding Seminar/Workshop will emanate from a Centre and shall be processed by the concerned Division Board/Chairman of the Division Board. The **Proposal** should be submitted through **Technical Activity Management System (TAMS)** only *[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]*.

The proposal from a Centre should be submitted to the concerned Division Board at least one month prior to the proposed dates of the Workshop (**APPENDIX XVIII**). The proposal shall contain the suggested theme, brief write up on the theme, date and venue (city / town) of the Seminar/Workshop.



Council opined that “One Day Activities” must have two sessions as per the guidelines *[Approved during 147th Meeting of CATE and subsequently 720th Meeting of Council, Hyderabad, 26-27 March 2023]*.

Council at its 725th Meeting held at Hosur during 29-31 March 2024, approved that each host Centre can arrange the one (1) One Day Seminar/Workshop for each Division per financial year.

12.3.2. Responsibility

The primary responsibility for planning and organizing the Seminar / Workshop shall rest with the Host Centre. Implicit support of the IEI HQ will be available. For smoothness in organization of the event, the Host Centre shall constitute the Organizing Committee.

Organizing Committee

The Organizing Committee shall be constituted with the Chairman of the Host Centre as its Chairman and the Honorary Secretary of the Host Centre or one Corporate Member (attached to the Host Centre) as its Organizing Secretary. The Members of the Committee shall include local Corporate Members.

12.3.3. Resource Mobilization

The Organizing Committee shall plan resource mobilization and the income may comprise the following :

- Grant from the Division Board @Rs 20,000/- ;
[Approved during 150th Meeting of CATE and subsequently 725th Meeting of the Council, Hosur, 29-31 March 2024]
- Registration fees to be paid by delegates;
- Contributions of other organizations as Patrons, Co-sponsors, Collaborators; Donors or Associates.

12.3.4. The grant will be released from the IEI HQ after receipt of detail **Report** and photographs for **publication in the IEI News** as per the format provided in **APPENDIX XX**.

12.3.5. The structure of the programme of One-Day Seminar/Workshop shall be as follows:

12.3.5.1. Inaugural Session to have

- Welcome Address by the Chairman, Host Centre;
- Address by the Chairman, Division Board (if present);
- Address on the theme of technical sessions by the Honorary Secretary / Organizing Secretary / Convenor;
- Address by the Special Guests (if any);
- Inaugural Address by the Chief Guest;
- Vote of thanks by the Honorary Secretary of the Centre.

12.3.5.2. Technical Session

The Organizing Committee shall invite the renowned professionals, having expertise in the relevant field to deliver Lectures during the Technical Sessions. Apart from that, Articles, received on the theme of the Workshop, will also be presented during the Technical Sessions.



To enhance the quality of Technical Content of One Day Seminars/ Workshops, Sessions should be organized as follows:

[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017]

Day-1 (Forenoon) Inaugural Session	Inaugural programme, two invited lectures
Day-1 (Afternoon) Technical Session I	Minimum 3 papers or two invited lectures / presentations

12.3.5.3. Concluding / Valedictory Session to have

- Welcome Address by the Chairman of the Host Centre;
- Reporting of Technical Sessions;
- Vote of thanks by the Organizing Secretary / Honorary Secretary.

The Chairman of the Host Centre shall preside over both the Inaugural and the Concluding / Valedictory sessions.

12.3.6. Rescheduling of Technical Activities

Rescheduling of dates will be allowed only one time and Deputy Director (Technical) is authorized by Division Boards/CATE to approve the rescheduling of technical activities by respective Centres, provided the revised date falls within 60 days of the original approved date and does not cross over to the next financial year and also do not clash with any Central programme of IEI (ie, Convocation, National Convention, Council Meeting etc). Deputy Director (Technical) will keep Chairmen of the Division Boards and Chairman CATE informed about such change of dates. Otherwise, the proposal will be placed before Chairman, Division Boards and Chairman, CATE as per norms.

[Approved during 127th Meeting of CATE and subsequently 683rd Meeting of Council, Tripura, September 2014]

12.3.7. Modified Norms of Technical Activities

[Approved by Competent Authority on December 11, 2021]

Deleted with effect from 01 April 2022.

12.4. GUIDELINES FOR ROUND TABLE / WORKSHOP / CONTINUING EDUCATION COURSE / PANEL DISCUSSION

The general features of the Round Table, Workshop, Continuing Education Course and Panel Discussion may be organized by a Centre, the details of which are as follows :

12.4.1. Round Table

A 'Round Table' is a forum for discussion on problems of common interest to ensure business like discussion.

A Round Table presidium should consist of a Chairman, a Rapporteur and a panel of experts from the government and private sectors to cover technical, social-economic and administration aspects of the problem.

The Chairman of a Round Table will initiate the discussion by presenting a brief background and exact nature of the problem and invite the panel members to present their views for effective discussion.

The delegates may participate in the discussion. For this, they may write down



their point in a 'Discussion Slip' and submit the same to the Chairman of the session. The Chairman will reserve the discretion to allow the participants to speak.

At the end of the discussions, the Rapporteur will sum-up the proceedings and the Host Centre will submit a report on the event to the IEI HQ soon after the culmination of the event.

12.4.2. Workshop

Workshops are thought of as meetings for formal discussions on topics or theories, exchange of ideas, demonstration of methods and practical application of skills and principles employed in a field.

One of the most important aspects of the workshop is to examine not only the success of the investigation but also discussion of the failures in these investigations so that one could have a clear picture on the topics of Workshops. For this reason, there should be experts with different ideas both for and against the investigation, theory, etc.

A Group Leader, who will make an introduction to the theme, will lead the workshop. There will also be a moderator who will allow the intervention of the participants, keeping the form of an open discussion.

The Host Centre shall submit a detailed report on the same to the IEI HQ soon after the culmination of the event.

12.4.3. Continuing Education Course

Endeavours must be made to structure the course in such a way so as to integrate the latest theory and seasoned practice.

The Course Director may utilize one or more of the following techniques for the conduct of the course.

- Lecture;
- Group Discussion;
- Case Study;
- Project Work;
- Demonstration;
- Film Show;
- Factory / Site Visit.

The Course Director will open the discussion with an address explaining the scope of continuing education programmes and outlining the procedure to be adopted in the conduct of the course.

A detailed report including opening/closing remarks of the Course Director shall be sent to the IEI HQ for future reference and record soon after the culmination of the course. A certificate may be issued to participants in this effect.

12.5.

APPRECIATION FOR ORGANIZING MORE TECHNICAL ACTIVITIES BY THE CENTRES

[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017]

To encourage Centres for organising more technical activities, Certificate of Appreciation and a Plaque will be presented to the Centres for organizing highest number of Technical Activities which are reported to IEI HQ along with detailed



report and photograph within one month of conducting the activity. One Certificate will be presented to each group (based on the membership strength of the Centres) in the following manner.

Group A – 1 no.	Group B – 2 nos.
Group C – 2 nos.	Group D – 1 no.

The certificates will be presented during the Indian Engineering Congress.

President will form a Committee for selection of the best performing Centres.

N.B.: Now it is discontinued due to revised Guideline No. 13.4. which was approved during 700th Meeting of Council, Hyderabad, March-April, 2018.

13.0. GUIDELINES FOR INSTITUTING AWARDS AND MEMORIAL LECTURES

13.1. GUIDELINES, MODALITIES FOR INSTITUTING MEMORIAL LECTURES [Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022]

Memorial Lectures to be organized by the IEI HQ at National Level with the approval of the CATE / Council	<ol style="list-style-type: none"> 1. Person in whose name the Memorial Lecture is organized should be an engineer by education and profession and must have made distinguished contribution to engineering at the National and/or the International level. 2. Minimum endowment fund required would be Rs.20.00 lakhs. Fund to be held at the IEI HQ. 3. To be routed through CATE for approval of the Council.
Memorial Lectures to be organized by Division Boards during National Conventions/All India Seminars	<ol style="list-style-type: none"> 1. Person should be an engineer by education and profession and must have made significant contribution to engineering services at least at the National level in his/her relevant field of engineering expertise. 2. Minimum endowment fund required would be Rs.12.00 lakhs. Fund to be held at the IEI HQ 3. The number of Memorial Lectures for delivery at the National Conventions would be maximum two per division, with each to be delivered every alternate year 4. The recommendation from the Division Boards for establishing Memorial Lectures whether delivered at the National Convention or at other locations during All India Seminars would be routed through CATE / Council for approval.
Memorial Lectures to be organized by State Centres	<ol style="list-style-type: none"> 1. Person should be an engineer by education and profession and must have provided distinguished engineering services at least at the state level. 2. Minimum endowment fund required would be Rs.6.00 lakhs. 3. This fund would be held with the State Centre. 4. The approval of the Memorial Lecture proposal will be done by the State Centre Committee with information to the IEI HQ. The timing and location of the lecture would be decided by the State Committee.
Memorial Lectures to be organized by Local Centres	<ol style="list-style-type: none"> 1. Person should be an engineer by education and profession and must have provided distinguished engineering services at least at the Local Centre level. 2. Minimum endowment fund required Rs.3.75 lakhs. 3. This fund would be held with the Local Centre. 4. The approval of the Memorial Lecture proposal, its timing and location will be done by the Local Centre Committee with information to State Centre and the IEI HQ.



13.2. **GUIDELINES, MODALITIES FOR INSTITUTING AWARDS BY STATE AND LOCAL CENTRES OF IEI**
[Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022]

Award to be instituted by State Centres	1. Person in whose name the award to be instituted should be an engineer by education and profession and must have provided distinguished engineering services at least at the State Centre level.
	2. Minimum endowment fund required would be Rs.3.00 lakhs.
	3. This fund would be held with the State Centre.
	4. The approval of the Award proposal will be done by the State Centre Committee with information to the IEI HQ. The award should contain a plaque and citation which should be approved at the State Committee level. The award may preferably be given during the Engineers Day Celebration. The awardee should be an Engineer and preferably IEI Corporate Member. The selection of awardee is to be decided and approved at the State Centre Committee level, with information to Secretary & Director General, IEI.
Award to be instituted by Local Centres	1. Person in whose name the award to be instituted should be an engineer by education and profession and must have provided distinguished engineering services at least at the Local Centre level
	2. Minimum endowment fund required Rs. 3.00 lakhs.
	3. This fund would be held with the Local Centre
	4. The approval of the Award proposal will be done by the Local Centre Committee with information to the IEI HQ. The award should contain a plaque and citation which should be approved at the State Committee level. The award may preferably be given during the Engineers Day Celebration. The awardee should be an Engineer and preferably IEI Corporate Member. The selection of awardee is to be decided and approved at the State Centre Committee level, with information to Secretary & Director General, IEI.
Scholarships	1. Scholarships for IEI T/ST Members can be instituted at State and Local Centres from donations/endowment fund in the name of donor. Adequate fund should be deposited by the donor for the scholarship to be funded out of interest of such donation.
	2. The selection of beneficiary should be based on merit or merit-cum-need as decided while instituting the scholarship fund.
	3. The selection of beneficiary needs to be made at Centre's Committee level with information to the Secretary & Director General.

CATE recommended that no award should be instituted or given by the Centres/Division Board without prior information and approval of the IEI HQ. Also, Nos. of Awards given by the Centres should be limited preferably to three or four to maintain the value of the award. The awardees should be selected from Academy, R&D, Industries/Government Service.

[Approved during 145th Meeting of CATE and subsequently 715th Meeting of Council, Kandaghat, 18 June 2022]

CATE recommended from the next year onwards the Awards to be given on the occasion of Engineers Day is to be restricted to maximum of 5 (five) Awards by State Centre and 3 (three) Awards by Local Centers.

[Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022]



13.3. **GUIDELINES, MODALITIES FOR INSTITUTING AWARDS BY INDIVIDUALS**
[Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022]

Awards to be instituted by Individual	1. No award should be instituted in the name of a living person and awards to be instituted by any individual should be posthumous only.
	2. Person in whose name the award to be instituted should be an engineer by qualification and by profession and also should have made substantial contribution either at the national or international level and the Award be given for the sake of inspiring the students appearing in Section A and Section B Examinations during the Convocation.
	3. Minimum endowment fund required would be Rs.10.00 lakhs
	4. This fund would be held with the IEI HQ
	5. The awardee should be the topper of Section B Examination in respective field of Engineering considering results of both Summer and Winter Examinations
	6. The award should contain a cash Award of amount Rs 10,000/, a gold plated silver medal 2 inches diameter and 50 gm weight and a certificate. The award may be given during the IEI Convocation and Students and Technicians Convention every year. The award should also cover the conveyance allowance for the awardee by AC-3 tier train fare by the shortest route.

13.4. **GUIDELINES, MODALITIES FOR BEST CENTRE AWARDS FOR TECHNICAL ACTIVITIES**
[Approved during 137th Meeting of CATE and subsequently 700th Meeting of the Council, Hyderabad, March-April, 2018]

A revised guidelines for Best Centre Awards has been circulated during the council meeting.

CATE also recommends that merit certificate may be awarded to the centres carrying out enhanced number of activities to encourage them. Such certificate will be awarded one number in each Group (Group A/Group B/ Group C/ Group D).

Council has approved and decided that a plaque will also be given along with merit certificate for centres carrying out enhanced number of activities.

Existing Parameters for the Best Centre Award was approved in *683rd Meeting of Council held at Agartala on 20-21 September 2014*. The said approval was for a period of three years as decided in *680th Meeting of Council held at Coorg on 22-23 March 2014*.

While reviewing the parameters for the 'Best Centre Award', with a view to make it more objective and representative, it was found that a similar award, called as "Best Centre Award for Technical Activities" has been approved by CATE to Council in *694th Meeting of Council held at Aurangabad, 24-25 March 2017* and it has already been implemented with effect from 2017.

While comparing the two awards viz. 'Best Centre Award' and 'Best Centre Award for Technical Activities', it was found that quite a large number of parameters are overlapping leading to duplication specially since the two awards aimed at a similar broad purpose.

The proposed re-structuring of the parameters for the 'Best Centre Award' was done with incorporation of the three Parameters of 'Best Centre Award of Technical Activities' – viz.



- (a) Organising One day Seminar/Workshop
- (b) Observation of Ten Statutory Days
- (c) Organising Indian Engineering Congress

Accordingly, in some of the parameters Gradation of Marks have also been revised and a comprehensive draft for assessment of the Best Centre Award for a total marks of 100 is prepared (copy enclosed).

The members may discuss and decide to approve the revised parameters of the Best Centre Award incorporating certain parameters of Best Centre Award of Technical Activities and discontinuing the "Best Centre Award of Technical Activities" forthwith due to overlapping of Parameters and broad objectives.

While deliberating, the Committee may also decide to incorporate the Disqualification Clauses on one or more of the following grounds :-

- (i) Not holding the Annual General Meeting (AGM) in time without prior approval of the President (on valid ground);
- (ii) Not submitting the Audited Statement by October of each year;
- (iii) Centre not functioning in accordance with Bye-laws and Regulations.

13.4.1. Parameters (revised) of Best State Centre Award

Sl. No	Item	Full Marks	Gradation of Marks	Marks to be allotted	Remarks
(i)	One day Seminars / Workshops	5	For 3 and above For 2 For 1 For none	5 3 2 0	Change in nomenclature
(ii)	All-India Seminar / Workshop	10	For 1 For 2 to 3 For 4 to 5 For 6 & above	3 5 7 10	Change in nomenclature
(iii)	National Convention	10	Participation above 50 paid delegates Whether Proceedings published (Hard Copy/CD) Quality of Inaugural Session, Technical Activities & Overall assessment	4 4 2	Change in nomenclature
(iv)	Holding Guidance Classes for Senior Technician Member (Diploma Stream)	8	For Section A & B For only A or B For none	8 4 0	Change in gradation of marks & nomenclature
(v)	Financial Management (surplus generated as	10	For 15% surplus or more For each 1%	10 Deduct 1	No change



	%age of gross earning)		less than 15%	mark	
			Below 5%	0	
(vi)	Submission of Audited Accounts	5	Submission by June	5	No change
			Submission by July	4	
			Submission by August	3	
			Submission by September	2	
			Submission by October	1	
			Submission by November (irrespective of the reasons)	0	
(vii)	Submission of Quarterly and Annual Reports (5 nos.)	5	For each Report 1 mark, if submitted as follows :	By July	No change
			1st Quarter Report		
			2nd Quarter Report	By October	
			3rd Quarter Report	By January	
			4th Quarter Report	By April	
			Annual Report	By June	
			Any delay - 0 marks		
(viii)	Timely holding of Annual General Meeting (AGM)*	4	For holding by October	4	No change
			For holding by November	2	
			For holding later	0	
(ix)	Proper maintenance and upkeep of IEI State and Local Centres	4	The marks will be given on basis of the report after visiting the Centre by at least one of the Vice Presidents		No change
(x)	Smooth conduct of examination	5	The Deputy Director (EE&A) shall award the mark duly approved by SDG.		No change
(xi)	Membership Growth (for direct elections only)	12	For 10% or more growth	12	No change
			For growth above 5% and below 10%	8	
			For growth between 2% and 5%	4	
(xii)	Centre having new Technicians Chapter	1			No gradation of marks, change in nomenclature and mark distribution
(xiii)	Centres having new Students' Chapter during financial year	2	For 1 Chapter	1	Incorporated as a separate parameter with new gradation of
			For 2 Chapters & above	2	



					marks
(xiv)	Conducting Continuing Education	3	For 1 Programme / Course	1	Change in gradation of marks
			For 2 Programme / Course	2	
			For 3 & above Programme / Course	3	
(xv)	Growth of Institutional Member for the financial year	3	For 1 Institutional Member	1	Change in gradation of marks and nomenclature
			For 2 Institutional Member	2	
			For 3 & above Institutional Member	3	
(xvi)	Development of website	3	-	-	Change in marking
(xvii)	Observation of 10 numbers of Statutory Days	5	For 1 day	1	Incorporated as a new parameter
			For 2 days	2	
			For 3 days	3	
			For 4 days	4	
			For 5 days & above	5	
(xviii)	Engineering Congress	5			New parameter

(a) The activities under items (iii) & (x) being not possible for all Centres, the final assessment shall be made on the basis of total marks scored as p.c. of highest marks which can be scored by a Centre. (b) *The State/Local Centre, organizing the Indian Engineering Congress, shall get 4 marks against Annual General Meeting (AGM), if AGM not done in time (parameter Sl No. (viii)).

13.4.2. Parameters (revised) of Best Local Centre Award

Sl. No.	Item	Full Marks	Gradation of Marks	Marks to be allotted	Remarks
(i)	One day Seminars/ Workshops	8	For 3 and above	8	Change in nomenclature
			For 2	6	
			For 1	2	
			For none	0	
(ii)	All-India Seminar/ Workshop	10	For 1	3	Change in nomenclature
			For 2 to 3	5	
			For 4 to 5	7	
			For 6 & above	10	
(iii)	National Convention	10	Participation above 50 paid delegates	4	Change in nomenclature
			Whether Proceedings published (Hard Copy / CD)	4	
			Quality of Inaugural Session, Technical Activities &	2	



			Overall assessment		
(iv)	Holding Guidance Classes for Senior Technician Member (Diploma Stream)	8	For Section A & B	8	Change in gradation of marks & nomenclature
			For only A or B	4	
			For none	0	
(v)	Financial Management (surplus generated as %age of gross earning)	10	For 15% surplus or more	10	No change
			For each 1% less than 15%	Deduct 1 mark	
			Below 5%	0	
(vi)	Submission of Audited Accounts	5	Submission by June	5	No change
			Submission by July	4	
			Submission by August	3	
			Submission by September	2	
			Submission by October	1	
			Submission by November (irrespective of the reasons)	0	
(vii)	Submission of Quarterly and Annual Reports (5 nos.)	5	For each Report 1 mark , if submitted as follows : 1st Quarter Report	By July	No change
			2nd Quarter Report	By October	
			3rd Quarter Report	By January	
			4th Quarter Report	By April	
			Annual Report Any delay - 0 marks	By June	
(viii)	Timely holding of Annual General Meeting (AGM)*	4	For holding by October	4	No change
			For holding by November	2	
			For holding later	0	
(ix)	Proper maintenance and upkeep of IEI State and Local Centres	4	The marks will be given on basis of the report after visiting the Centre by at least one of the Vice Presidents		No change
(x)	Smooth conduct of examination	5	The Deputy Director (EE&A) shall award the mark duly approved by SDG.		No change
(xi)	Membership Growth	12	For 10% or more growth	12	No change



	(for direct elections only)		For growth above 5% and below 10%	8	
			For growth between 2% and 5%	4	
(xii)	Centre having New Technicians Chapter	1			No gradation of marks, change in nomenclature and mark distribution
(xiii)	Centres having new Students' Chapter during financial year	2	For 1 Chapter	1	Incorporated as a separate parameter with new gradation of marks
			For 2 Chapters & above	2	
(xiv)	Conducting Continuing Education	3	For 1 Programme / Course	1	Change in gradation of marks
			For 2 Programme / Course	2	
			For 3 & above Programme / Course	3	
(xv)	Development of website	3	-	-	Change in marking
(xvi)	Observation of 10 numbers of Statutory Days	5	For 1 day	1	Incorporated as a new parameter
			For 2 days	2	
			For 3 days	3	
			For 4 days	4	
			For 5 days & above	5	
(xvii)	Engineering Congress	5	-	-	New parameter

(a) The activities under items (iii) & (x) being not possible for all Centres, the final assessment shall be made on the basis of total marks scored as p.c. of highest marks, which can be scored by a Centre. *(b) The State/Local Centre, organizing the Indian Engineering Congress, shall get 4 marks against Annual General Meeting (AGM), if AGM not done in time (parameter Sl No. (viii)).

14.0. GUIDELINES FOR IEI CONVOCATION AND TECHNICIANS' / STUDENTS' CONVENTION

Deleted.

This activity is not related to the Technical Department of the Institution.

15.0 GUIDELINES FOR INTERNATIONAL CONFERENCES

The International Activity under the aegis of an Engineering Division Board/ICC is one of the apex technical activity of the Division/ICC itself, which is organized by the Centres of the Institution based on the approval of the concerned Division Board/ICC initially and subsequently by the CATE / Council.

15.1. OBJECTIVE

The International Conference, approved by the Division Board/ICC, is one of the apex activities aiming at achievement of technical and professional growth through intensive technical content and mutual interaction within an international domain.



The Conference must be supported/sponsored/co-sponsored by other professional societies of standing, universities/academic institutions and R&D organizations outside the country and/or supported/funded by international organizations like UNESCO, UNDP, ADB, WFEO, WMC, fib, FEIAP, FEISCA, IPEA etc. An International Conference shall seek to achieve maximum involvement and participation of International delegates and Corporate members as well. This is the activity, which also aims at establishing liaison between the Institution, reputed foreign bodies, Corporate members and the policy makers. The organization of an International Conference, therefore, requires full attention of the Host Centre and a well advanced long-term planning with adequate support from the HQ and concerned Division Board/ICC.

International Conferences should be **proposed** after detailed interaction with the concerned functionaries in government, industry and academia as also with the concerned International Professional Bodies as per format enclosed in **APPENDIX XXIA**. The **Proposal** should be submitted through **Technical Activity Management System (TAMS)** only *[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]*.

The proposal shall contain the following for consideration of the Division Board.

- Venue (city / town);
- Date (as approved by Council, proposal should be forwarded at least 6 (six) months prior to the date of organization of the Conference);
[Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022]
- Theme, Sub-themes of the Conference, and a short write up on the theme;
- Details of associated foreign bodies. The host Centre must produce the letter of intent/consent for participation/association from foreign body/bodies within 60 days of receipt of approval from Division Board/Committee/CATE and the Council.

Immediately after approval, the Organizing Committee should be constituted for acting as nucleus for all planning and implementation. The Organizing Committee should be headed by President, The Institution of Engineers (India). It may include heads of government departments and industry, who as individuals, can take interest and can spare time.

The Organizing Committee shall interact with the appropriate Ministry of the Central Government and obtain its concurrence to become the nodal Ministry for the event.

15.2.

PROGRAMME OUTLINE

An International Conference shall be a multi-activity capsule comprising the following elements:

- (a) Technical Sessions on the identified theme & sub-themes.
- (b) State-of-the-art Lecture
- (c) Key note Addresses
- (d) Technical Visit and Technical Exhibition
- (e) Workshop / Round Table / Panel Discussion
- (f) Setting up of IEI Information Desk displaying various categories of Membership Forms, copies of IEI publications including IEI Brochure, IEI News, Annual Technical Volume, copies of International Proceedings etc. These materials will be supplied by the HQ.
- (g) Besides Souvenir/Abstract Book, a Technical Volume with ISBN number has to be published in the form of hard copy or CD during the Conference containing the full text of the technical papers presented during the Technical Sessions.
- (h) A soft copy of the Proceedings should be sent by the host Centres to Headquarters, who in turn will send those to the Members of that Division Board/Committee and will also display it on the website of IEI.



[Approved during 137th Meeting of CATE and subsequently 700th Meeting of the Council, Hyderabad, March-April 2018]

15.3.

PLANNING

15.3.1. For a Technical event such as any Conference / Seminar / Workshop to qualify as an International event, the following criteria should be met:

- (i) Offer adequate scope for wide international participation;
- (ii) Be supported/sponsored/co-sponsored by other professional societies of standing, universities/academic institutions and R&D organizations outside the country and/or supported/funded by international organizations like UNESCO, UNDP, ADB, WFEO, WMC, fib, FEIAP, FEISCA, IPEA etc.

15.3.2. The programme should be conceived well in time, at least 6 months prior to the event, depending on the size of the event, and time for preparation.

15.3.3. The proposals for International Conferences should be approved by Division Board/ Committee/ CATE and the Council.

15.3.4. The proposal shall contain the following for consideration of the Division Board.

- Venue (city / town);
- Date (as approved by Council, proposal should be forwarded at least 6 months prior to the date of organization of the Conference)
[Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022]
- Theme, Sub-themes of the Conference, and a short write up on the theme;
- Details of associated foreign bodies. The host Centre must obtain the letter of intent/consent for participation/association from foreign professional organisations within 60 days of receipt of approval from Division Board/ Committee/ CATE and the Council.

15.4.

RESPONSIBILITY

15.4.1. **Committees**

For smooth organization of this International event, the Host Centre shall constitute the following Committees.

- International Advisory Committee
- National Advisory Committee;
- Organizing Committee;
- Technical Committee;
- Finance Committee;
- Publication Committee.

15.4.2. **International Advisory Committee**

An International Advisory Committee may be constituted with participation from foreign collaborating organizations and their consent /should be obtained before including their names in the Committee/Souvenir/Proceedings. One reputed international personality in the field of engineering should be the Chairman and President, IEI



should be the Co-Chairman of the Committee.

15.4.3. **National Advisory Committee**

To assure success for the event, the organizations / sectors connected with the subject area should be identified and individuals from Government, Public Sector, Private Sector, Academia/Industry selected to act as resource persons for finances, and provide organizational and technical inputs. A National Advisory Committee should be chaired by President, IEI and be constituted with representatives from various interest groups at senior level like Secretaries to the Government of India, Chairmen of organizations etc.

15.4.4. **Organising Committee**

Immediately after approval, the Organizing Committee should be constituted for acting as nucleus for all planning and implementation. The Organizing Committee should be Chaired by Chairman of the host Centre, The Institution of Engineers (India). It may include heads of government departments and industry, who as individuals, can take interest and can spare time in organizing this event.

Immediately after approval, the Organizing Committee should be constituted for acting as nucleus for all planning and implementation. The Organizing Committee should be Chaired by Chairman of the host Centre, The Institution of Engineers (India). It may include heads of government departments and industry, who as individuals, can take interest and can spare time in organizing this event.

The Organizing Committee shall interact with the appropriate Ministry of the Central Government and obtain its concurrence to become the nodal Ministry for the event.

15.4.5. **Technical Committee**

A Technical Committee should be set up with an acknowledged and respected technical professional as its leader to set in motion the technical programme. The Committee will scrutinize the synopses of the articles as may be received from authors. The decision of the Technical Committee shall be communicated to those authors whose synopses are accepted and they shall submit the full text with all tables, diagrams, etc to the Host Centre well ahead of the dates of the Conference. At least 40-50 good quality Papers should be presented during the Conference.

The Technical Committee will finalise the details of Technical sessions including session Chairmen and Rapporteur.

15.4.6. **Finance Committee**

Likewise, a Finance Committee should be set up in the early stages to take stock of the financial position, generate funds, regulate and guide the expenses with best practice of financial management.

15.4.7. **Publication Committee**

The Committee will look after overall publication issues including Souvenir, Proceedings, Brochure, Handouts, Leaflets (if any), Banners etc.



Further, to enhance the quality of the International Event, Sessions should be organized as follows:

Day-1 (Forenoon)	Inaugural Programme, State-of-the-Art Lectures and Keynote Addresses by Foreign delegates and Speakers, Panel Discussions, Inauguration of Technical Exhibition
Day-1 (Afternoon) Technical Session I (Parallel Session)	Two Invited Lecture (about an hour duration) and minimum five papers presented in each of the five parallel sessions
Day-2 (Forenoon) Technical Session II (Parallel Session)	Two Invited Lecture (about an hour duration) and minimum six papers presented in each of the five parallel sessions
Day-2 (Afternoon) Technical Session III	Academic Industry Meet / A Panel Discussion on a contemporary subject of general interest.
Valedictory Session	Present draft Recommendations by the Chairman, Technical Committee

15.5.

RESOURCE MOBILIZATION

- Grant from the concerned Division Board: For organising International Conferences within India, there is no provision for seed money. For International Conferences organized overseas by any State /Local Centre, there is a seed money of Rs 3,00,000/-
[Approved during 147th Meeting of CATE and subsequently 720nd Meeting of Council, Hyderabad, 26-27 March 2023]
- Registration fees to be paid by Indian and Foreign Delegates;
- Contributions of other organizations as Patrons, Co-sponsors, Collaborators, Donors or Associates including MNCs and collaborating Foreign Bodies
- Contributions collected from the advertisers in the Seminar Volume/ Souvenir, published by the Host Centre;
Fees paid for Stalls for Technical Exhibition/ Banners/ Flex/ Hoardings/ Posters/ Kiosks.

15.6.

CONVENTION DOCUMENT

A publication containing the hard and soft copies of Proceedings with ISBN number should be brought out. The Host Centre may also publish Souvenir with abstract of Papers on the occasion. The detailed report with photographs of the International Seminar along with the Attendance record should be sent to the IEI HQ within 15 days after completion of the Convention.

15.7.

PROGRAMME STRUCTURE

The duration of International Conference may be two or three days and the programme shall include the following:

15.7.1. Inaugural Session to have

- Welcome Address by the Chairman of the Host Centre;
- Address on the theme of Conference by the Chairman of the Division Board/ Committee;
- Address by President, IEI & Chairman, International Advisory Committee;
- Address by the Guests of Honour;
- Inaugural Address by the Chief Guest;
- Vote of thanks by SDG/ Organizing Secretary/ Honorary Secretary of the Host Centre.



15.7.2. **State-of-the-art Lecture, Key Note Address, Panel Discussion shall follow the Inaugural Session**

15.7.3. **Valedictory / Concluding Session to have**

- Welcome Address by the Chairman of the Host Centre;
- Reporting on the Technical Sessions by Chairman, Technical Committee;
- Finalization of Recommendations;
- Address by the Chief Guest/Guest of Honour;
- Vote of thanks by the Organizing Secretary / Honorary Secretary.

15.8.

PUBLICITY

Publicity for an International Conference shall be made primarily through web and the IEI News. The Host Centre may, however, adopt other avenues for publicity of the Convention at the national and international levels by contacting various government departments, public bodies, industries, educational institutions, etc. Participation should also be initiated from foreign societies with which the Institution has bilateral agreements or any other formal relationship. After obtaining the approval of the proposal by Division Board/CATE/Council, the Centre will prepare the First Information Brochure as per the format given in **APPENDIX XXIB (Standard Brochure/First Information Brochure)** and will forward at least five copies of the same to Technical Department, IEI HQ for further course of action. The brochure should reach at least six months in advance prior to the date of Conference for uploading in the IEI website and circulation.

15.9.

SELECTION OF ARTICLES FOR INTERNATIONAL CONFERENCE

The persons desirous of presenting articles may be advised to submit synopses of their articles to the Host Centre, which will be scrutinized and finalized by the Technical Committee.

15.10.

GENERAL

The host Centre will send the detailed **Report** of the International Conference (**APPENDIX XXIC**) highlighting the technical content of the speeches delivered by the dignitaries, such as, Chief Guest, Guest-of-Honour, Keynote Speaker, etc, along with photographs and copies of Souvenir / Proceedings should be sent to the IEI HQ for publication in the IEI News.

The Officers of IEI Hqrs attending the International Conference shall also assist the Host Centre for successful organization of the same and prepare the Report for Uploading in the Institution website (along with photographs of Inaugural Session) immediately after organization of the international event.

CATE recommends that the Host Centre organizing apex activities including International events/National Conventions will formulate brief and precise recommendation emanating from National Conventions and forward it to Chairman, CATE through Chairman, Division Board/ICC along with the details of Government Departments, Ministries or other organizations where they desire to forward the recommendations for consideration and monitor.

For details of **Seating Plans** and **Format of Invitation Card**, please see **APPENDIX XXID** and **APPENDIX XXIE**, respectively.

The Organizing Committee should work out a detailed budget and orchestrate the activities in consonance with revenue inflows.



A bank account for the conference should be opened at the earliest. The signatories for the bank account should be by Organizing Secretary of the Conference and a Member of the Finance Committee of IEI stationed at the event venue of the Conference. In case no Finance Committee Member is available at the event venue, another senior Council Member can be nominated.

All payments to be received should normally be in the form of Bank Draft/ RTGS/ NEFT/ A/c Payee Cheque drawn in favour of '**The Institution of Engineers (India)** **A/C** **International Conference**' and payable at the place where the bank account is maintained. All payments received through Cheques/ Drafts should be immediately entered in the Cash Book and accounted for properly.

Reconciliation with the bank should be done regularly on a monthly basis and statement of reconciliation prepared and presented to Organizing Secretary. All receipts including receipt of foreign exchange should be dealt with promptitude and credited in the nominated bank account. Due receipt/ acknowledgement for the money received should be given after Cheques/ Drafts are credited.

Power to incur expenditure shall be exercised by Chairman, Organizing Committee and his prior approval for all expenditures is essential. However, both Organizing Secretary and/or Member, Finance Committee may be authorized to incur normal day-to-day expenditure not exceeding Rs.10,000 in each case. All expenditures should be sanctioned by the Organizing Committee. It is necessary to ensure that purchases, services and printing jobs etc are let out, as decided by the Organizing Committee and in a transparent manner and in the best interest of IEI, in accordance with the rules of IEI.

15.11.

FINANCIAL NORMS

Procedures required for processing and scrutinizing the bills will be as per the approved Financial Norms and Rules of IEI with the following guidelines:

- All payments should be made by A/c Payee Cheque/ Draft/ RTGS/ NEFT except small petty cash transfer.
- Income tax should be deducted at source as per Income Tax Act, that is, Contractors etc u/s 194-C, Professionals u/s 194-J of the Income Tax Act, wherever applicable.
- The Centre holding an international event shall submit estimates of income and expenditure prior to release of seed money, the quantum of which shall be decided by the Council on the recommendation of Finance Committee. This estimate shall indicate all anticipated income and expenditure including any expenses to be incurred by the Centre for development of infrastructure at the Centre related to the event.
- The Centre shall have the accounts pertaining to the events audited at the end of a year and include the same in the audited accounts of the Centre and also have the final accounts of the audited events.
- The Centre shall transfer an amount equivalent to 50% of the net surplus generated (excluding the seed money) to the Hqrs along with the final audited accounts for the event within six months from the date of conclusion of the event. The final accounts shall also be included in the audited accounts of the Centre.
- In case of failure on the part of the Centre to refund 50% of the net surplus to the Hqrs, the amount shall be deducted from the recurring grant payable to the Centre in one or more installments as may be decided by the Finance Committee.
- The provision of GST has to be complied with respect of income from advertisement, stall charges, Registration Fees and Sponsorship Fees during the financial year.
- IEI HQ may depute its Officer / Internal Auditor, if need be, to examine the accounts and report to the Finance Committee.
- Accounts will be maintained broadly as per classification of account heads as per budgetary allocation. If necessary, new classification may be introduced by the



Organizing Secretary depending on the nature of the expenses.

Cash balance not exceeding Rs 20,000 shall be maintained by the Organizing Secretary for meeting day-to-day expenses. The limit will, however, not apply during the conference.

The following subsidiary accounts will be maintained under the administrative control of the Organizing Secretary. He may, however, delegate the powers to one or more officers bearers who has requisite experience in this field:

- (i) Printing and Stationery;
- (ii) Technical Publications and Papers;
- (iii) Postage and Telegram;
- (iv) Souvenir Kits for Delegates;
- (v) Consumable Stores;
- (vi) Fixed Assets;
- (vii) Transport;
- (viii) Travel.

TA and DA to the IEI HQ officers and staff should be borne from the conference accounts, if such officers and staff are requisitioned for assisting / overseeing organizational matters. TA and DA to the Committee Members for attending the Committee Meetings and Conference will be borne from the conference account and such TA and DA will be as per norms and rules for TA and DA to Council Members.

The Organizing Secretary will be responsible for :

- Proper maintenance of Subsidiary Accounts referred to in item 20(d) Sub-Clause (i) to (viii).
- Safe custody of stocks in hand;
- Physical verification of stock in hand / fixed assets at the time of audit;
- The evaluation of technical publications and stock of paper and other items which have financial implications and are to be incorporated in the final account;
- Register of registration fees received from delegates;
- To write off bad debts / amounts received / exemption for delegates from payment of fee etc should rest with the Organizing Committee.

Expenditure on local hospitality i.e. board, transport and accommodation etc. to invited speakers and special invitees, President, President-Elect, Past Presidents, Vice Presidents, IEI and Chairman Division Board/ICC who are invited by the Organizing Committee, shall be borne out of the Conference accounts.

Immediately after the Conference is over, the account should be prepared incorporating all receipts and expenditure as also the amounts still to be received and liabilities to be paid off. This account should be got audited by a Chartered Accountant appointed for this purpose within three months of the event.

Surplus from all International Conference will be transferred to the IEI HQ to be credited to appropriate heads of accounts of the National Committees such as WFEO/WMC/FIB etc which organized the function and utilized for payment of foreign subscription/delegation fee, statutory international meetings etc and thereafter, the fund will be released by the Finance Committee.

Audited Accounts of the Conference/Seminar shall be submitted to IEI HQ within six months from the date of completion of the events.

Efforts should be made to obtain the pending amounts and the liabilities discharged within three months. Separate Statements, showing receipts and remaining liabilities, should be incorporated in the account. These accounts, duly audited, should be furnished to the IEI HQ.



A meeting of the Organizing Committee should be held to review the accounts and the outcome of the Conference. Decision should be taken on the modalities of recovering the amounts yet to be received and utilization of the surplus available, if any in consultation with the President, IEI.

The Conference is requested to produce an Outcome Report in compiling the final recommendations to be followed up with concerned Ministries and other authorities. The same be brought to the notice of the Council through CATE.

15.12.

GRANTS AVAILABLE FOR INTERNATIONAL CONFERENCE

[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]

For organising International Conferences within India, there is no provision for seed money. For International Conferences organized overseas by any State /Local Centre, there is a seed money of Rs 3,00,000/-.

Out of Total Grant of Rs. 3,00,000/-, Rs. 75,000/- will be released after receiving the first information brochure by IEI HQ as per approved norms.

Rs .1,50,000/- will be released during the Conference.

Rs.75,000/- will be released after receiving the report, photographs, recommendations and Proceedings by IEI HQ.

16.0.

GUIDELINES FOR ORGANISING TECHNICAL WEBINARS

[Approved by President, IEI on July 2020, subsequently modified on December 2021 and approved by President, IEI]

The following guidelines for organising the Technical Webinars (to be named as IEI Technical Webinars will have to be followed:

- (a) The Centres and Fora are encouraged to organize maximum number of activities using the central platform and after due deliberation in their respective committees. However, to provide opportunity to all Centres/Fora the numbers in a month may be restricted depending upon the demand. Before sending proposals to HQ, the Centres/Fora should decide on themes, panelists and dates in their respective Committees/BOG. **Proposal** for webinars have to be sent in the format of One-Day seminars at least 15 days prior to the activity.
- (b) There will be no registration fee for the webinars of The Institution of Engineers (India). However, registration of participants is must. E-certificate will be provided to the registered delegates who have registered with a registration fee of Rs. 300/- (USD 6 for overseas participants) *[Approved during 145th Meeting of CATE and subsequently 715th Meeting of Council, Kandaghat, 18 June 2022]*. This fee will be shared equally by IEI HQ and Centre/Fora after deducting the applicable taxes.
- (c) The Technical Department at IEI HQ would facilitate the webinar platform and provide co-host facility to the Centres for managing their own webinar within the time slot allotted to them.
- (d) The Centre will send a brief report of the webinar within 15 days for publication in the IEI News. If they fail to do so, then no further webinar will be allotted to that Centre.
- (e) Digital Certificates signed by President/Chairman, CATE and SDG will be awarded to the Panelists. Registered paid participant who will attend the seminar all along will be provided E-certificate signed by Chairman, CATE/ Chairman of Engineering Division Board and SDG.



- (f) Renowned Expert Speakers, Professors, Industry Professionals including Professional Engineers (PE) and International Professional Engineers (IntPE) may be invited to act as panelists in the webinars as far as practicable.
- (g) Technical Webinars in association with Industries
- CATE recommended that IEI should organize Webinars in association with Industries to increase the interface of IEI with Industries;
 - CATE recommended that Industries who desire to organize webinars through us should be our Institutional Member first;
 - Such webinars will be organized under the aegis of Division Boards with panel of speakers both from the industry and outside.
- [Approved during 144th Meeting of CATE and subsequently 713th Meeting of Council, Hyderabad, 26-28 March, 2022]*
- (h) The following schedule for webinars will be followed:
- Welcome address by Chairman of Division Board / Chairman of Host Centre / Convenor of Webinar ;
 - Introduction of Panelists and President (if present), Chairman-CATE (if present) by Convenor of Webinar ;
 - Deliberations by the Panelists;
 - Question/Answer session (to be conducted by one moderator);
 - Vote of thanks by Hony Secretary of Host Centre / Organising Secretary of the Webinar/ Deputy Director (Technical).

The standard operating procedure of organising technical webinars is mentioned below:

- (1) CATE approved that the Technical Webinar may be organized with approval of the Division Board/Chairman Division Board only routed through IEI HQ and report to CATE subsequently. Approval of CATE/CATE Chairman is not required, if the Centre may also organize webinar of their own without using the Zoom platform of IEI HQ as Local Activity; *[Approved during 146th Meeting of CATE and subsequently 717th Meeting of Council, Nagpur, 03-04 September 2022]*
- (2) IEI HQ will allot the time and make the Convener of the Centre/Foras (Organiser) as Co-Host;
- (3) IEI HQ shall host/power the Webinar on its Virtual Platform which shall also be streamed live on the IEI YouTube Channel;
- (4) IEI HQ shall provide technical & logistic support from start to finish;
- (5) If the Centres/Fora use their own platform, they will send the link to Technical Department for preparation of flyer and communicating the same to our members;
- (6) The registration fee for e-Certification will be equally shared between IEI HQs and the Organiser. IEI HQs will send the same in due course.

The flyer and invitation of the Technical Webinars will have to follow the approved design.

Submissions of proposals and reports have to follow the approved format.

The **Proposal Format**, **Flyer Format** and **Report Format** are enclosed as **ANNEXURE XIII**, **ANNEXURE XIIB** and **ANNEXURE XIIC**, respectively.

17.0. GUIDELINES/MODALITIES FOR ORGANISING ACTIVITIES WITH ENGINEERING COLLEGES

CATE, at it's 129th Meeting at Kuala Lumpur on 16 June 2015, deliberated on the proposal of framing the guidelines for organizing technical activities by Institutional Members of IEI jointly with State/Local Centre of IEI as per laid down guidelines, approved the same, which was



subsequently approved by *686th Meeting of Council, Kuala Lumpur, June 2015*.

The activities to be organized by the Institutional Members should be routed through concerned Division Boards. The concerned State/ Local Centres to be involved and IEI's Name and Logo are to be highlighted in all Banners, Publications of the programme.

[Approved during 135th Meeting of CATE and subsequently 696th Meeting of Council, New Delhi, July 2017]

The programme should be of National/International level.

Proposals should be submitted to IEI at least six months prior to the programme.

The minimum number of fresh membership enrolments from the college during the same Financial Year should be 50 out of which at least 40 should be Student Members (SMIE) till the date of application for the grant OR the minimum number of fresh student chapter members enrolled from the college during the same financial year should be 100 till the date of application for the grant.

[Approved during 723rd Meeting of Council, Guwahati, 24-25 September 2023]

As sponsorship, Rs 20,000/- may be approved per programme for organizing maximum two numbers of such activities by the IM in a financial year.

The name and Logo of IEI have to be displayed prominently in the banners and wherever applicable.

IEI will promote the programme by inserting announcements in IEI News and website.

The IM should submit a detailed report along with the photographs and one copy of Proceedings to IEI after completion of the programme.

Grant to be released to these Institutional Members after receipt and proper scrutiny of the activity reports and photographs and with due approval of Chairman, CATE/ CATE.

The **Application Format for Institutional Members** is enclosed as **APPENDIX XXIII**.

18.0. **OTHER TECHNICAL EVENTS**

Besides organizing various technical discourses in diverse fields of engineering in the form of Seminar / Conference / Workshop / Round Table, the IEI observes a number of days earmarked for specific purposes throughout the country. No Division sponsored activities can be organized by clubbing with the Statutory events observed by IEI.

[Approved during 115th Meeting of CATE and subsequently 661st Meeting of Council, Ranchi, September 2010]

Followings are the details of such activities:

18.1. **WORLD ENGINEERING DAY FOR SUSTAINABLE DEVELOPMENT**

[Approved during 707th Meeting of Council, Hyderabad, December 29, 2019]

United Nations Educational Scientific and Cultural Organisation (UNESCO) has declared March 04 as World Engineering Day for Sustainable Development considering the global awareness and understanding of the role of engineering in modern life. IEI being a National Member of World Federation of Engineering Organizations (WFEO), would like to request the engineering community in India to celebrate this day in a befitting manner and organize events to mark the occasion.

Key Objectives

- Create awareness of World Engineering Day as an important international day for achieving sustainable development
- Increase awareness of engineering, its impact on modern life as crucial to advance the UN's Sustainable Development Goals (SDGs)



- Highlight the achievements and role of engineers in promoting sustainable development
- Encourage more young people, especially women, to consider engineering as a career

Suggested Event Formats

- Conference, Symposium, Seminar, Round Table
- Workshop, Lectures, Site Visits, Exhibition
- Hackathon, Photo/Poster Competition, Installation/Design Challenge

Increase Visibility and Outreach

- Label your event with the World Engineering Day logo to be recognised as a part of our worldwide celebration on your website, social media channels and promotional materials
- Engage media and provide media with communication material about what has been done by engineers and engineering organisations for sustainable development
- Post photos and report of your event at technical@ieindia.org

18.2. WORLD WATER DAY

The theme and write-up for the World Water Day which is observed on March 22 every year, are given by United Nations. CATE approved the **change in nomenclature from Water Resources Day to World Water Day effective from year 2012** and the same is circulated to all Centres of IEI for observance of the day.

18.3. NATIONAL MARITIME DAY

[Approved during 147th Meeting of CATE and subsequently 720th Meeting of Council, Hyderabad, 26-27 March 2023]

April 05 is celebrated every year in India as National Maritime Day to commemorate the maiden voyage of the first Indian owned commercial vessel SS Loyalty that set sail from Bombay (Mumbai) to London, on 05 April 1919. National Maritime Day commemorates our nation's entry into the international mercantile shipping community in 1919".

18.4. WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY

The theme for the World Telecommunication and Information Society Day is obtained from International Telecommunication Union, Geneva, Switzerland and is circulated to all Centres for the observance of the day on May 17 every year.

18.5. WORLD ENVIRONMENT DAY

The theme for the World Environment Day is obtained from the IEI HQ of UNEP and is circulated to all Centres for the observance of the day on June 05 every year.

18.6. ROYAL CHARTER DAY

Established in the year 1920, with it's Headquarters at 8 Gokhale Road, Kolkata 700 020, The Institution of Engineers(India) was incorporated by Royal Charter on September 09, 1935 and remains the only professional body in India to be accorded this honour.

On September 09 of every year, this day is observed by all Centres of IEI. On this auspicious day, the Royal Charter of Incorporation was granted to IEI by His Majesty, The King and Emperor George V at the Court at Buckingham Palace, London.

18.7. ENGINEERS' DAY

The Engineers' Day is celebrated by all Centres of IEI on the September 15 of every year to commemorate the birthday of Bharat Ratna Sir Mokshagundam Visvesvaraya.



The Central Theme of National importance for the day is chosen by the Council of the Institution for celebration by the Centres through Lecture/s, Round Table/s Workshop/s, Seminar/s. The theme and write up on the same is prepared by the IEI HQ and send to all Centres of IEI before the end of June each year.

18.8. **WORLD HABITAT DAY**

On First Monday of October every year, this day is observed by all Centres of IEI. The theme for the World Habitat Day is obtained from UN-Habitat and circulated to all Centres for the observance of the Day.

18.9. **WORLD STANDARDS DAY**

On October 14 of each year, this day is observed throughout the century by IEI Centres. The BIS, Delhi provides the theme to the IEI HQ, which is communicated to all Centres by the Secretariat.

18.10. **ENERGY CONSERVATION DAY**

On December 14 of every year, this day is observed by all Centres of IEI as part of national observance of Energy Conservation week observed at various States of India starting from December 14.

19.0. **TECHNICAL PUBLICATIONS**

Technical publications of Engineering Divisions form one of the most important tools of communication designed to bridge the gap between the latest developments and the available existing knowledge in the respective fields of engineering and technology. The IEI-Springer Journal one of them. To augment the quality of the Journals, the Institution has signed the Co-publishing Agreement with Springer (India) Pvt. Ltd., New Delhi, on August 10, 2011. Both the Institution and Springer have agreed for the common cause of improvement in the quality of journals, impact factor, citation index and also to improve the global visibility.

Apart from the IEI Journals, the IEI News and IEI Epitome are the monthly publications for distribution within the Corporate Members of Institution.

[Approved during 129th Meeting of CATE and subsequently 686th Meeting of Council, Kuala Lumpur, June 2015]

Further Annual Technical Volume of each division is regularly published as advised by respective engineering Division Boards.

[Approved during 122nd Meeting of CATE and subsequently 675th Meeting of Council, Hyderabad, March 2013]

The R&D Compendium is also published every year in September on various completed R&D Projects approved by the Institution.

[Approved during 119th Meeting of CATE and subsequently 670th Meeting of Council, Ahmedabad, March-April 2012]

CATE recommends that Rs. 1.5 lakhs may be allocated from the budget of R&D for publication of Compendium.

[Approved during 135th Meeting of CATE and subsequently 696th Meeting of Council, New Delhi, July 2017]

The Hindi Technical Publication of the Institution, namely, Abhiyanta Bandhu, is being published every year under the aegis of National Languages Promotional Committee (NLPC).

[Approved during 121st Meeting of CATE and subsequently 673th Meeting of Council, Kolkata, September 2012]

19.1. **PUBLICATION OF IEI-SPRINGER JOURNALS**

All the fifteen engineering divisional journals have been clubbed into five series as follows:



Series A	: Civil, Architectural, Environmental and Agricultural Engineering
Series B	: Electrical, Electronics & Telecommunication and Computer Engineering
Series C	: Mechanical, Aerospace, Production and Marine Engineering
Series D	: Metallurgical & Materials and Mining Engineering
Series E	: Chemical and Textile Engineering

The **Schedule** (revised) of Publication of IEI-Springer Journals is given in **APPENDIX XXIVA**.

[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017 & Approved during 724th Meeting of Council, Jabalpur, December 2023]

Further, as recommended by CATE/Council, on successful completion of review, an e-Certificate of Appreciation is to be sent to the Reviewers of all series of Journals of The Institution of Engineers (India) under the facsimile signature of President and Secretary & Director General in recognition of their contribution. During issuance of e-certificate, a formal request is to be made for taking up of membership of IEI.

[Approved during 128th Meeting of CATE and subsequently 685th Meeting of Council, Chandigarh, April 2015]

Based on the consent, in a calendar year, a token amount of Honorarium (Rs. 20,000/- and 10,000/-) as Secretarial Expenses for the Editor-in-Chiefs for the Journals of Series A, B & C and D & E, respectively, an amount of (Rs. 10,000/- and 5,000/-) as Secretarial Expenses for the Associate Editors of the Journals of Series A, B & C and D & E, respectively and Rs.250/- as Secretarial Expenses for the Reviewers as per article are being paid.

[Approved during 123rd Meeting of CATE and subsequently 676th Meeting of Council, Ranchi, June 2013]

19.1.1. Procedure for Vetting Technical Paper for IEI-Springer Journals

For IEI-Springer Journals, all papers are being submitted online by the author/s along with **Declaration Form (APPENDIX XXIVB)** duly signed by the all the authors and subsequently a peer review process has been introduced through the Editorial Manager System.

Detailed **procedure for vetting technical papers** for IEI Journals is given in **APPENDIX XXIVC**.

• Editor-in-Chief's

With effect from 2011 the Editor-in-Chief for each series of IEI-Springer Journal were appointed.

Appointment of Editor-in-Chief

[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]

The Editor-in-Chief for each Series of IEI-Springer Journals would be appointed by The Institution of Engineers (India) with approval of President, IEI based on the input from outgoing Editor-in-Chief/Springer Nature. The recommended person must satisfy the following eligibility criteria:

- **Academic qualifications:** Must have a PhD degree in a related field of engineering. A postdoctoral degree or additional academic qualifications in the relevant field will be desirable.
- **Research experience:** Must have a strong research record in the relevant field, with a significant number of publications in peer-



reviewed journals, preferably in Scopus or other recognized indexing databases.

- **Editorial experience:** Must have editorial experience, such as serving as a member of the Editorial Board, Associate Editor, or Guest Editor for reputable international journals.
- **Professional network:** Should have a strong professional network within the academic and research communities and should be well-connected with researchers, practitioners, and professionals in the relevant field.
- **Leadership skills:** The Editor is expected to have excellent leadership skills, including the ability to manage a team of editorial staff, oversee the review process, and make strategic decisions about the direction and scope of the journal.
- **Knowledge of editorial policies:** The Editor should have a thorough understanding of the editorial policies and guidelines of the journal and have a strong commitment to ensuring the quality and integrity of the publication process.
- **Time availability:** He/She must be able to commit a significant amount of time to the journal and have the ability to prioritize your workload to ensure that the journal's editorial processes are managed effectively.

On receipt of approval from President, IEI, the letter of appointment be issued from IEI Secretariat under the signature of Secretary & Director General with a copy to Chairman CATE. Appointment which takes place in the interim period between two Council Meetings would be reported to CATE and Council at its next Meeting for noting.

- **Associate Editors**

Editor-in-Chief may appoint Associate Editors as and when required.

Appointment of Associate Editor

[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]

As per approved Guidelines, Editor-in-Chief may recommend to IEI for approval of appointment of Associate Editors as and when required. The Associate Editor will be required to fulfill the following criteria:

- **Academic qualifications:** Must hold a PhD degree in a relevant field of engineering, and preferably have some postdoctoral experience as well.
- **Research experience:** Should have a strong research record in the field, with a good number of publications in high-impact peer-reviewed journals.
- **Editorial experience:** Previous experience of serving as a reviewer or editor for journals in the same or related fields is desirable, which demonstrates understanding of the peer-review process and ability to provide constructive feedback.
- **Area of expertise:** Must have a profound understanding of the specific area of engineering that the journal covers, and be able to provide expert advice on the suitability of manuscripts for publication.
- **Communication skills:** Strong written and verbal communication



skills are essential, as he/she will be required to communicate effectively with authors, reviewers, and other members of the editorial board.

- **Time commitment:** The Associate Editor should be able to commit the necessary time and effort to the role.
- **Professional network:** The Associate Editor should have a broad professional network in the field of engineering, which can be useful in identifying potential reviewers and authors, and in promoting the journal.

It is proposed that based on the recommendation of Editor-in-Chief, the matter of appointment may be approved by the President, IEI and the appointment letter to new Associate Editor may be issued from IEI Secretariat with a copy to Chairman, CATE. Appointment which takes place in the interim period between two Council Meetings would be reported to CATE and Council at its next Meetings for noting.

• Editor-in-Chief's Review

The Reviewers are advised to forward their evaluation reports of submitted article directly to the Editor-in-Chief / Associate Editor.

- (i) The Editor-in-Chief may agree with the Reviewer's Comments and approve the paper / article;
- (ii) The Editor-in-Chief may also suggest revision of the paper / article with specific recommended modifications, in which case the paper / article goes back to authors for modification;
- (iii) The Editor-in-Chief may reject a paper / an article, if in his opinion; it is not up to the mark for publication in the Institution's Journal.

• Final Review and Approval

The Editor-in-Chief finally reviews a paper in light of the Reports submitted by the Reviewers and finally recommends the paper/s for publication or otherwise

19.2. PUBLICATION OF ANNUAL TECHNICAL VOLUMES

The *680th Meeting of Council* has approved publication of the Annual Technical Volume by various Engineering Division Boards and Interdisciplinary Coordination Committee (ICC). Papers from eminent engineers on contemporary issues having technical relevance may be published in these volumes. It is expected that the articles are not purely academic in nature, but experience of the professional engineers are reflected through those for sharing of knowledge with wider cross-section of fellow professionals. Papers/Lectures presented in National Convention and in different All India Seminars should be given priority. Chairman, CATE will be Chief Editor and Chairman of the Divisional Board will be the Consulting Editor of the Annual Technical Volume. The Division Board members will provide all sort of assistance in collecting, selecting and editing of the articles. Chairman of the Divisional Board in consultation with Chairman CATE will select a panel of reviewers for review and editing of papers. President's name will appear in all Annual Technical Volumes in the same manner as it appears in IEI-Springer Journals. All Division Board Members be the Members of the Editorial Board and their names will be appropriately displayed in the Technical Volume. Secretary & Director General of the Institution will be the Publisher on behalf of IEI.

The **Terms of Publication of the Annual Technical Volume** is enclosed as **APPENDIX XXV**.



Apart from it, the author(s) have to submit the **Declaration Form (APPENDIX XXIVB)** duly signed by the all the authors.

19.3. PUBLICATION OF R&D COMPENDIUM

As approved by *Council at its 119th Meeting*, it was decided to publish R&D Compendium to highlight the summary and tangible outcome of the projects and should be widely distributed.

20.0. MAJOR DUTIES AND RESPONSIBILITIES OF TECHNICAL DEPARTMENT AT HEADQUARTERS

- (a) To arrange the meetings of the Division Boards including preparation of Agenda, Minutes and to take follow-up actions;
- (b) To liaise with the Editor-in-Chief and the Chairmen of the Division Board;
- (c) To announce the forthcoming technical events in IEI News in several consecutive issues;
- (d) To keep in touch with the Centres organizing technical events;
- (e) To arrange for receiving proceedings, souvenirs, recommendations / conclusions, a complete report with photographs, etc from the organizers within two weeks after completion of technical events and publish in comprehensive form in IEI News;
- (f) To arrange for the reports on National Convention using the laid down format;
- (g) To submit quarterly and Annual Report on the Technical Activity of the Divisions to the CATE/ Council.

21.0. PRIZES AND AWARDS TO BE GIVEN IN INDIAN ENGINEERING CONGRESS

The Institution awards every year a number of prizes and awards in various categories as given below:

21.1. PRIZES FOR BEST PAPERS PUBLISHED IN IEI-SPRINGER JOURNALS

Details are given in **APPENDIX XXVI**.

21.2. IEI INDUSTRY EXCELLENCE AWARD

The IEI Industry Excellence Award has been instituted to recognize industry leaders for their innovation, excellence in engineering operations and thereby, to lead their industry in competitive manner. The benchmarks created by the industries in India have included productivity, quality, safety and performance assurance thereby giving India the rightful place in the global markets. Realizing that such industries can provide the leadership to a large number of other industries in the country, it has been considered appropriate by the IEI Council to launch the IEI Industry Excellence Awards in the year 2008.

21.3. IEI YOUNG ENGINEERS AWARD

Matters are shifted previously, under Section 12.1.3(i)

21.4. NATIONAL DESIGN AND RESEARCH FORUM (NDRF) AWARDS

These awards are given on the recommendation of the Expert Selection Committee appointed every year by the NDRF of the Institution.

21.5. SAFETY AND QUALITY AWARDS

The Safety and Quality Awards have been instituted by the Safety and Quality Forum of IEI with a view to encourage professionals from manufacturing and service sectors to strive for excellence.

The Safety and Quality Awards of the Institution would help :



- (a) Encouraging professionals to make significant improvements in safety and quality practices for maximizing workforce and consumer satisfaction and for successfully facing competition in the global markets;
- (b) Recognizing the achievements of those professionals who have improved in the field extensively and thereby set an example for others;
- (c) Establishing guidelines and criteria to evaluate competency of professionals.

21.6. WMF AWARDS

Water Management Forum (WMF) of the Institution presented the Award for best contribution towards Conservation of Water in Institutional category and Individual category.

21.7. SAIL AWARDS

To mark the special occasion of the Golden Jubilee of the Institution held in February 1970, the Hindustan Steel Limited (now Steel Authority of India Limited), Ranchi, donated two gold medals, known as the "Dr M Visvesvaraya Memorial Gold Medal" and the "Hindustan Steel Gold Medal", to The Institution of Engineers (India) on a permanent basis. After the merger of the Hindustan Steel Limited with the Steel Authority of India Limited, the above awards are now being called "SAIL Award and Dr M Visvesvaraya Award". Each of these awards is presented during the Indian Engineering Congress held annually for the best paper invited and received by the Institution on subjects each year by Steel Authority of India Limited through the Institution publications.

21.8. COAL INDIA (J G KUMARAMANGALAM MEMORIAL) AWARD

This prize was instituted in 1990 by Coal India Limited in the memory of J G Kumaramangalam and is given for the best paper invited and received by the Institution on the subject announced each year through the Institution publications. Though the subject broadly pertains to the mining industry, the exact scope of the subject would be decided jointly by the representatives of the Coal India Limited and the Institution for year to year.

21.9. H NANDY MEMORIAL AWARD

This prize was instituted in the year 2010 by the Institution for being the topper in Section B Examination in Materials and Metallurgical Engineering discipline of the Institution considering both Summer and Winter examinations.

Institution also **awards prizes** to Technician and Student Members on the basis of their proficiency in the Institution Examination each year. These are distributed at the Annual Convocation and Students' / Technicians' Convocation (for details, see **APPENDIX XXVII**).



**RECOMMENDED
THRUST & EMERGING AREAS OF TECHNOLOGY IN ENGINEERING DIVISIONS**

Deleted — due to its' Dynamic Nature

Latest list is already available on IEI Website.



APPENDIX II

CONDENSED REPORT FOR CATE

Name of National Convention, Date, Place	:			
Theme	:			
Date, Venue	:			
Host Centre	:			
No. of Delegates & Papers presented	:			
Eminent Engineering Personalities	:			
Young Engineer Awardees	:			
Memorial Lecture Speaker(s) & Title of Lectures	:			
Recommendations	:			
Report of Convention published in IEI News	:			
Fund Release Status	:			
Division Board Meeting Chaired by	:			
No. of Members present in Division Board Meeting	:			
Comments of Chairman of Divn Board / Divn. Board Meeting	:			



APPENDIX III

GUIDELINES FOR THE CORE GROUP OF THE NATIONAL CONVENTIONS AND ALL INDIA SEMINARS

[Approved by the Council at its 676th Meeting held at Ranchi during 29-30 June 2013]

1.0 Formation of the Core Group

Each Divisional Board may form a Core Group (Expert Committee) consisting of eminent engineering personalities from all over the country and abroad in that particular discipline, who may or may not be Member of IEI.

2.0 Planning

The number of experts may be limited to five for larger Divisional Boards (CVDB, ELDB and MCDB) and three for smaller Divisional Boards. Chairmen of Divisional Boards will approach the experts to obtain their consent in this regard.

The Divisional Board will prepare a list of persons / organizations whom recommendations will be forwarded.

3.0 Tenure of the Core Group

The tenure of the Core Group will be for at least two years.

4.0 Responsibility

- 4.1** On completion of National Conventions / All India Seminars, Host Centre will forward the recommendations arising out of the all India activities along with five copies of proceedings, report and photographs to IEI HQ. Those recommendations will be discussed in the Divisional Board Meetings and after necessary discussion / amendment, same will be sent to the Core Group for their views/comments. After receiving comments from Core Group the same will be finalized by the Chairman of Divisional Board and those will be sent to the persons / organizations (as recommended by Divisional Board) for their perusal and necessary action.
- 4.2** Recommendations as approved by the Division Boards will be published in IEI News and IEI website for wider visibility.
- 4.3** Divisional Boards will place those recommendations in CATE Meeting for noting.



APPENDIX IV

GRANTS FOR TECHNICAL ACTIVITIES

(a) Grants to Divisions

[Clause No. 22.0 of *Financial Norms and Rules of IEI* dated 01 June 2004 (Amended up to September 2022)]

- I. The grants to the Divisions for conducting all India activities (excluding international activities and National Conventions, shall be as per following norms.

(i) Technical Activity Fund

Division-wise, to be decided by Chairman CATE based on the actual expenditure in previous year and recommended to President for approval for Division-wise breakup out of the total allocated budget. The relevant input is provided by the Technical Department and recommended to Chairman CATE through SDG.

N.B.: However, the Grant for Division Board sponsored Two-Day activity is Rs.40,000/- and for One-Day activity Rs.20,000/-*

*[Approved during 150th Meeting of CATE and subsequently 725th Meeting of Council, Hosur, 29-31 March 2024]

(ii) National Convention

Norms for allocation of grants for the National Convention of the Engineering Division Boards

Number of Division Board Members	Grant
Up to 5	1.50 lakhs
6 to 10	1.75 lakhs
11 to 15	2.00 lakhs
16 to 20	2.25 lakhs
More than 20	3.00 lakhs

25% of grant will be released on receipt of Information Brochure. 50% will be released during the Convention and 25% will be earmarked as Chairman's Discretionary Fund. The Chairman's Discretionary Fund will be released to the Host Centre after completion of the Convention and after deduction of the expenses incurred by the IEI HQ for the Convention (e.g. preparation of plaques for Speaker of Memorial Lecture and Eminent Engineers etc.) and conformation of necessary formalities.

(iii) Grants for One-Day Seminar/Workshop (One Day Activity)

Grant from the Division Board to be provided to the Host Centre @Rs.20,000/-* per activity.

(iv) Grants for All India Seminar/ Conference / Workshop / National Conference (Minimum Duration 02 days)

Grant from the Division Board — for Two-Day activity, Rs.40,000/-* in two equal installments is available. On receipt of printed Information Brochure, Rs.20,000/-* will be released and the rest on fulfillment of all the procedures as per Guidelines like submission of detailed Report, Recommendations, Photographs and Proceedings.

(v) Grant for Workshop on Disaster Mitigation & National Building Code

Grant from the Civil Engineering Division Board to be provided to the host Centre @ Rs.20,000/- per activity [grant is released based on the report and photograph].

- II. Grant for technical activity not held by end of the financial year namely 31st March, shall lapse and shall not be carried forward. If any part of grant is already released for the activity to be held in the current financial year, but not held, shall be recovered after adjustment of reasonable secretarial expenses.

(b) Grant for Indian Engineering Congress

[Clause No. 23.0 of *Financial Norms and Rules of IEI* dated 01 June 2004 (Amended up to September 2022)]

- (i) The amount of grant shall be Rs.27,50,000/- [Rupees twenty seven lakhs, fifty thousand only].



- (ii) The Headquarters shall bear expenses for printing the brochure, advertisement released by the Headquarters announcing the Congress, if any, expenditure incurred in connection with printing of memorial lectures, brochure related to "Glimpses of Engineering Personalities", TA/DA and honorarium paid to the Speakers and Engineering Personalities and cost of mementos given to them.

The Host Centre will bear all expenses towards reasonably good accommodation, food and local transport to the President, President-elect, Chief Guests, Special Invitees & Guests of Headquarters, Speakers of the Memorial Lectures, Foreign Delegates and Headquarter Officials.

- (iii) Out of the amount of grant a sum of Rs.3,00,000/- shall be released six months prior to the Congress, Rs.7,00,000/- two months prior to the Congress subject to satisfactory progress of the preparation of the Congress and the balance during the Congress.
- (iv) The Centre hosting Indian Engineering Congress and not submitting the Audited Accounts pertaining to the Congress within 6 (six) months from the date of conclusion of the Congress shall be liable to a reduction of grant @ 1% of total income of the Congress excluding the amount of grant to be deducted from the Annual Grant to that Centre.
- (v) Surplus, if any, will be retained by the host Centre and deficit, if any, will be borne by the host Centre.
- (vi) If the host Centre fails to conduct the Congress no grant shall be payable and advance towards the grant paid shall be adjusted against the annual grant to that Centre. If the Centre hosts only the Annual General Meeting and the meeting of the Council but not the Congress as directed by the Headquarters, a grant of only Rs.1,00,000/- shall be payable to the host Centre for providing the facilities as described in para 23.2.

(c) Reallocation of Fund for Technical Activities

[Approved during 135th Meeting of CATE and subsequently 696th Meeting of Council, New Delhi, July 2017]

CATE recommends that

- (a) Sanction of additional fund for technical activities of Division Boards in this Financial Year may be done by Chairman, CATE from within surplus amount of Rs 5 lakhs kept in the budget for technical activities.
- (b) Any reallocation of fund within the Boards/Committees will be done in the last quarter of Financial Year.
- (c) Enhancement of budget for Technical Activities to Rs.75 lakhs and that for R&D to Rs.100 lakhs during the next Financial Year will be placed in the next Finance Committee Meeting.

(d) Incomplete Technical Activities

As approved by *Council* at its' 682nd Meeting at Panchmarhi, Madhya Pradesh during June 2014, an intimation be sent to those Centres who have failed to organize technical activities for which grant has already been released to complete the activity within 15 days, failing which action may be initiated as per Clause no 22.2 of Financial Norms of IEL.

(e) As approved by Council at its' 685th Meeting, held at Chandigarh during April 2015

- (i) **For National Conventions**
 - If the printed brochure is not made available four months prior to the Convention, grant may not be released.
 - If report is not received within one month of culmination of the programme, Chairman's Discretionary Fund will not be released.
- (ii) **For All India Seminar**
 - If the printed brochure is not made available two months prior to the All India Seminar, grant may not be released.
 - If report is not received within one month of culmination of the programme, balance grant will not be released.
- (iii) **For One-Day Seminar/Workshop**
 - After conclusion of the Seminar, if report is not received within one month in the approved format, grant for organizing the Seminar cannot be released.

No part of this grant shall be used for travelling.



APPENDIX V

REPORT FORMAT FOR QUARTERLY TECHNICAL ACTIVITIES

Table : A

NAME OF THE CENTRE	
REPORT FOR QUARTER NO.	1 (Apr-Jun) / 2 (Jul-Sep) / 3 (Oct-Dec) / 4 (Jan-Mar) (Strike out / Delete which is not applicable)
YEAR :	20..... - 20.....

Table : B Quantitative Summary of Activities of Centre

		Approved by Divisional Board / CATE		
Events	Statutory Days	National Convention	All India Seminars	One Day Workshop / Seminar
Numbers				
Attendance				

Events	Local Seminar	Lecture / Paper Meeting under Divisions	Technical Visits	Films Show	International Seminar	Indian Engineering Congress / Council Meeting
Numbers						
Attendance						

TECHNICAL PROGRAMMES

Table : C Details of Observation of Statutory Days

Day	Date (dd.mm.yy)	Speakers	Number of Corporate Participants	Number of Non-Corporate Participants	Associate with any Forum
World Engineering Day for Sustainable Development (March 04)					
World Water Day (March 22)					
National Maritime Day (April 05)					
World Telecommunication and Information Society Day (May 17)					
World Environment Day (June 05)					
Royal Charter Day (September 09)					
Engineers' Day (September 15)					
World Habitat Day (First Monday of October)					
World Standards Day (October 14)					
Energy Conservation (December 14)					

**Table : D Details of Technical Activities Approved by Divisional Board / CATE**

Type of Activity @	Date (dd.mm.yy)	Events	Division #	Speakers	Number of Corporate Participants	Number of Non-Corporate Participants	Associate with any Forum

@ : (All India Seminar : AIS; National Convention : NC; One Day Workshop / Seminar : OS)

#: (Agricultural Engg.: AGDB; Architectural Engg.: ARDB; Aerospace Engg.: ASDB; Chemical Engg.: CHDB; Civil Engg.: CVDB; Computer Engg.: CPDB; Electrical Engg.: ELDB; Environmental Engg.: ENDB; Electronics and Telecommunication Engg.: ETDB; Interdisciplinary: ICC; Mechanical Engg.: MCDB; Marine Engg.: MRDB; Metallurgical and Materials Engg.: MMDB; Mining Engg.: MNDB; Production Engg.: PRDB; Textile Engg.: TXDB)

Table : E Details of other Technical Activities (other than approved by Division Board / CATE)

Type of Activity \$	Date (dd.mm.yy)	Events	Division #	Speakers	Number of Corporate Participants	Number of Non-Corporate Participants	Associate with any Forum

\$: (Lecture, Paper Meeting / Local Seminar : LS; Films Show : FS; Technical Visits : TV)

#: (Agricultural Engg.: AGDB; Architectural Engg.: ARDB; Aerospace Engg.: ASDB; Chemical Engg.: CHDB; Civil Engg.: CVDB; Computer Engg.: CPDB; Electrical Engg.: ELDB; Environmental Engg.: ENDB; Electronics and Telecommunication Engg.: ETDB; Interdisciplinary: ICC; Mechanical Engg.: MCDB; Marine Engg.: MRDB; Metallurgical and Materials Engg.: MMDB; Mining Engg.: MNDB; Production Engg.: PRDB; Textile Engg.: TXDB)

Table : F Organization of Programmes in National Languages, if any

Type of Activity \$	Date (dd.mm.yy)	Events	Division #	Speakers	Number of Corporate Participants	Number of Non-Corporate Participants	Associate with any Forum

\$: (Lecture, Paper Meeting / Local Seminar: LS; Films Show: FS; Technical Visits: TV)

#: (Agricultural Engg.: AGDB; Architectural Engg.: ARDB; Aerospace Engg.: ASDB; Chemical Engg.: CHDB; Civil Engg.: CVDB; Computer Engg.: CPDB; Electrical Engg.: ELDB; Environmental Engg.: ENDB; Electronics and Telecommunication Engg.: ETDB; Interdisciplinary: ICC; Mechanical Engg.: MCDB; Marine Engg.: MRDB; Metallurgical and Materials Engg.: MMDB; Mining Engg.: MNDB; Production Engg.: PRDB; Textile Engg.: TXDB)

PUBLICATION AND LIBRARY

Table : G Details of Newsletters and other Publications Published during the Report Period

	Numbers	Subject, (If Applicable)	Dates
Newsletter			
Publications			

**Table : H Library**

Events	Total as on First Day of Quarter	Addition of the Quarter	Total as on Last Day of Quarter	Grant Received	Amount Spent
Books					
Periodicals					
Borrower Cards Issued					
Number of Visitors					

PUBLICITY AND PUBLIC RELATIONS**Table : I Details of Press Coverage and Release and PR Activities**

Date (dd.mm.yy)	Newspaper	Item	Remarks

Table : J List of Dignitaries visited the Institution

Date (dd.mm.yy)	Event	Dignitary	Designation	Organization

Table : K IEI PR / Information Counter Opened

Date (dd.mm.yy)	Event	Location	Number of Visitors

TECHNICIAN CHAPTER**Table : L Technicians' Chapter**

Number of Technicians' Chapters attached to the Centre :	
--	--

Summary of Activities of Technicians' Chapter for the Period

Events	Common Meeting	Lecture, Paper Meeting	Film	Visits	Seminar / Symposia	Reception	Short Term / Refresher Courses
Numbers							
Attendance							

Table : M Students' Chapter

Number of Students' Chapters attached to the Centre:	
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Summary of Activities of Students' Chapter for the Period

Events	Common Meeting	Lecture, Paper Meeting	Film	Visits	Seminar / Symposia	Reception	Short Term / Refresher Courses
Numbers							
Attendance							

Table : N Details of Interaction with Engineering College Students' Chapter / Polytechnic Students' Chapter

MEMBERSHIP

Table : O Membership Growth

As on (dd.mm.yy)	Institutional Member	Corporate Members (AM / M / F)	Senior Technician	Technician Members	Total	Quarterly Growth (%)

Table : P Change of Address Reported

Name	Membership No.	Reporting Date (dd.mm.yy)

Table : Q List of Expired Members Reported

Name	Membership No.	Date of Expiry (dd.mm.yy)



LIST OF MEMORIAL LECTURES AT INDIAN ENGINEERING CONGRESS

The Institution has founded the following Memorial Lectures, which are annually organized during the Indian Engineering Congress

- Sir Mokshagundam Visvesvaraya Memorial Lecture
- Sir R N Mookerjee Memorial Lecture
- Dr A N Khosla Memorial Lecture
- Nidhu Bhushan Memorial Lecture
- Bhaikaka Memorial Lecture
- Dr Amitabha Bhattacharyya Memorial Lecture
- Prof C S Jha Memorial Lecture
- Dr K L Rao Memorial Lecture

SIR MOKSHAGUNDAM VISVESVARAYA MEMORIAL LECTURE

Sir Mokshagundam Visvesvaraya Memorial Lecture was founded by the Maharashtra State Centre of the Institution in 1957-58 and the first few lectures were delivered in Bombay. Later, the lecture was transferred to the IEI HQ of The Institution of Engineering (India) in 1960, to be delivered during the Annual Convocation of the Institution, which was subsequently redesignated as the Indian Engineering Congress.

Born in 1861 at Chikkabalarpur in former Mysore State, Sir Mokshagundam took the B A degree from Madras University in 1880 and received engineering education at the then College of Science, Pune. Early in 1884, he was appointed as an Assistant Engineer in the Bombay PWD. In 1894, he was called upon to undertake the execution of the water supply and drainage of Sukkur in Sind (now in Pakistan). The construction of another waterworks scheme for Surat City followed. In 1899, he was placed in charge of Poona Irrigation District. The Indian Irrigation Commission of 1901-1903 appointed him to tour the country and advise the Government of India on measures to implement and extend schemes of cultivation by irrigation. He also designed, patented and installed a system of automatic gates in 1903 to raise the storage level of the lake at Khadakvasla permanently without raising the dam height and thus combat the insufficiency of the lake as a source of supply to meet the needs of the Mutha Canal and the water supply requirement of Poona City. In 1906, he was deputed to Aden to prepare a proposal for sanitation, water supply and roads. After 28 years of service, he took voluntary and premature retirement in 1900.

In 1909 at the pressing invitation of the *Maharaja* of Mysore, he accepted the services in Mysore State as Chief Engineer. His scheme for the Mysore Iron and Wood Distillation Works, Bhadravati using wood charcoal for reduction of iron ore received shape in May 1918. In the words of Gandhiji, "the Krishnarajasagara alone which is one of the largest of its kind in the world would perpetuate the name of Sir Visvevaraya". At the advance age, he prepared a flood control scheme for Orissa and was called upon to advise on the Tungabhadra Project. One of his last assignments was the selection of suitable site for the rail-cum-road bridge across the Gange in Bihar (the Mokameh Bridge) opened on May 01, 1959.

He received the title of CIE in 1911 of KCIE in 1915 and Bharat Ratna in 1955. He was honoured by a number of universities and he was a recipient of the Durga Prasad Khaitan Memorial Gold Medal awarded by the Royal Asiatic Society, Calcutta. He had the distinction of being the Honorary Life Member of the Institution, Honorary Member of the Indian Science Congress Association and other reputed learned associations. He died in 1962 at the age of 101 years.

To perpetuate his memory, The Institution of Engineers (India) is also observing September 15 each year, his birthday, as Engineers' Day to inspire the members of the engineering community to his ideals.

SIR R N MOOKERJEE MEMORIAL LECTURE

The Council of The Institution of Engineers (India) decided to institution an Annual Lecture in the name of Sir Rajendra Nath Mookerjee who was the first Indian President of the Institution to commemorate his contributions to the nation as an engineer and is delivered at the Annual Convention of the Institution, re-designated as Indian Engineering Congress. The first lecture was delivered at the Diamond Jubilee of the Institution in 1980.



Sir Rajendra Nath Mookerjee had the vision of an engineer and the comprehension of an intellectual. Born on June 23, 1854, he rose on the Indian scene in the 19th century and continued to serve the engineering profession and the country until the thirties of the 20th century. He died on May 15, 1936. The life story of Sir Rajendra Nath Mookerjee is the story of a great businessman, equally great of heart as of head, generous of instinct and charitable of soul, who brought glory to everything he touched.

Born in a typical middle-class family, Sir Rajendra Nath Mookerjee lost his father when he was six. Having matriculated from the London Missionary Society's Institution of Calcutta, he joined the engineering department of Presidency College, Calcutta. The satisfactory execution of the construction of Palta Water Works for the city of Calcutta gave him the confidence and experience that enable this self-made man in later life, to build an industrial colossus and a trading conglomerate. Sir Ranjendra Nath Mookerjee was the President of Science Congress in 1921 and in 1931. The Calcutta University conferred on him the honorary degree of Doctor of Science. He was the first President of The Institution of Engineers (India) during the session 1920-1921. He was knighted after his successful construction of the Victoria Memorial Building at Calcutta.

An abiding and deep interest of Sir Rajendra Nath Mookerjee in all kinds of social welfare work brought into being and sustained many a charitable institutions. Essentially a man of science, Sir Rajendra Nath practiced technology for the development of his country.

DR A N KHOSLA MEMORIAL LECTURE

To perpetuate the memory of Dr Ajudhia Nath Khosla, one of the most distinguished engineer-administrators of the country, this lecture was instituted and the first lecture was delivered at the Second Indian Engineering Congress held in 1988. He was President of The Institution of Engineers (India) for 1948-49 and 1949-50.

Born in 1892 at Jallunder, Dr Khosla graduated from Dayanand Anglo-Vedic College, Lahore in 1912. His first assignment was the survey and investigation connected with the Bhakra Dam Project. The Bhakra Dam has been built on the very axis line marked by him in 1917. During his brief stint with the Mesopotamia Expeditionary Force in Iraq as a Commissioned Officer (1918-20), he made his important contribution to engineering by the invention of Khosla Disc for precision levelling across rivers and wide valleys. During 1921-26, he evolved and introduced precast concrete units for construction of barrages and later was responsible for re-modelling of the Marala headworks and the Upper Chenab Canal works. During this period he also carried out intensive research on the flow of water through subsoil in relation to stability of hydraulic structures. These researches culminated in 1936 in the publication of his treatise on 'Design of Weirs on Permeable Foundations'.

In 1943, he was appointed Chief Engineer and Secretary to the Government of Punjab followed by appointment as Consulting Engineer to the Government of India and the first Chairman of Central Waterways, Irrigation and Navigation Commission and also the Additional Secretary to the Government of India in the Ministry of Works, Mines and Power. He developed the Poona Research Station at Khadakvasla into the Central Water and Power Research Station. He retired from this post in 1953.

Dr Khosla initiated investigation of the water and power potential of the river valleys as a whole and several individual projects, like the Bhakra, Chambal, Damodar Valley, Hirakud, Kosi, Narmada and Tapi. Special mention is necessary of the Hirakud Project on the Mahanadi river, which he conceived in 1945 soon after assuming charges as Chairman, Central Waterways, Irrigation and Navigation Commission. The Mahanadi Valley Project at Hirkud was completed in early 1957 — a record time of 12 years between conception and completion of a project of this magnitude. Dr Khosla thus may well be called 'the father of the river valley projects in India.

In 1953-54 as Special Secretary to the Government of India, he led the Indian delegation to the United Nations for the Indus Water dispute with Pakistan. These negotiations led to the World Bank proposals, which later formed the basis of the Water Treaty between India and Pakistan. He was a member of the *Rajya Sabha* from April 1958 to October 1959 and a member of the Planning Commission in 1959. In 1962, he was appointed the Governor of Orissa. This appointment was a historic event for the engineers of this country.



NIDHU BHUSHAN MEMORIAL LECTURE

This lecture was instituted in 1966 by the illustrious metallurgist-philosopher Late Prof Guru Prasad Chatterjee in memory of his father Late Nidhu Bhushan Chatterjee. In Nidhu Bhushan, we find a man who, without being an engineer in the conventional sense, had the urge to serve mankind through his knowledge of science coupled with great inspiration derived from his knowledge of metaphysics. Although he got admission to Bengal Engineering College through a stiff competitive examination, he could not complete his studies on pecuniary ground. He wanted to be an engineer since he believed that one with love for scientific studies should alone become an engineer who has better opportunities to prepare himself for better service to his fellow beings.

With strong determination, Nidhu Bhushan, a science graduate, could raise himself to the position of an Inspecting Accountant in the Finance Division of Central PWD. He continued to serve the society never caring for name or fame. Nidhu Bhushan was a firm believer in the fact that only fundamental discipline in the life can help man to set around from within to face life without fear or frustration.

BHAIKAKA MEMORIAL LECTURE

Taking into consideration the unique contribution of Late Bhailal Bhai Patel, popularly known as Bhaikaka, towards engineering, particularly rural engineering in Gujarat, the Council of the Institution decided to institute an Annual Lecture in his memory. The first lecture was delivered at the 56th Annual Convention held in 1976.

Shri Bhailal Bhai Patel was born at Sersa, Gujarat, in 1880. He saw the famine of 1900 and his heart was filled with grief at the sight of abject poverty, widespread hunger and stark ignorance of people of the ways to mitigate the crisis. His intense desire to remove poverty and ignorance of people arose out of the sad memories of the famine and was the source of inspiration to him in the creation of Vallabh Vidyanagar.

Shri Bhailal Bhai Patel went to Poona in 1908 for engineering studies and took the LCE diploma in 1911. After working for a short period in the then Baroda State, he joined the Public Works Department of the Bombay Presidency. After working for about 12 years in Maharashtra, he was appointed Engineer in the Canal Section of the Sukkur Barrage Plan. An efficient and adventurous young man, he had several opportunities to show his originality of ideas and prowess. He became Executive Engineer of the project in 1936. The successful completion of the Sukkur Barrage Canal brought him an invitation from the Government of Afghanistan to work as Engineering Adviser. However, Sardar Vallabh Patel insisted his shouldering the responsibility as Chief Engineer of Ahmedabad Municipality and he accepted the post.

During 1942, he resigned from the job of the Ahmedabad Municipality and came to Anand to put into action his plans for education and village uplift and to dedicated the rest of his life to these goals. He became President of Charter Education Society, Anand — an ideal educational institution established by late Motibhai Amin. The Charter Vidyamandal and Charter Cramoddher Sehakeri Mandal Ltd were established in 1945. After many years of hard work, he could established Sardar Vallabh Bhai Vidyapeeth in 1955. As the first Vice-Chancellor of the University, Bhaikaka managed its affairs with least possible expenditure and laid a strong foundation of the Vidyapeeth. Bhaikaka breathed his last in 1970. A man of vision and devoted service, Bhaikaka organized many educational institutions and administered them ably and honestly.

DR AMITABHA BHATTACHARYYA MEMORIAL LECTURE

Prof (Dr) Amitabha Bhattacharyya, President of The Institution of Engineers (India) during 1976-78, occupied the centre stage in the affairs of the Institution over two decades. A many-splendoured personality, Prof (Dr) Bhattacharyya's untimely death in June 1992 created a void which would take years to fill in. In grateful appreciation of the monumental work done towards furtherance of the cause of the Institution, the National Council, at their 563th meeting held at Hyderabad in July 1992, resolved to institute this Lecture to perpetuate his hallowed memory.

Prof (Dr) Amitabha Bhattacharyya, born on November 12, 1931, was a distinguished mechanical engineer and an eminent educationist and an acknowledged authority in the fields of production engineering, metal cutting and machine tools and had been honoured nationally and internationally for his outstanding contributions to the cause of engineering and humanitarian services.



He was a staunch advocate for the development of indigenous technology for the welfare of the common people. A persuasive teacher and eloquent speaker, he had travelled widely on many professional and academic assignments. An active and constructive social worker, he identified himself with the aims and aspirations of numerous social and cultural organizations and served them with great distinction.

As an ardent advocate for advancement of engineering, Prof (Dr) Bhattacharyya served its cause through various organs and activities of The Institution of Engineers (India) for three decades. During his Presidentship, the Institution's activities received an impetus and diversified its field of interest in many areas including rural development.

PROF C S JHA MEMORIAL LECTURE

Born on the July 1, 1934 and educated at Patna university (B.Sc. Honours in Physics), Indian Institute of Science, Bangalore (D.Sc in Electrical Technology), Heriot-Watt College, Edinburgh, UK (FH-WC) and Bristol University, UK (Ph.D. in Electrical Engineering), Dr Jha started his professional career as a Design and Development Engineer at the English Electric Company, Broadford (UK) and after a two year spell (1955-57) shifted to academic life as a Lecturer in Electrical Engineering at the University of Bristol (1958-61). He returned to India in 1961 to accept a Readership at the University of Roorkee and a year later joined the Indian Institute of Technology, Delhi where he rose from an Assistant Professorship in 1962 to an Associate Professorship in 1963, a Professorship in 1964 and a Senior Professorship in 1969. He remained on the professorial staff of IIT Delhi till his retirement in June 1994. During his long academic career, he occupied several senior academic and administrative positions becoming Head of Department (1964-67) and Dean of Engineering, IIT Delhi (1966-69), Director of IIT Kharagpur (1974-78), Education Adviser (Technical) to the Government of India (1979-84) and the Vice Chancellor of the Banaras Hindu University (1991-93). On retirement from IIT Delhi in 1994, Prof Jha was appointed Chairman of the Recruitment and Assessment Centre of the Defence Research and Development Organization on a three year contract (1994-97) and later became Honorary Chairman of the Governing Council of the DOEACC Society under Ministry of Information Technology (1997-2001).

Late Prof Jha had several short and long term international assignments, He held Visiting Professorship at the Imperial College, London (1968-69), at the Technische Hochschule, Aachen (Germany) (1969) and at the Pennsylvania State University, USA (1985-87). He gave short term consultancy to UNESCO in 1986 and again in 1988 in the preparation of the Draft Convention on Vocational and Technical Education and for advising Lagos and Ondo State Universities in Nigeria on the organization of their Engineering Faculty (1986). He had also been consultant to AIT, Bangkok, EdCIL, Asian Development Bank, African Development bank, World Bank and Swiss Development Co-operation on different issues of Science and Technology Planning, institutional development and curricular reforms.

Late Prof Jha had been a member of several National and International Policy making committees and had contributed significantly to the planning and management of science and Technology Education. Some of the important membership assignments were National Committee on Science and Technology (NCST) (1975-76). Review Committee on TTIs (1975-76), High Power Committee to review Post Graduate education in Engineering (1978), Science and Engineering Research Council of DST (1980-84), Chairman AICTE Board of Post graduate Education (1990-93), High Power Swaminadhan Committee to consider resource mobilization in Technical Education (1993), High power Punnaiya Committee for financing Central Universities (1992-93), UNESCO Working Group on Continuing Education of Engineers (1973-88). Boarding Trustees AIT, Bangkok (1974-86) and International review Team for Colombo Planning Staff College for Technician Education (1983-84).

Late Prof had been a dedicated teacher and researcher and had introduced several innovations in his classroom and laboratory instruction. He has worked consistently to help his students develop creativity and problem solving skills, acquire communication ability and an awareness of quality, safety and reliability standards in their discipline, and retained an attitude for lifelong learning. He had more than 50 research publications in National and International Journals of repute on Electrical Machine Theory and Design and on Power Electronics applications and about 60 papers in National / International Conference on various aspects of Science and Engineering Education.

Late Prof. Jha had been very actively involved in the policy formulations of the Institution of Engineers, India. Since his election as a Fellow in the mid seventies, he had been a member of the Council and of CATE for most of the time except during his absences abroad. He was instrumental in initiating the Annual Engineering Congress and Annual Divisional Conventions concept, thorough revision of the AMIE syllabi in the eighties, initiating the establishment of ESCI, launching and running the mouthpiece journal



Technorama for five years, formulation and presentation of Pay revision of engineers to the Fifth Pay Commission, preparation of a Perspective Plan for the Institution, conceptualizing the work of R&D Forum, preparation of the constitution of ESCI, drafting the Engineer's Bill and the documents for membership of EMF. He had been Chairman of the Delhi State Centre and of various Boards and committees of the Council from time to time including Electrical engineering Division Board and CATE. He had contributed numerous policy papers for the consideration of CATE / Council from time to time.

DR K L RAO MEMORIAL LECTURE

[Approved during 133rd Meeting of CATE and subsequently 691st Meeting of Council, Haridwar, September 2016]

Dr Kanuru Lakshmana Rao was born on July 15, 1902. After passing his Intermediate Examination in Science from the University of Madras, he took the B E Degree in Civil Engineering with Honours from the College of Engineering, Guindy in 1925.



His first appointment was as Assistant Engineer in the Visakhapatnam District Board in 1926. He subsequently worked in the College of Engineering, Rangoon and Guindy, and later in the Cauvery – Mettur project. During this period he also qualified for the M Sc (Eng) Degree of the University of Madras by research, being the first recipient of a research degree in engineering from that University. In 1939, he proceeded to England to specialize in reinforced concrete and obtained his Ph D Degree from the University of Birmingham.

Between 1943 and 1945, he was employed as a Senior Lecturer in Loughborough Engineering College, England. On his return to India in 1946, he was appointed by the Madras Government as Design Engineer in the Ramapadasagar Project and in 1951 joined the Central Water and Power Commission at New Delhi as Director (Dams). In 1954, he became Chief Engineer (Planning and Designs), and then became a Member (Designs and Research) in the same Commission.

During these later years, Dr Rao was closely associated with major dam projects in this country, notably Lower Bhavani, Tungabhadra, Hirakud, Malampuzha, Kosi and Umtru and with flood control on the Brahmaputra River at Dibrugarh. His personal contributions to these projects are acknowledged as outstanding.

Dr Rao is the author of a well known standard work 'Calculation, Designs and Testing of Reinforced Concrete' published by Sir Isaac Pitman and Sons. His contributions to technical journals are numerous. Dr Rao joined the Institution as a member in 1947 and became its President for two sessions (1958-1960). He was also a Minister of Government of India.

**REGISTRATION FORM FOR INDIAN ENGINEERING CONGRESS**

 Indian Engineering Congress	
Venue....., Date		
Registration Form		
(Please fill in Block Capital Letters)		
Name : Mr./Ms./Prof./Dr. _____		
Surname	First Name	Second Name
Membership Grade	_____	Number _____
*Corporate/Non Corporate Member / Spouse / Sponsored Delegate / International Delegate		
Accompanying persons : Spouse Yes <input type="checkbox"/> No <input type="checkbox"/> No. of Guests <input type="checkbox"/> Meal Preference : Veg <input type="checkbox"/> Non-veg <input type="checkbox"/>		
Address : _____		
_____		PIN Code _____
Phone _____	Fax _____	E-mail _____
Arrival Details	_____	_____
Date	Flight/Train	Arriving From
Departure Details	_____	_____
Date	Flight/Train	Departure From
Registration Fees	Before	After

Corporate Members	₹	₹ = ₹ _____
Non Corporate Members	₹	₹ = ₹ _____
Sponsored Delegates	₹	₹ = ₹ _____
Spouses of Participants	₹	₹ = ₹ _____
ST/T* Members / Students**	₹	₹ = ₹ _____
International Delegates	\$	\$ = \$ _____
*Senior Technicians' / Technicians', attested copy of Identity card to be produced.		
** Bonafide student / study certificate issued by Head of the Department / Principal of the College must be attached with the Registration Form		
Bank Draft No. _____	Dated _____	Bank _____
Are you in the list of free delegates for organisation sponsoring the Congress Yes No		
Name of the Sponsors _____		
Accommodation Required : Yes <input type="checkbox"/> from _____ to _____ No <input type="checkbox"/> Rooms : Single <input type="checkbox"/> Double <input type="checkbox"/>		
Note: Accommodation in Hotels/Transport requirement may be provided only on availability and if remittance is received by		
Contact Address at		
Date: _____	Signature of the Delegate/Member _____	
Note : All remittances should be by Demand Draft in favour of "The Institution of Engineers (India),Indian Engineering Congress" payable at *Delete whichever is not applicable.		
Please mail it together with remittance to "The Organising Secretary, The Institution of Engineers (India)", Indian Engineering Congress, E-mail:....., Website:....., Phone :		



APPENDIX VIII

SEATING PLANS FOR INDIAN ENGINEERING CONGRESS, NATIONAL CONVENTION AND ALL INDIA SEMINAR, IEI CONVOCATION AND TECHNICIANS' / STUDENTS' CONVENTION

1. INDIAN ENGINEERING CONGRESS

A. Inaugural Session of the Congress ★

1	2	3	4	5	6	7	8	9
Secretary & Director General, IEI	Chairman, Host Centre	Guest of Honour	President Elect, IEI	Chief Guest of the Session	President in Chair, IEI	Special Guest	Chairman, Organizing Committee	Honorary Secretary, Host Centre

★ The above arrangement is subject to change depending upon the protocol of dignitaries

B. Inauguration of Congress Seminar

1	2	3	4	5	6	7
Convenor, Technical Committee	Chairman, Technical Committee	President, IEI	Chief Guest	Chairman, Organizing Committee	Secretary & Director General, IEI	Organizing Secretary

C. Memorial Lecture

1	2	3
President/ Chairman of the Session	Memorial Lecture Speaker	Secretary & Director General, IEI

D. Glimpses of Engineering Personality

1	2	3	4	5	6
Personality	Personality	President	Personality	Personality	Secretary & Director General, IEI

**E. Concluding Session of the Congress Seminar**

1	2	3	4	5	6	7
Rapporteur	Rapporteur	Rapporteur	Chairman, Technical Committee	Rapporteur	Rapporteur	Convenor, Technical Committee

F. Valedictory Session of the Congress

1	2	3	4	5	6	7	8
Organizing Secretary	Past President, IEI	Immediate Past President, IEI	Chairman, Organizing Committee	President, IEI	Chairman, Host Centre	Past President, Host Centre	Honorary Secretary, Host Centre

2. NATIONAL CONVENTION AND ALL INDIA SEMINAR**A. Inaugural Session**

1	2	3	4	5	6	7
Organizing Secretary	Chairman, Host Centre	Chairman, Division Board	Chief Guest	President, IEI	Convenor, Technical Committee	Honorary Secretary, Host Centre

B. Valedictory Session

1	2	3	4	5	6	7
Organizing Secretary	Chairman, Host Centre	Chairman, Technical Committee	Chief Guest	Chairman, Division Board	Convenor, Technical Committee	Honorary Secretary, Host Centre

3. IEI CONVOCATION AND TECHNICIANS' / STUDENTS' CONVENTION**Convocation and Inaugural of Convention**

1	2	3	4	5	6	7	8	9	10
Organizing Secretary	Chairman, Organizing Committee	Chairman, AITC	Chief Guest	President, IEI	Speaker	Chairman, AISC	Chairman, Host Centre	Chairman, Organizing Committee	Secretary & Director General, IEI



APPENDIX IX

FORMAT OF INVITATION CARDS FOR INDIAN ENGINEERING CONGRESS / NATIONAL CONVENTION OF ENGINEERING DIVISIONS / IEI CONVOCATION AND TECHNICIANS' / STUDENTS' CONVENTION

A. Inaugural Session of the Indian Engineering Congress / IEI Convocation and Technicians' / Students' Convention

The President and the Members of the Council of The Institution of Engineers (India) request the pleasure of your company at the Inaugural Session of Indian Engineering Congress/IEI Convocation and Technicians' / Students' Convention at (venue) at am / pm on (date). has kindly consented to be the Chief Guest and to deliver the Inaugural Address of the Congress Convocation Address.

RSVP
.....

B. Inauguration of Indian Engineering Congress Seminar

The President and the Members of the Council of The Institution of Engineers (India) request the pleasure of your company at the Inauguration of the Seminar on "....." being held during the Indian Engineering Congress at (venue) at am / pm on (date). has kindly consented to be the Chief Guest and to Inaugurate the Congress Seminar.

RSVP
.....

C. Inaugural Session of National Convention and All India Seminar

The Chairman and the Members of Engineering Division Board and the Chairman and the Members of the Committee of the Centre of The Institution of Engineers (India) request the pleasure of your company at the Inaugural Session of the National Convention of Engineers at (venue) at am / pm on (date). has kindly consented to be the Chief Guest and to inaugurate the National Convention of Engineers.

RSVP
.....

**LIST OF MEMORIAL LECTURES AT THE NATIONAL CONVENTIONS**

AG	Rathindranath Tagore Memorial Lecture	
AR	T S Narayana Rao Memorial Lecture	
AS	Dr Vikram Sarabhai Memorial Lecture	
CH	Acharya Prafulla Chandra Ray Memorial Lecture	
CP	M S Ramanujan Memorial Lecture	
CV	Prof Jai Krishna Memorial Lecture	
EL	M S Thacker Memorial Lecture	
EN	N V Modak Memorial Lecture Dr G D Agrawal Memorial Lecture*	} Simultaneously
ET	Prof S K Mitra Memorial Lecture	
MC	Dr S C Bhattacharyya Memorial Lecture Dr S P Luthra Memorial Lecture	} ★ Simultaneously
MM	V Subramony Memorial Lecture	
MN	Prof S K Bose Memorial Lecture	
MR	Rear Admiral T B Bose Memorial Lecture	
PR	F W Taylor Memorial Lecture G C Sen Memorial Lecture	} Simultaneously
TX	S N Bhaduri Memorial Lecture Dr B K Chakrabarti Memorial Lecture	} Alternate year

★ *against the J P Jain Endowment Fund*✱ *Approved during 145th Meeting of CATE and subsequently 715th Meeting of Council, Kandaghat, 18 June 2022***RATHINDRANATH TAGORE MEMORIAL LECTURE**

Rathindranath is the son of poet Rabindranath Tagore. He was born in Calcutta on the November 27, 1888. He was one of the first batches of five students at Santiniketan in 1901. Educated at Santiniketan and also privately under the guidance of his illustrious father, he was initiated to the rural development work at Sriniketan. He went to the USA for higher studies and training in agriculture as his father thought it would help him to work in rural India better. Rathindranath graduated in Agriculture from University of Illinois, USA in 1910 and specialized in rural craft besides agriculture. He travelled extensively in England and the USA in 1912 to gather experiences in agricultural extension work. He played a leading role in establishing agricultural and rural extension centre at Sriniketan. In 1921, Rathindranath became the General Secretary of Visva Bharati Society. He became the first Vice-Chancellor of Visva Bharati in 1951 when it was incorporated as a Central University. He retired in 1953 for reasons of health.

He is considered as the first and foremost Agricultural Engineer of the country. He was also a well known artist, craftsman, and author of several books. He breathed his last on the June 3, 1961.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Agricultural Engineers.

T S NARAYANA RAO MEMORIAL LECTURE

T S Narayana Rao was born on the February 7, 1907 in a pastoral family at Arkera, near Mysore City. He graduated in Civil Engineering in 1931 from the Government Engineering College of the erstwhile Mysore State. As an apprentice engineer, he worked in Madras with M/s Gannon Dunkerley and Company and subsequently shifted to Bangalore to work under the personal guidance of the late Lakshmi Narasappa, a reputed Government Architect. He participated in the construction of the Town Hall, Municipal Offices and other highly acclaimed structures in Bangalore.

Backed by a few years of intensive experience in architecture and having an educational commitment to engineering, he felt that it was appropriate to fuse the complementary disciplines of architecture and engineering through private practice. He started practicing as a Consulting Architect and Engineer in 1933 and took the risk inherent in starting a new venture totally foreign at that time to the private sector.

Narayana Rao had the rare privilege of constructing buildings of which Shri Krishna Weaving Mills, Mysore Vegetable Oil Products, Rashtriya Vidyalaya and St Joseph's College Observatory deserve special mention. His



work reflected a genetic blend of the architect and engineer in him. His success as a builder and architect was in no small measure due to his capacity to execute masonry, carpentry and plumbing works himself.

He was associated with several Engineering Institutions, ISI (now BIS), etc. As a man, he was highly principled and self disciplined. His honesty and integrity sought expression in his exemplary conduct and behaviour. His services as a man and as a professional are even remembered today with respect.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Architectural Engineers.

DR VIKRAM SARABHAI MEMORIAL LECTURE

Dr Vikram Sarabhai was not only an imaginative and creative scientist but also a pioneering industrialist and astute planner. He made significant contributions in the field of cosmic ray physics and in the development of nuclear power and space programmes. He took up the nuclear programmes with a challenge and added fresh dimensions to the space research programmes in 1966 when he became the Chairman of the Atomic Energy Commission.

Dr Sarabhai was born on August 12, 1919 at Ahmedabad in a rich industrialist family. His early education was in a private school and Gujarat College at Ahmedabad. He then went to Cambridge, England and from St John's College obtained his Tripos in 1939. He came back to India and started research work in the field of cosmic rays with Sir C V Raman at the Indian Institute of Science, Bangalore. In 1945, he went back to Cambridge to carry out further research on cosmic rays and there in 1947 obtained Ph D Degree. It was as early as 1942, Dr Sarabhai conceived the idea of starting the Physical Research Laboratory in Ahmedabad. Soon after his return from Cambridge in 1947, Sarabhai started looking for a place for this project. He got a few rooms at the M G Science Institute to start the laboratory and the laboratory was formally opened in April 1954. Dr Sarabhai made the Physical Research Laboratory virtually the cradle of the Indian Space Programme.

Dr Sarabhai not only encouraged science but also devoted a good deal of time to industry. For over 15 years, he nurtured a pharmaceutical industry.

Dr Sarabhai helped to build the Ahmedabad Textile Industry's Research Association (ATIRA) in 1947. During 1949-56, he remained an Honorary Director of ATIRA. In 1962, he helped to found the Indian Institute of Management at Ahmedabad and during 1962-65, he remained an Honorary Director of this Institute.

Today the success of space programmes in our country is largely owing to the groundwork prepared by him in this regard. Due to his efforts only, India could launch its first satellite, Aryabhata just three and half years after his death.

Dr Sarabhai was a world-renowned figure in the field of space research. He was awarded Bhatnagar Memorial Award for Physics in 1962; Padma Bhushan in 1966 and posthumously Padma Vibhushan. He was elected the Vice-President and Chairman of the U N Conference on peaceful uses of outer space in 1968. He also presided over the Fourteenth General Conference of the International Atomic Energy Agency. Dr Sarabhai died on December 30, 1971 at the age of 52 when he was at the peak of his achievements.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Aerospace Engineers.

ACHARYA PRAFULLA CHANDRA RAY MEMORIAL LECTURE

Acharya Prafulla Chandra Ray was born on August 2, 1861 in a village in the District of Jessore (now in Bangladesh). After studying for two years at Metropolitan College, Calcutta, he received a scholarship from the University of Edinburgh where he obtained a B Sc degree in 1885 and two years later, a D Sc degree for his research in inorganic chemistry. In 1889, he got a special appointment as a Lecturer at Presidency College, Calcutta and became Professor of Chemistry soon.

Sir Andrew Pedlar, the then Principal of Presidency College and himself a Chemist encouraged Ray to pursue research and with Pedlar's help, Ray raised funds to equip a reasonably good chemistry research laboratory and began a search for some of the missing elements in the periodic table. He managed to precipitate mercurous nitrite, a compound that had been regarded as unstable in crystalline form. For several years thereafter, he and his students carried out a systematic exploration of the properties of mercury salts and a range of nitrite compounds. His findings of an enquiry into the adulteration of oil and ghee were published in 1894 in the Journal of Asiatic Society and the publication was highly acclaimed.

He remained with Presidency College until 1916 when Sir Asutosh Mukherjee summoned him to the University College of Science, Calcutta. There, he continued his teaching and research for next two decades long after he became eligible to retire. His students included Dr Meghanad Saha, Dr P C Mahalanobis and Prof S N Bose.

Ray's first volume of History of Hindu Chemistry was published in 1902 and the second, in 1908. He was known as the Father of Indian Chemistry. He was knighted in 1919.

Ray was instrumental in laying foundation of chemical and allied industries in India. He motivated to start the Bengal Chemical and Pharmaceutical Works Ltd in 1901. The Bengal Pottery Works, the Calcutta Soap Works,



the Bengal Enamel Works and the Bengal Canning and Condiment Works are his creations. These industries, during the next few decades, provided hundreds of technical managers to the industrial establishments all over India. The Jadavpur Technical Institute established in 1921 (developed now into Jadavpur University) had Acharya Ray as its founder President. He formed the Indian Chemical Manufacturers' Association (ICMA) in 1938.

Intellectual regeneration, industrial development, economic freedom, social reforms and political advancement of the country — all made equally strong appeal to him, as did his teaching and research. Having abandoned western dress and manners on his return to India in 1889, he actively promoted the ideals of traditional Indian culture. He played a significant role in independence movement and motivated his colleagues and students for greater participation in it. He donated all his earnings to students, workers, laboratories and scientific organizations. He expired in Calcutta on June 16, 1944 at the age of 83.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Chemical Engineers.

M S RAMANUJAN MEMORIAL LECTURE

Born in 1887, Srinivasa Ramanujan was brought up in an orthodox traditional south Indian environment. He was an enigma to his teachers even at school because of his prodigious memory and unusual mathematical talent, which began to show, even before he was ten. That was the age when he topped the whole district at the primary examination and this procured him a half-fee concession at Town High School, Kumbakonam. He passed the Matriculation examination of the University of Madras in December 1903, secured a first class, and earned for himself the Subramaniam Scholarship in the FA (First Examination in Arts) class at Government College, Kumbakonam.

His research marched on undeterred by environmental factors—physical, personal, economic or social; magic squares, continued fractions, hypergeometric series, properties of numbers—prime as well as composite, partition of numbers, elliptic integrals and several other such regions of mathematics engaged his thought. He recorded his results in his notebooks. Exact facsimiles of these notebooks have now, since 1957, been published in two volumes by the cooperative efforts of the University of Madras, the Tata Institute of Fundamental Research and Sir Dorabji Tata Trust.

Though Ramanujan accepted a clerk's appointment in the office of the Madras Port Trust, his mathematical work did not slacken. His first contribution to the Journal of the Indian Mathematical Society appeared in 1911. Ramanujan was brought to the University of Madras as a Research Scholar on May 1, 1913 at the age of 26.

Ramanujan thus became a professional mathematician and remained as such for the rest of his short life. He began a correspondence with Prof G H Hardy, the then Fellow of Trinity College, Cambridge and his first historic letter to Prof Hardy in January 1913 contained an attachment of 120 theism all originally discovered by him. Thereafter, he was invited to England in March 1914.

Ramanujan spent four very fruitful years at Cambridge, fruitful certainly to him, but more so to the world of mathematics, published twenty-seven papers, seven of them jointly with Prof Hardy. In 1918, he was elected Fellow of the Royal Society and in the same year was elected Fellow of Trinity College, both honours coming as the first to any Indian. The University of Madras rose to the occasion and made a permanent provision for Ramanujan by granting him an unconditional allowance of £ 250 a year for five years from April 01, 1919.

Unfortunately, Ramanujan had to spend the fifth year of his stay in England in nursing homes and sanatoria. He returned to India in April 1919 and continued to suffer from his incurable illness. All the time his mind was totally absorbed in mathematics. Thus, arose the so called Lost Notebook of Ramanujan, which contains 100 pages of writing and has in it a treasure house of about 600 fascinating results. Ramanujan's discoveries and flights of intuition were contained in the four notebooks and also his thirty-two published papers as well as in the three Quarterly Reports, which he had submitted to the University of Madras in 1913-14. These had thrilled mathematicians the world over. More than two hundred research papers had been published as a result of his discoveries. Later Ramanujan died at the unexpected age of 32.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Computer Engineers.

PROF JAI KRISHNA MEMORIAL LECTURE

[Approved during 133rd Meeting of CATE and subsequently 691st Meeting of Council, Haridwar, September 2016]

Prof Jai Krishna, born in 1912, had a brilliant academic career including a Bachelor's Degree in Science from Agra University, Civil Engineering from Thomason College, Roorkee and a Doctor's degree from the University of London. He studied Earthquake Engineering at the California Institute of Technology, USA. Prof Krishna also served as Professor Emeritus in Earthquake Engineering Department, University of Roorkee. He was a pioneer in the field of Earthquake Engineering and established a school for training and research in this field at the University of Roorkee. He provided technical assistance in the country's major engineering projects in earthquake resistant design of structures and equipments. He was the President of International Association



for Earthquake Engineering for four years; Founder President, National Academy of Engineering and President of The Institution of Engineers (India). He was conferred Honor's Causa Doctorate by three Universities including University of Roorkee. He was the consultant to major river valley projects, particularly Koyna, Tehri and Narmada Dams. He was the author of a very popular book on "Reinforced Concrete" and a book on "Earthquake Engineering". Prof Krishna's work focused on the development of methods of strengthening engineering structures against earthquake forces. Some of his contributions include, (i) evolution of simple methods of strengthening buildings, bridges, water towers, dams etc. (ii) design, fabrication and installation of seismic instruments and (iii) evolution of concepts of ISO-Acceleration studies relating to seismic energy distribution. Methods evolved for common brick and stone buildings to resist earthquakes have been widely adopted in India and abroad. Prof Krishna's leadership had been availed by the Indian Standards Organization in preparing codes of practices relating to earthquake resistant construction and by the International Association of Earthquake Engineering in the preparation of the guidelines for Seismic zoning of the countries and determining Fundamental Design Parameters. For his services to Earthquake Engineering studies, he was awarded recognition at the International Conference at Tokyo in the year 1988. He presided over the world body during 1977-80 and assisted UNESCO in developing seismological studies in different areas. He was elected a 'Legend' in Earthquake Engineering at the World Conference on Earthquake Engineering held in China in the year 2008. President of India honoured him with Padma Bhushan in 1972 and he received Bhatnagar Award, National Design Award, Khosla Award, Moudgill Award, Thomason Prize, Cautley Gold Medal, Calcott-Reilly Memorial Gold Medal for his scholarship and research attainments. Prof Krishna's contributions to Engineering span over six decades. In recognition of his life time contributions to engineering, the National Academy of Engineering conferred on him its Life Time Achievement Award on the 10th Anniversary of Establishment of the Academy. A fatherly figure to the engineering community, Prof Jai Krishna lived a full and illustrious life from 1912 to 1999. In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Civil Engineers.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Civil Engineers.

M S THACKER MEMORIAL LECTURE

Prof M S Thacker who was Director of the Indian Institute of Science, Bangalore, was appointed Director General of the Council of Scientific and Industrial Research, Government of India, in succession to the late Sir S S Bhatnagar.

Prof Thacker was the Chairman of the Electrical Section of the Institution, and the Section had vastly expanded under his vivid leadership.

Prof Thacker was the Chairman of the Mysore Centre and later the President of the Institution for 1955-56. He represented the Institution, at the Third Conference of Engineering Institutions of the Commonwealth in London in June 1954, and the Indian National Committee at the Sectional Meeting of the World Power Conference in Rio de Janeiro, Brazil, in July-August 1954. He was also the Chairman of the Papers Committee for the selection of articles from India for the Fifth World Power Conference held in Vienna, Austria in July 1956. He expired on July 6, 1979.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Electrical Engineers.

N V MODAK MEMORIAL LECTURE

N V Modak received his early education in the Government High School and Ferguson College, and then joined the College of Engineering, Poona and received his BE (Civil) from the University of Bombay in 1911. He then served the Bombay Government until 1918, and then proceeded to England on a State Technical Scholarship for special work in municipal and sanitary engineering.

On his return to India, he was appointed as an Executive Engineer in the Indian Service of Railway Engineers and posted to G I P Railway as Sanitary Engineer. Subsequently his services were requisitioned by the BB and CI Railway as a Consulting Engineer to prepare a Sewerage scheme for Dohad Station. From 1930, he was with the Bombay Municipality, first as Deputy City Engineer and then Hydraulic Engineer and in 1934, he was promoted to the responsible position of City Engineer to the Bombay Municipal Corporation.

His activities in the promotion of engineering profession have been very wide and extensive. He had been the Chairman of the Bombay Centre of the Institution of Engineers (India), and the President of the Bombay Engineering Congress. He was a Fellow of the University of Bombay, a member of its Syndicate and Dean of the Faculty of Engineering. He was also a member of the Advisory Committee of the Poona Engineering College and of the Governing Board of the Victoria Jubilee Technical Institute, Bombay, a member of the Institution of Civil Engineers and the Institution of Municipal and Country Engineers, London and a Fellow of the Royal Sanitary Institute of London.



He was elected as President of The Institution of Engineers (India) by the Council for the year 1940-41 and was re-elected for a second term for the year 1941-42. He was the first member to receive such an honour.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Environmental Engineers.

DR G D AGRAWAL MEMORIAL LECTURE

[Approved during 145th Meeting of CATE and subsequently 715th Meeting of Council, Kandaghat, 18 June 2022]

Prof (Dr) GD Agrawal, aka Swami Gyan Swaroop Sanand, was the doyen of environmental engineering professionals in India. Prof Agrawal was Member Secretary of the Government of India's Central Pollution Control Board (CPCB), former Head of the Department of Civil and Environmental Engineering at IIT Kanpur and a PhD from the University of California, Berkeley. Well past retirement, he continued to teach and inspire students as Honorary Professor of Environmental Sciences at the Mahatma Gandhi Chittrakoot Vishwavidhyalaya Chittrakoot (M.P.).

Prof. Agrawal was a much sought-after consultant in Environmental Impact Assessment which was one of his roles in the Envirotech Instruments (P) Limited, New Delhi, founded by him. He was an Engineer's Engineer, the person senior professionals turned to for solutions to difficult technical problems. At CPCB, he was instrumental in shaping India's pollution control regulatory regime. He also worked as a Consultant to the Government of Bangladesh for environmental protection.

Prof Agrawal was a legendary and inspiring teacher whose students remember him with awe, admiration and affection. In 2002, his former students at IIT-Kanpur conferred on him the "Best Teacher Award". He had guided scores of Masters and Doctoral students who are now leaders in the field of Environmental Engineering. In his own way, Prof Agrawal guided the activities of many organisations including the Tarun Bharat Sangh, Indian Council for Enviro-Legal Action, People's Science Institute, Centre for Science and Environment, Eco-Ashram, Brajbasi Ashram, Auroville Puducherry and Purnpramati Bengaluru.

Yet this eminent professional swept his floor, washed his clothes and cooked his own meals. He did not marry and retained only a few possessions and dresses in homespun khadi. In his late seventies his main mode of transport within Chittrakoot was a bicycle and when he travelled further afield, he went by ordinary bus and second class in railway train. These were the deliberate choices of a devout Hindu whose deepest values were for simplicity in living, excellence in engineering and reverence for Nature.

He had been deeply committed to supporting rural development initiatives grounded in scientific methodology. Born in a leading family in Kandhla (Muzaffarnagar, U.P) on 20th July 1932, he did schooling locally and graduated in Civil Engineering from the University of Roorkee (now IIT-Roorkee). He started his career as a Design Engineer in the Irrigation Department, Uttar Pradesh before joining the faculty of IIT Kanpur.

Late Prof. Agrawal became a Sanyasi in 2010 and was thereafter known as Swami Gyan Swarup Sanand. He was truly an Engineer at work and a Rishi at heart. His passionate devotion to the River Ganga came from his strong Hindu faith; his conviction that an unprecedented ecological and cultural catastrophe was in the offing came from his powerfully logical mind. As a citizen and a patriot, he had made it his life's mission to recall India to her glorious traditional reverence for Nature. His sense of duty allowed him to do no less than going on fast four times to persuade the Government to enact a law to protect River Ganga and to stop all interference with natural course of her flow, especially in the upland reaches where dams, barrages and river bed mining wreaked havoc. In this noble pursuit, he laid down his life on 11th October 2018 at Rishikesh while he was on fast for more than 100 days.

In memory of his selfless and dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name to be held during the National Convention of Environmental Engineering Division, starting from the year 2022.

PROF S K MITRA MEMORIAL LECTURE

A renowned scientist, an excellent lecturer and a reputed author, Prof Sisir Kumar Mitra is a pioneer in the field of radio-physics and ionosphere research in the country.

Born in Calcutta on October 24, 1890, Sisir Kumar Mitra had his initial insights into the field of scientific research and development during his stint in Presidency College, Calcutta where he came in close contact with Sir J C Bose and Acharya P C Roy. Sir J C Bose's equipment for the generation and detection of Herizian waves had left in him an indelible interest in radio physics — a faculty he cultivated later in life.

In 1916, the University College of Science was founded and Mitra joined the Department of Physics. He began researches on the diffraction and interference of light and in 1919 obtained the D.Sc. Degree from the University of Calcutta.

In 1920, he joined the University of Sorbonne where he worked for the determination of wavelength standards of the copper spectrum and received the Doctorate Degree in 1923. Later, he joined the Institute of Radium to work under Madame Curie and subsequently joined the University of Nancy. On his return to India, he was appointed Khaira Professor of Physics in the University College of Science, Calcutta.



While developing teaching and research facilities in the University, he also took active interest in the development of broadcasting in India. His proposal for the establishment of a Radio Research Board was accepted by the newly formed Council of Scientific and Industrial Research, and he was appointed as its first Chairman and continued in this position until 1948.

Prof Mitra's greatest contribution to scientific knowledge was in the field of ionosphere. His ideas and guidance was at the root of most of the contributions made by the Ionosphere Laboratory of Calcutta. His findings on upper atmosphere ionization and night sky luminescence was presented in a treatise 'Active Nitrogen – a New Theory' in 1945.

After his retirement from University service in November 1955, he was appointed Professor Emeritus of the University of Calcutta. Subsequently he assumed the Administratorship of the Board of Secondary Education of the State of West Bengal and was instrumental in the introduction of Higher Secondary Syllabus in the State.

In 1958, he was elected as a Fellow of the Royal Society, London for his contribution to the study of upper atmospheric phenomena. He was the recipient of the King George V Silver Jubilee Medal in 1935, Joy Kissen Mukherjee Gold Medal of the Indian Association for the Cultivation of Science in 1943, Science Congress (Calcutta) Medal of the Asiatic Society in 1956 and Sir Devaprasad Sarabadhikary Gold Medal of Calcutta University in 1961.

He held many responsible positions including: President, Asiatic Society of Bengal (1951-52); General President, Indian Science Congress (1955) and President, National Institute of Sciences of India (1956-58). He was a member of the Indian National Committee for the International Geophysical Year and was in the Editorial Board of a number of Indian and foreign scientific journals.

Prof Mitra received *Padmabhushan* in 1962 and in the same year was appointed National Research Professor in Physics by the Government of India.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Electronics and Telecommunication Engineers.

DR S C BHATTACHARYYA MEMORIAL LECTURE

Dr S C Bhattacharyya, born on August 20, 1894, passed M Sc in Mathematics from University of Calcutta in 1919 and obtained the degree in both mechanical and electrical engineering in 1921 from the Bengal Technical Institute. Almost simultaneously, he passed the final examination in mechanical engineering from the City and Guilds, London. Subsequently, he went to Germany and obtained the degree in mechanical engineering from Berlin Technical University in 1926, and Dr Ing from the same University in 1928. He stood first in his degree examination in mechanical engineering at National Council of Education, Bengal, as well as at the Berlin Technical University.

India was then reverberating with the spirit of nationalism and Dr Bhattacharyya, after his return from Germany, had no hesitation in responding to the call of the nation and joining the National Council of Education, Bengal as a teacher in mechanical engineering ignoring tempting offers from other reputed engineering colleges. His entire career was thereafter devoted and dedicated to the service of NCE, Bengal and Jadavpur University and in planning and implementing his ideas in the development of human resources in mechanical engineering till his retirement as Professor and Head of the Department of Mechanical Engineering in 1959. He acted as Vice-Chancellor of Jadavpur University for a short period. After his retirement, he was made Professor Emeritus of Jadavpur University.

Dr Bhattacharyya excelled in whatever subject he touched, be it thermodynamics or applied mechanics, theory of mechanics or strength of materials, machine design or machine tools.

He was not only a pioneer in introducing and advancing mechanical engineering education in the country but also a pioneer Indian author of such engineering textbooks as 'Engineering Thermodynamics', 'Machine Design', 'Machine Tools', etc. Besides being a teacher par excellence during his entire service career, he was associated with various indigenous industries as technical consultant. He left behind an academic legacy virtually beyond comprehension.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Mechanical Engineers.



DR S P LUTHRA MEMORIAL LECTURE

Dr S P Luthra, born on April 01, 1912, after a brilliant academic career in India was awarded a Government of India Overseas Scholarship for higher studies and research at the Imperial College of Science and Technology, London and obtained the Ph.D. Degree in Mechanical Engineering in 1949. Earlier, he had received the B.Sc. (Engineering) Degree of Punjab University in 1937 and worked at the North-West Railway Mechanical Workshop at Lahore; Punjab PWD, Hydro Electric Branch; Shaw Wallace and Co Ltd; Siemens India Ltd and VDJI Technical Institute, Lahore.

In 1949, Dr Luthra joined Delhi Polytechnic (now known as Delhi College of Engineering) as Head of the Mechanical Engineering Department. He was also Visiting Professor at the University of Wisconsin, USA, under the Technical Co-operation Mission. Later, he joined the Indian Institute of Technology, Delhi, as Professor and Head of the Department of Applied Mechanics and held the positions of Dean of Students, Dean of Examination, Dean of Faculty of Engineering, and Dean of Administration and finally became its Director. During his professional career, Dr Luthra was connected with various professional, educational and scientific organizations. He was member of the Board of Governors, IIT, Delhi; Chairman, Board of Governors, Gorge College for Women, New Delhi; Chairman, World Conference in Industrial Tribology, New Delhi; and President of the Indian Society for Industrial Tribology.

Dr Luthra was also a recipient of the President of India Award for Best Teacher in Technical Education in 1979 and the prestigious award by the Prime Minister of India for meritorious service rendered to the IIT, Delhi, on the occasion of its Silver Jubilee in 1986, and a silver medal by the President of India for meritorious services rendered to the Indian Institute of Science, Bangalore, on the occasion of its Diamond Jubilee in 1986.

Dr Luthra had long association with The Institution of Engineers (India) having joined it as Corporate Member in 1944. He had served on the Council for twelve years and was Chairman of the Delhi State Centre of the Institution. He expired on July 24, 1993.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Mechanical Engineers.

Endowment Fund for National Convention of Mechanical Engineers :

- ★ *Honorarium to the Speakers of Memorial Lecture : Rs.3,000/- each.*
- ★ *Printing of the text of Memorial Lecture : Rs.2,500/- each.*
- ★ *Memento to the Speaker of Memorial Lecture : Rs.1,500/- each.*

V SUBRAMONY MEMORIAL LECTURE

Hailing from a well-known family in Quilon, V Subramony had his early education in Quilon before joining Banaras Hindu University for the Graduate Course in Metallurgical Engineering. After graduation, he had his initial training in the USSR and had visited Steel Plants in Japan, West Germany and the USA.

He had a rich and varied career in steel. Joining the Bhilai Steel Plant in 1956, he rose steadily, occupying the posts of Superintendent (Blast Furnaces), Chief Superintendent (Iron Zone), Assistant General Superintendent (Technical Development) and Deputy General Superintendent (DGS). As DGS, he looked after the plant operations and was instrumental in bringing about a number of technological improvements that resulted in higher productivity. He was associated with the expansion of Bhilai Steel Plant to four million tons.

Shri Subramony joined SAIL Headquarter as General Manager (Operations) in June 1978, and subsequently he took over as Director (Technical) in January 1981. On April 30, 1982, he assumed charge as Managing Director, Rourkela Steel Plant. He was also Director, MECON; Nagarjuna Steel Ltd, Hyderabad and Director, Fertilizer Association of India, New Delhi. He was conferred the 'Distinguished Alumni Award' by Banaras Hindu University on the November 15, 1983.

Shri Subramony introduced several new management techniques, which ultimately resulted in the Rourkela Steel Plant turning the corner. He won the hearts of everyone by his sense of values, enthusiasm and fairness. A high performer, he was the pride of many. A rising star was cut short cruelly by a quirk of fate on January 23, 1986.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Metallurgical and Materials Engineers.

Endowment Fund for National Convention of Metallurgical Engineers

- ★ *Honorarium to the Speakers of Memorial Lecture : Rs.5,000/-*

PROF S K BOSE MEMORIAL LECTURE

Prof S K Bose was born on October 07, 1900 in Burdwan district of West Bengal. After passing his matriculation examination in 1917, he was admitted to Presidency College, Calcutta and secured first position in his B Sc (Geology Honours) Examination in 1921. He continued his study in M Sc (Geology) for one year only. Later, he switched over to mining, joined the Sanctoria Colliery, and took apprentice training.



In 1923, Prof Bose joined the Royal School of Mines, London, under Government of India Scholarship. He passed the ARSM (Mining) examination in 1927 and was placed first in first class. During his period of study abroad, he travelled Europe and visited some large mines in Belgium, Netherlands, Germany and France. He joined as first Professor of Mining at Indian School of Mines (ISM), Dhanbad in 1927. Later, he became Head of the bifurcated Department of Metal Mining and Surveying. He devoted his entire career at ISM, Dhanbad and retired from there in 1956.

After retirement from ISM, he served NCDC in the capacity of Officer on Special Duty (Training) for one year. During his service at ISM, he visited many minefields in India as well as abroad. It is remarkable that most of his visits were undertaken at his own expenses. He visited Ceylon in 1932, South Africa in 1934, and Japan, North Korea, Mongolia and China in 1936 to observe important mines in those countries. He often used to contribute some state-of-the-art short notes to the local weekly 'The New Sketch'.

Through his publication in this weekly, he stressed the need for establishing a Government College of Mining Engineering, similar in status and model to the Royal School of Mines in England and Japan. This eventually led to a resolution being passed by Indian National Congress.

In another publication in one of the special issues of the same weekly on 'Mining and Civilization', he emphasized the importance of the part played by mining and geological education in the industrial development of the world and improvement of the social conditions of mankind. He expired on January 15, 1968.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Mining Engineers.

REAR ADMIRAL T B BOSE MEMORIAL LECTURE

Rear Admiral T B Bose in 1938 started his career as Lieutenant in the Royal Indian Navy and was appointed an Officer on the dockyard staff. He took special interest in the apprentices assigned to the Dockyard of Engineer Cadets to pass out the IMMTS 'Dufferin'.

Admiral Bose was Principal Officer, Mercantile Marine Department at Calcutta in 1952. Right from the time the new DMET Course was inaugurated in 1949, he identified himself with the new system of training, gave it his full support and, until his retirement from service and even afterwards, became a guiding spirit.

In 1957, when he was Chief Surveyor to Government of India, he was appointed Chairman of a Committee to advise Government on the indigenization of ship-ancillaries. The assignment involved considerable touring, data collection and discussions with shipyards and industrial enterprises. The Report of the Committee led to the formation of a Marine Engineering Division of the then ISI (now BIS) and to the setting up of an indigenous development cell at the Hindustan Shipyard, Vishakhapatnam.

Admiral Bose was largely responsible for the development of Naval College of Engineering at Lonavala. Even though he had retired from the Navy, Naval Headquarters had a very high regard for his sagacity and expertise and valued his advice greatly. Even after his retirement from service, he took keen interest in the development of marine engineering and was a constant source of inspiration to all at the Ministry in New Delhi and at the new shipyard at Cochin.

As Vice-President of the Institute of Marine Engineers, London, he was a beacon light to the marine engineers of India. In spite of the high offices he held, he was easily accessible to young marine engineers who found his guidance invaluable. Admiral Bose, during his professional career, was closely involved in shipping, ports, shipbuilding, and ship repair and state policy pertaining to these sectors.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Marine Engineers.

F W TAYLOR MEMORIAL LECTURE

Inventor and engineer, Frederick Winslow Taylor was born on March 20, 1856 at Philadelphia, the USA.

Educated at preparatory schools at Pennsylvania and New Hampshire, Taylor entered apprenticeship in the trades of pattern maker and machinist in Philadelphia in 1875. In 1878, he was employed by the Midvale Steel Company in their machine shop. In 1881, he introduced his method of increasing the efficiency of production by close observation of individual workers, identifying and eliminating wasted time and redundant motion. He earned a degree in 1883 from the Stevens Institute of Technology, and in 1884, he was elevated to the position of Chief Engineer at Midvale. In 1890, he became the General Manager of the Manufacturing Investment Company. He subsequently became consultant in management in a number of organizations. Having dedicated about forty years in the improvement of production techniques and productivity, Taylor earned the distinction of being the father of modern scientific management. He expired on March 21, 1915.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Production Engineers.



G C SEN MEMORIAL LECTURE

Gopal Chandra Sen, graduated in mechanical engineering from College of Engineering and Technology, Jadavpur in 1933 and gathered first-hand experience for two years, first in a private firm and then in a distinguished workshop in Howrah. He joined the National Council of Education, Bengal as Instructor in 1935 and became Lecturer in 1940. In 1946, he went on a Government scholarship to the USA for higher studies in engineering. He got the degree of Master's of Science in Engineering from the University of Michigan. On return, he resumed teaching at Jadavpur University and became Professor of Mechanical Engineering in 1952. In June 1969, he was appointed Dean of the Faculty of Engineering and from August 1970 until his demise on the December 30, 1970, he was the Vice-Chancellor of Jadavpur University.

Prof Sen was the pioneer in India of the teaching of production engineering and was the author of a number of very useful books including textbook on the Principles of Machine Tools and Metal Cutting, which are adored in many universities abroad. Prof Sen belonged to that vanishing 'tribe' of teachers who would take up teaching as dedication rather than profession. He was a disciplinarian with a difference.

Apart from his academic brilliance, he was a poet and an artist – one who was an expert in drawing and an adept in drawing pen pictures.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Production Engineers.

S N BHADURI MEMORIAL LECTURE

S N Bhaduri obtained his M Sc Degree in Statistics from University of Calcutta and thereafter started working in the field of Statistical Quality Control (SQC) and its application in textile mills.

After gaining considerable experience in the above-mentioned field, he joined ATIRA, Ahmedabad and developed a well-organized team of SQC personnel. He undertook the dual responsibility of training textile mill personnel of western part of the country in SQC and process control techniques and their applications in the mills.

Adaptation and implementation of the aforesaid techniques not only improved the quality of textile products but also immensely increased the popularity and value of the same in overseas market. Though he was a pioneer in the field of application of SQC and allied techniques in textile mills, he also took keen interest in mechanical processing of textile fibres and development of the same, including textile machines.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Textile Engineers (to be delivered in alternate year).

DR B K CHAKRABARTI MEMORIAL LECTURE

Dr B K Chakrabarti, an outstanding scholar and researcher, obtained his M.Sc. Degree in Pure Physics from Calcutta University and made commendable research contributions in the fields of optics and spectrometry. He then took up teaching assignment for a short period, and later joined Indian Central Jute Committee (ICJC) (later named as JTRL and currently known as NIRJAFT) at Tollygunge, Calcutta as a scientist and devoted himself in research and made outstanding contributions in the fields of textile physics and statistical quality control. Thereafter, he obtained his Ph.D. Degree from the University of Calcutta. He also evaluated jute yarn diameter subsequently at ICJC and later joined Institute of Jute Technology (IJT) as Professor and Head, Department of Textile Science and developed a unique silver irregularity tester and introduced 2 :1 doubling in the gills in jute finisher drawing machines. He went to the UK on Ghosh Fellowship and was honoured with Fellowship of the Textile Institute, Manchester. Before leaving IJT, he became Principal for a short stint. After retiring from IJT, Dr Chakrabarti became Technical Advisor to a number of jute factories in and around West Bengal.

In memory of his dedicated service, The Institution of Engineers (India) instituted an Annual Memorial Lecture in his name during the National Convention of Textile Engineers (to be delivered in alternate year).



APPENDIX XI

MODALITIES FOR THE IEI YOUNG ENGINEERS AWARD

Matters are shifted previously, under Section 12.1.3(i)



APPENDIX XII

LIST OF TIME SLOTS FOR THE NATIONAL CONVENTIONS

Engineering Divisions	Scheduled Month
AGDB	: August
ARDB	: September / October
ASDB	: November
CHDB	: September
CPDB	: February
CVDB	: October
ELDB	: November
ENDB	: August
ETDB	: October
MCDB	: September
MMDB	: January
MNDB	: December
MRDB	: August
PRDB	: May
TXDB	: February
Indian Engineering Congress / Council	: December
CATE / Council	: March, June, September
IEI Convocation	: October

- N. B. :
- Spill over months for National Convention — March, April and July
 - ENDB (effective from 122nd Meeting of CATE, Hyderabad, 23 March, 2013)
 - ARDB (effective from 124th Meeting of CATE, Shimla, 28 September, 2013)
 - AGDB (effective from 136th Meeting of CATE and 698th Meeting of Council, Shimla, 28 September, 2017)



PROPOSAL FORMAT FOR THE NATIONAL CONVENTION

The proposal should be submitted through Technical Activity Management System (TAMS) only
[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]



For use by Headquarters (Programme code):

Centre code		Prog Type#		Div Board		Fin. Year*		Prog. No.					
# (NC) *Last two digits of financial year													

Name of the Centre:			
Proposed Programme:		National Convention	
Title of the Programme:			
Under the aegis of which Divisional Board:			
Date:		Venue:	
Associate organization (if any):			
Grant requested from HQ:			
For Use by Chairman, Division Board, Chairman, CATE and Headquarters:			
Put-up to Chairman, Division Board on:		Comments of Chairman, Division Board received on:	
Comments of Chairman Div. Board:		Approved / Not Approved / To be Revised	
Suggested Revision (if any):			
Put-up to Chairman, CATE on:		Comments of Chairman, CATE received on:	
Comments of Chairman, CATE:		Approved / Not Approved / To be Revised	
Suggested Revision (if any):			
Information to Centre about decision or to incorporate suggested revision (if any) on:			

Proposals to be sent: 9 (nine) months prior to the proposed dates of National Convention;

Grant

- To meet-up expenditure incurred for Division Board meetings held concurrently with National Conventions, the following norms (based on number of Division Board members) of Allocation of Grant will be followed:

Number of Division Board Members	Grant
Up to 5	1.50 lakhs
6 to 10	1.75 lakhs
11 to 15	2.00 lakhs
16 to 20	2.25 lakhs
More than 20	3.00 lakhs

- 25% of grant will be released on receipt of Information Brochure. 50% will be released during the convention and 25% will be earmarked as Chairman's Discretionary Fund.
- The Chairman's Discretionary Fund will be released to the Host Centre after completion of the Convention and after deduction of the expenses incurred by the IEI HQ for the Convention (e.g. preparation of plaques for Speaker of Memorial Lecture and Eminent Engineers etc) and conformation of necessary formalities.



STANDARD BROCHURE FORMAT FOR THE NATIONAL CONVENTION

First Information Brochure

The Institution of Engineers (India)

A Century of Service to the Nation

**..... National Convention of Engineers
and National Seminar**

on

Title of Theme

Date (Month, Date, Year)

Place

Organised by



The Institution of Engineers (India)

STATE / LOCAL CENTRE

Under the Aegis of

..... Engineering Division Board, IEI

In Association with (if any)

Venue

The Institution of Engineers (India)

State/Local Centre



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 for sharing professional interest. IEI has membership strength of above 2.6 lakhs. Established in 1920, with its headquarter Kolkata, IEI has served the engineering fraternity close to a century. During this period of time, IEI 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 which has been 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. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 124 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe.

Being recognized as a Scientific and 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 PhD Research Scholars of Engineering Institutions and Universities.

IEI has been recognized as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Government of India and besides conducting its' own research, provides Grant-in-Aid to UG/PG/PhD students of Engineering institutes and Universities.

IEI holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The institution also awards the Professional Engineers (PE) Certification.

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 fifteen engineering disciplines.

About State/ Local Centre:

About Supporting Organisation (If any):

About the Theme:

Sub Themes:

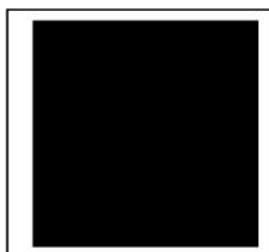


Call for Papers:

Prospective authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to the theme of the National Convention but not limited to sub-themes listed above.

Authors should send an Abstract up to 300 words to (**Email ID on which Abstract/Paper to be sent**). The final paper should be in the format available on website (**website of concerned State/Local Centre**). All presented papers will be included in the proceedings of the Convention.

For Guidelines for Submission of Papers scan the QR Code



<https://www.ieindia.org/webui/IEI-Activities.aspx#Call Papers>

Important Dates:

Last Date for submitting Abstracts	
Intimation of Acceptance	
Submission of full paper with Registration Fee	
Seminar Dates	

Registration:

All delegates and authors attending Convention must register by filling registration form and by paying registration fees by as per following details:-

- Delegates from Industries : Rs.+18% GST
- Delegates from R &D organization and Academic Institutions : Rs.+18% GST
- Corporate Members of IEI : Rs.+18% GST
- Students : Rs.+18% GST

Registration fee includes proceedings, Souvenir, registration kit beside Lunch and high tea.



Sponsorship and Advertisement:

Type	Amount (To be decided by State/Local Centre)	Privileges (To be decided by State/Local Centre)
Platinum		
Gold		
Silver		
Sponsor for Dinner		
Sponsor for Lunch		

Advertisement

A Souvenir containing abstracts of keynote address, Memorial Lecture, State-of-Art Lecture, Invited talks and technical papers will be published during the Convention. Tariff for advertisement in souvenir is as follows:-

Outside Back Cover Page (colour)	: Rs. + 5% GST
Inside Front & Back Cover Page (colour)	: Rs. + 5% GST
Inside Full Page (colour)	: Rs. + 5% GST
Inside Full Page (B/W)	: Rs. + 5% GST
Inside Half Page (B/W)	: Rs. + 5% GST

Payment:

Payments Can be made through crossed Demand Draft / At par Cheque drawn in favour of **"The Institution of Engineers (India),"** payable at

For Bank Transfer

A/c No. :

A/c Name : The Institution of Engineers (India)

IFS Code : Branch :

MICR Code :



NATIONAL ADVISORY COMMITTEE

Chairman :	President, IEI
Co-Chairman :	Chairman , Division Board, IEI
Convener:	Committee Member of Division at State/Local Centre Committee
Members:	Two Vice Presidents, IEI
	Chairman, CATE, IEI
	All Concerned Division Board Members of IEI
	Other Members can be decided by State/ Local Centre
	Secretary : Hon Secretary of State/Local Centre

ORGANISING COMMITTEE

Chairman :	Chairman, State/ Local Centre
Secretary :	Hon. Secretary, State/ Local centre
Organizing Secretary :	To be decided by State/Local Centre
Members :	All Members of Committee of State/ Local Centre Other Members can be decided by State/ Local Centre

TECHNICAL COMMITTEE

To be decided by State/ Local centre

Chairman	To be decided by State/Local Centre
Convenor	Member of Concerned Division at State/Local Centre
Members	To be decided by State/Local Centre

CONTACT PERSON

Name

Hon Secretary

The Institution of Engineers (India)

State/Local Centre

Address of State/Local Centre

Phone (Landline/Mobile):

E-mail Id of State/Local Centre



REGISTRATION FORM

National Convention

On

Theme

Date

State / Local Centre

Name: (Block Letters)

Organisation/Institution

Designation:

Branch:

.....

Mobile Email:

I/We enclose a Cash /NEFT details for Rs. transaction ID No..... Dated

.....

Signature



STANDARD BROCHURE FORMAT FOR THE ALL INDIA SEMINAR

First Information Brochure

The Institution of Engineers (India)

A Century of Service to the Nation

All India Seminar
on
(Theme of Seminar)

Date
Place

Organised by



The Institution of Engineers (India)
(State/Local Name) Centre

Under the Aegis of
Name of Division Board, IEI

In Association with (if Any)
Venue

The Institution of Engineers (India)
State/Local Centre



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 for sharing professional interest. IEI has membership strength of above 2.6 lakhs. Established in 1920, with its headquarter Kolkata, IEI has served the engineering fraternity close to a century. During this period of time, IEI 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 which has been 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. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 124 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe.

Being recognized as a Scientific and 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 PhD Research Scholars of Engineering Institutions and Universities.

IEI has been recognized as Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Government of India and besides conducting its' own research, provides Grant-in-Aid to UG/PG/PhD students of Engineering institutes and Universities.

IEI holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The institution also awards the Professional Engineers (PE) Certification.

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 fifteen engineering disciplines.

About State/ Local Centre:

About Supporting Organisation (If any):

About the Theme:

Sub Themes:



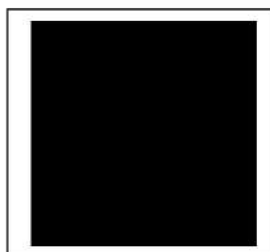
Call for Papers

All interested participants are requested to contribute technical/ research papers and case studies detailing concept, innovation, idea or practical experiences for oral presentation. Each paper should begin with a synopsis of about 200 words and preferably within 3000 words excluding figures, tables and references. Paper can be send to [\(Email ID on which papers to be sent\)](#)

Closing Dates for Papers

Submission of Abstract	:
Communication of Acceptance of Abstract	:
Submission of Full Length Paper	:

For Guidelines for Submission of Papers scan the QR Code



<https://www.ieindia.org/webui/IEI-Activities.aspx#Call Papers>

Registration Fee

Corporate Member of IEI	:
Member of Supporting Org(if any)	:
Industry Person/Non Member	:
Research Scholar/Students	:

Registration fee includes Tea & Lunch during Seminar and a copy of the Souvenir/Technical Proceeding.

Bank Name:

A/C No:

A/c Name :

IFSC code :

By Cheque/DD drawn in the favour of The Institution of Engineers (India), payable at



NATIONAL ADVISORY COMMITTEE

Chairman :	President, IEI
Co-Chairman :	Chairman , Division Board, IEI
Convener	Committee Member of Division at State/Local Centre Committee
Members	Two Vice Presidents, IEI
	Chairman, CATE, IEI
	All Concerned Division Board Members of IEI
	Other Members can be decided by State/ Local Centre
	Secretary : Hon Secretary of State/Local Centre

ORGANIZING COMMITTEE

Chairman :	Chairman, State/ Local Centre
Organizing Secretary :	Hon. Secretary, State/ Local Centre
Members :	All Members of State/Local Centre Committee Other Members can be decided by State/Local Centre

TECHNICAL COMMITTEE

To be decided by State/ Local centre

Chairman:	To be decided by State/Local Centre
Convenor:	Member of Concerned Division at State/Local Centre
Members:	To be decided by State/Local Centre

CONTACT PERSON

Name

Hon Secretary

The Institution of Engineers (India)

State/Local Centre

Address of State/Local Centre

Phone (Landline/Mobile):

E-mail Id of State/Local Centre



Registration Form

All India Seminar

on

Theme

Date

State/ Local Centre

Name: (Block Letters)

Organisation/Institution:

Designation:

Branch :

.....

Mobile: Email :

I/We enclose a Cash / NEFT details for Rs. transaction ID No..... Dated

.....

Signature



APPENDIX XV

REPORT FORMAT FOR THE NATIONAL CONVENTION

Part I: Report by the Host Centre

(Within two weeks of completion of the Convention, the Host Centre shall send the Report to the Technical Department at the IEI HQ along with some photographs.)

(a) Introductory point(s)		
(i)	Title of the Convention: _____	
(ii)	Dates : _____	
(iii)	Host Centre : _____	
(iv)	Venue of the Convention _____	
(b) Nodal date(s)		
(i)	Date of receipt of communications from the IEI HQ confirming to host the Convention _____	
(ii)	Date of receipt of Guidelines from the IEI HQ _____	
(iii)	Date of dispatch of materials to the IEI HQ for announcements in IEI News / Journal / Students' Newsletter / Technicians' Journal _____	
(iv)	Date of dispatch of First Circular to prospective delegates _____	
(v)	Date of dispatch of Last Circular to prospective delegates _____	
(vi)	Date of receipt of seed money from the IEI HQ _____	
(vii)	Details of IEI publications as in (iii) carrying announcements _____	
(c) Delegate Fee(s)		
(i)	Corporate Member _____	
(ii)	Non-member _____	
(iii)	Sponsored Member _____	
(iv)	Spouse _____	
(v)	Student / Technician / Research Scholar _____	
(d) National Seminar		
(i)	Theme of the National Seminar and date: _____	
(ii)	Expert Lectures _____	
	Name of Speaker	Title of Lecture / Address
(a)	Memorial Lectures _____	_____
(b)	State-of-the-art Lecture _____	_____
(c)	Keynote Address _____	_____
(iii)	Number of articles received by the organizers from other authors [excluding (ii)] _____	
(iv)	Total number of articles selected by the organizers _____	
(v)	Number of articles presented at the National Seminar _____	
(vi)	Number of technical sessions _____	
(e) Inaugural Session of the Convention		
(i)	Names of VIPs on Dais (Mention their functions) _____	
(ii)	Number of media personnel _____	
(a)	Newspapers _____	
(b)	AIR _____	
(c)	TV _____	
(iii)	Total number of persons present _____	



(f)	Number of expert lectures with details _____
(g)	Number of technical sessions _____
(h)	Participation
(i)	Number of persons registered _____
(ii)	Total number of registered delegates outside the Centre who attended _____
(iii)	Number of persons present in first technical session after inauguration _____
(iv)	Number of persons present in last technical session _____
(v)	Number of persons present at other events
(a)	Workshop _____
(b)	Technical Exhibition _____
(c)	Round Table _____
(d)	Technical Visit _____
(e)	Valedictory Session _____
(i)	Felicitatation of Eminent Engineer(s) (also, highlight the achievements of personalities)
(i)	Number selected with names _____
(ii)	Number attended with names _____
(j)	Publication(s) (Mention whether printed or cyclostyled)
(i)	Souvenir _____
(ii)	Abstract of articles (included in Souvenir or printed separately) _____
(iii)	Proceedings of full articles _____
(iv)	Any other publications _____
(k)	Name of Representative from the IEI HQ and work done by him _____
(l)	Strong/Weak Points
(i)	Strong points about the IEI HQ _____
(ii)	Weak points about the IEI HQ _____
(m)	Press Coverage
(i)	Newspapers (Please attach cuttings) _____
(ii)	AIR _____
(iii)	TV _____
(n)	Name of the Members of Core Group _____
(o)	Recommendations _____
(p)	Name of the Organizations / Institutions to whom the recommendations have been sent _____
(q)	Please provide the suggestions (within 200 words) for making the National Convention more successful in future days _____
(r)	Any other remarks _____

Signature with date



Part II: Report by Headquarter Representative

Name of the invitees who attended the DB Meeting
 Names of DB members who could not attend the Convention
 Where were the strong involvements of the IEI HQ?
 Where was the weak involvement of the IEI HQ?
 Which were the success points of Convention?
 Which were the failure points of Convention?
 Write within 150 words your plan to make a National Convention more successful in future
 Whether IEI Information Desk was installed?

- (a) Whether IEI publications were displayed at IEI Information Desk?
- (b) Whether Institution Ties were available at IEI Information Desk?
- (c) Whether Lapel Pins were available at IEI Information Desk?
- (d) Whether Membership Forms of different categories were available at IEI Information Desk?
- (e) Whether information regarding reinstatement was available at IEI Information Desk?

Any other remarks

Part III: Report by the Chairman

- (i) Where was the strong involvement of the IEI HQ?
- (ii) Where was the weak involvement of the IEI HQ?
- (iii) Where was the strong involvement of the host Centre?
- (iv) Where was the weak involvement of the host Centre?
- (v) Which were the success-points of the Convention?
- (vi) Which were the failure-points of the Convention?
- (vii) Where were the strong involvement of the Chairman and the DB?
- (viii) Where were the weak involvement of the Chairman and the DB?
- (ix) Kindly rate the National Convention out of 2
- (x) Please write within 100 words how you plan to make a National Convention more successful in future



APPENDIX XVI

**REPORT FORMAT FOR
THE NATIONAL COVENTION FOR PUBLICATION IN IEI NEWS/ WEBSITE**

Name of Centre / Overseas Chapter:			
Title of Activity:			
Activity under Divisional Board:			
Date:		Venue:	
Photo of Inaugural Session with banner of IEI		Photo of Technical Session	
Report of National Convention			
Brief Details about the Programme:			
Day-1(Forenoon) Inaugural Session Inaugural programme, Memorial Lectures, State of the Art Lectures, Felicitation to Eminent Engineers, Young Engineers, Deliberation on future of particular branch of engineering			
Day-1(Afternoon) Technical Session I 1 Invited Lecture (about 1 hour duration) and minimum 4 peer- reviewed papers	Invited Lecture by: Topic: 1. Paper by..... Title 2. Paper by..... Title 3. Paper by..... Title 4. Paper by..... Title		
Day-2 (Forenoon) Technical Session II 1 Invited Lecture (about 1 hour duration) and minimum 6 peer- reviewed papers	Invited Lecture by: Topic: 1. Paper by..... Title 2. Paper by..... Title 3. Paper by..... Title 4. Paper by..... Title 5. Paper by..... Title 6. Paper by..... Title		
Day-2 (Afternoon) Technical Session III 1 Invited Lecture (about 1 hour duration) and minimum 2 peer- reviewed papers	Invited Lecture by: Topic: 1. Paper by..... Title 2. Paper by..... Title		
Day-2 (Afternoon) Valedictory Session	Valedictory Address by		



FORMAT OF FEEDBACK FORM OF NATIONAL CONVENTION



The Institution of Engineers (India)

..... **National Convention of** **Engineers**

..... **Centre, IEI**

Date, Venue.....

Theme:

Feedback Form

Dear Participant,

Thank you for participating in the National Convention of Engineers, organised by Centre, IEI.

The Institution of Engineers (India) would like to know, if this National Convention provides an unique learning experience for you.

1. General Information:

A. Name (in Block letters): (Mr/Mrs/Ms/Dr/Prof)

B. Organisation (with Department) :

C. Title of Paper presented

D. Contact details :

Ph: Mobile: E Mail: Fax:.....

E. Membership No. of IEI:

2. Kindly rate the program as per the given five points scale:

Items (Technical session / Valedictory session etc.)	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
Do you think, adequate information regarding Convention was provided in the Website?					
Were the theme and sub theme of the Convention appropriate?					
Do you think that the timeline mentioned in the Call for Papers was appropriate?					
Whether the documents provided in the IEI Information Desk is adequate?					
Whether the Memorial Lectures provide a deep insight?					
Were the Keynote Addresses relevant to your area of interests?					
Was the State of the Art Lecture relevant to your area of study?					
Time slots allotted for the Technical Sessions are matching with two day detailed programme?					
The audiovisual facilities during paper presentation are adequate?					
During the Question Answer Sessions, time provided is adequate?					
Did the Convention match your expectations?					
How is the overall organisation of the event?					
How appropriate are the venue facilities?					
During the Valedictory Function, how relevant is the recommendations presented.					

Signature (with date)



APPENDIX XVIII

**PROPOSAL FORMAT FOR THE
ALL INDIA SEMINAR / CONFERENCE / WORKSHOP /
NATIONAL SEMINAR / CONFERENCE / WORKSHOP /
ONE-DAY SEMINAR / WORKSHOP**

The proposal should be submitted through Technical Activity Management System (TAMS) only
[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]

**For use by Headquarters (Programme Code):**

Divn. Board	Financial Year				Programme Type			Programme No.	

Name of the Centre:			
Proposed Programme: (strike out which are not applicable)		All India Seminar / Conference / Workshop National Seminar / Conference / Workshop One-Day Seminar / Workshop	
Title of the Programme:			
Under the aegis of which Divisional Board:			
Date:		Venue:	
Associate organization (if any):			
Grant requested from HQ:			
Brief Write-up about the programme (preferably within 300 words):			
For Use by Chairman, Division Board, Chairman, CATE and Headquarters:			
Put-up to Chairman, Division Board on:		Comments of Chairman, Division Board received on:	
Comments of Chairman Div. Board:		Approved / Not Approved / To be Revised	
Suggested Revision (if any):			
Put-up to Chairman, CATE on:		Comments of Chairman, CATE received on:	
Comments of Chairman, CATE:		Approved / Not Approved / To be Revised	
Suggested Revision (if any):			
Information to Centre about decision or to incorporate suggested revision (if any) on:			

Proposals to be sent

- (a) **45 days prior** to the proposed dates of All India Seminar and
(b) **1 month prior** to the proposed dates of One-Day Seminar / Workshop.

Grant available for

- (a) All India Seminar / Conference / Workshop / National Conference: Max. Rs.40,000/- [Rs.20,000/- after receiving of Information Brochure, remaining after receiving of report, recommendation, photographs and Proceedings / Souvenir (hard or soft copy)]*
- (b) One Day Seminar / Workshop: Rs.20,000/- [grant is released based on the report and photograph]*
- (c) Workshop on Disaster Mitigation & National Building Code: Rs.20,000/- [grant is released based on the report and photograph]

*[Approved during 150th Meeting of CATE and subsequently 725th Meeting of Council, Hosur, 29-31 March 2024]



APPENDIX XIX

**REPORT FORMAT OF THE
ALL INDIA SEMINAR / CONFERENCE / WORKSHOP /
NATIONAL SEMINAR / CONFERENCE / WORKSHOP
FOR PUBLICATION IN IEI NEWS**

Name of Centre / Overseas Chapter:	
------------------------------------	--

Title of Activity:	
Activity under Divisional Board	
Date:	
Venue:	

Photo of Inaugural Session with banner of IEI	Photo of Technical Session

Report of All India Seminar/Workshop

Brief Details about the Programme:

Details of the Sessions:

Day-1 (Forenoon) Inaugural Session Inaugural programme, Keynote Address	
Day-1 (Afternoon) Technical Session I 1 Invited Lecture (about 1 hour duration) and minimum 4 papers or two invited lectures / presentations	Invited Lecture by: Topic: 1. Paper by Title 2. Paper by Title 3. Paper by Title 4. Paper by Title
Day-2 (Forenoon) Technical Session II 1 Invited Lecture (about 1 hour duration) and minimum 4 papers or two invited lectures / presentations	Invited Lecture by: Topic: 1. Paper by Title 2. Paper by Title 3. Paper by Title 4. Paper by Title
Day-2 (Afternoon) Technical Session III Minimum 2 papers or two invited lectures / presentations	1. Paper / Lecture by Title 2. Paper / Lecture by Title
Day-2 (Afternoon) Valedictory Session	Valedictory Address by



APPENDIX XX

**REPORT FORMAT OF THE
ONE-DAY SEMINAR / WORKSHOP
ORGANISED BY CENTRES / OVERSEAS CHAPTERS
FOR PUBLICATION IN WEBSITE**

Name of Centre / Overseas Chapter:

Title of Activity:

Activity under Divisional Board

Date: Venue:

Photo of Inaugural Session with banner of IEI	Photo of Technical Session

Report of One-Day Seminar/Workshop

Brief Details about the Programme:

Details of the Sessions:

Day-1 (Forenoon) Inaugural Session Inaugural programme, Two invited lectures	1. Lecture by: Topic: 2. Lecture by: Topic:
Day-1 (Afternoon) Technical Session I Minimum 3 papers or two invited lectures / presentations	1. Paper / Lecture / Presentation by: Topic: 2. Paper / Lecture / Presentation by: Topic: 3. Paper / Lecture / Presentation by: Topic:



APPENDIX XXIA

PROPOSAL FORMAT FOR THE INTERNATIONAL CONFERENCE

The proposal should be submitted through Technical Activity Management System (TAMS) only
[Approved during 148th Meeting of CATE and subsequently 721st Meeting of Council, Durgapur, 23-25 June 2023]



For use by Headquarters (Programme code):

Divn. Board		Financial Year			Programme type		Programme No.		

Name of the Centre:			
Proposed Programme:		International Conference	
Title of the Programme:			
Under the aegis of which Divisional Board/ICC:			
Date:		Venue:	
Associate organization (if any):			
Grant requested from HQrs:			
Associated Foreign Bodies			
Brief Write-up about the programme			
Details of Technical sessions including sub theme			
Details of collaborating National and International Organisations including contact details of key persons			
Encl: Consent letters from the Collaborating International Organisations			
For Use by Chairman, Division Board Chairman, CATE and Headquarters:			
Put-up to Chairman, Division Board on:		Comments of Chairman, Division Board/ICC received on:	
Comments of Chairman Div. Board/ICC:		Approved / Not Approved / To be Revised	
Suggested Revision (if any):			
Put-up to Chairman, CATE on:		Comments of Chairman, CATE received on:	
Comments of Chairman, CATE:		Approved / Not Approved / To be Revised	
Suggested Revision (if any):			
Information to Centre about decision or to incorporate suggested revision (if any) on:			



**FORMAT FOR THE FIRST INFORMATION BROCHURE FOR
THE INTERNATIONAL CONFERENCE**

First Information Brochure

The Institution of Engineers (India)

A Century of Service to the Nation

International Conference

on

Date

Venue



Organised by

The Institution of Engineers (India)

Hosted by

..... **Centre**

Under the Aegis of

..... ***Engineering Division Board/ICC, IEI***

In Collaboration with

.....

In Association With

Associated
Foreign Body
name/logo

Associated
Foreign Body
name/logo

Associated
Foreign Body
name/logo

Associated
Foreign Body
name/logo

Introduction

An International Conference on the theme '..... is being organized by The Institution of Engineers (India) and hosted by it's Centre in association with during



About The Institution of Engineers (India)

The Institution of Engineers (India) — IEI, the architect of professionalism in the country — is a unique professional body of engineers. Established in 1920 with its headquarters at Kolkata, India, IEI was incorporated by Royal Charter in 1935 — only professional body in India to have been bestowed upon this honour.

IEI function amongst professional engineers, academicians and researchers and provides a vast array of technical, professional and supporting services to government, industry, and academicians as well as to all the engineering fraternity through its 124 Centres spread across the country and six Overseas Chapters at Bahrain, Abu Dhabi, Dubai, Kuwait, Qatar and Nepal.

At the national front, IEI has joined hands with several engineering professional organisations of reputed, namely, Consulting Engineers Association of India (CEAI); World Energy Council – Indian Member Committee (WEC-IMC); The Institute of Electronics and Telecommunication Engineers (IETE); The Computer Society of India (CSI); Centre for Innovations in Public System (CIPS), and Indian Society for Technical Education (ISTE).

IEI is the national member of several world bodies, namely, the World Federation of Engineering Organization (WFEO), Federation Internationale du Baton (*fib*), Federation of Engineering Institutions of South and Central Asia (FEISCA), Federation of Engineering Institutions of Asia and the Pacific (FEIAP), and Commonwealth Engineers Council (CEC), fostering close relation with these bodies through active participation in their meetings and conferences all over the world. IEI has bilateral agreements with as many as 33 engineering institutions of neighboring countries.

The Institution of Engineers (India) is the Full Member of the erstwhile Engineers Mobility Forum (EMF), now known as 'International Professional Engineers Agreement (IPEA)'- one of the six international agreement of the international Engineering Alliance (IEA), by virtue of which, IEI is authorized to create and maintain the India Section of the Register of International Professional Engineers – IntPE (India).

The Institution of Engineers (India), during its journey through nine- and-a-half decades of eventful existence, has already recorded commendable achievement resulting into due recognition as a leading organization in the engineering professional arena and identification with it is looked upon as a symbol of professional excellence. For details, please visit www.ieindia.org.

About the Collaborator

About the Foreign Associations/Bodies

Venue

Objective

Theme

Sub Theme

Call for Papers

Participation:

Registration:



Participant Profile	From India / SAARC Country	From Overseas
Delegates from Academic, Government, R&D Organizations, IEI Corporate/Non-corporate members, and not-for-profit organizations		
Delegates from Industries		
Student Delegate* (Full Time only) Ph. D, M. Tech / M.S. / B. E./B.Tech/SMIE.		

Souvenir and Advertisement Tariff:

Important Dates

Receipt of formatted manuscripts for review (full paper)	:	
Confirmation of acceptance of papers	:	
Final submission of accepted papers for the proceedings	:	
Last date of Registration	:	
International Conference	:	

Payment:

All payments are to be made through Bank Draft / Pay Order/Cheque, drawn in favour of "**International Conference** on "payable at For Overseas remittances, and the wire transfer is to be made to the following.

Beneficiary name & address: International Conference on (IEI), C/o. The Institution of Engineers (India), State/Local Centre.

Account type: Current Account

Bank address:

A/c Number:

SWIFT Code:

IFSC Code :

PAN / TAN No:



International Advisory Committee

- Chairman** : A reputed international personality in the field of engineering
Co-Chairman : President, IEI
Members : From Foreign Collaborating Organisations

National Advisory Committee

- Chairman** : President, IEI
Co-Chairman : A reputed personality in the field of engineering/ technology/ industry
Members : Representatives from various interest groups at senior level

Organising Committee

- Chairman** : Chairman, Centre, IEI
Organising Secretary : Honorary Secretary, Centre, IEI
Members: : Dignitaries from Government departments and industry

Technical Committee

- Chairman** :
Co-Chairman :
Members :

Publication Committee

- Chairman** :
Co-Chairman :
Members :

Finance Committee

- Chairman** :
Co-Chairman :
Members :

CONTACT

- Name of the contact person** : The Honorary Secretary/Organising Secretary
Address of IEI State/Local Centre :
Phone :
Email :



REGISTRATION FORM

International Conference on

Date Venue

To
The Hony. Secretary
The Institution of Engineers (India)
..... Centre
.....
.....

Dear Sir,
The following persons may please be registered as delegates for participation in the above International conference to be held at during

Sl No.	Name & Designation	Accompanying Spouse (Yes/No)	Category Registration/ Organizational/ Individual/ Educational Institute/Member IEI /Student Member	Payment Cheque/ Draft No. & Date	Enclosing Amount
1.					
2.					
3.					

SPONSORSHIP

- | | | |
|-----------------|--------|--------|
| * Platinum | Gold | Silver |
| * Manufacturers | Dinner | Lunch |
| * High Tea | | |

SOUVENIR ADVERTISEMENT

- | | |
|------------------------------------|------------------------------|
| * Back Cover outside (Colour) | * Back Cover inside (Colour) |
| * Front Cover inside (Colour) | * inside full Page (Colour) |
| * Inside full page (Black & White) | |

Full Postal Address, Telephone / Fax / Mobile No. & E-mail address :

Date:

(Signature with Date)

Name & Designation:

Full Postal Address:

Telephone / Fax / Mobile No.

E-mail address:

PAYMENT

All payments are to be made through Bank Draft / Pay Order/Cheque, drawn in favour of "International Conference on, payable at For Overseas remittances, and the wire transfer is to be made to the following.

Beneficiary name & address: International Conference on

C/o The Institution of Engineers (India)

..... Centre

A/c Type: Current A/c

Bank address:

A/c Number:

SWIFT Code:

IFSC Code :

PAN / TAN NO

(Photo copies of the registration form may also be used.)

Web site : <http://www.ieindia.org>

ADDRESS FOR CORRESPONDENCE

The Honorary Secretary,
The Institution of Engineers (India)
..... Centre
Phone no.:
Email:

Hotels at

Hotels	Telephone No (Fax No.)	Address	Distance from International Conference venue



APPENDIX XXIC

REPORT FORMAT FOR THE INTERNATIONAL ACTIVITIES ORGANISED BY CENTRES / OVERSEAS CHAPTERS

Name of Centre / Overseas Chapter:			
Theme			
Under which Division Board			
Date:		Venue:	
Photo of Inaugural Session with banner of IEI	Photo of Technical Exhibition	Photo of Technical Sessions	Photo of Industry Academic Meet

Report of International Conference

Brief Details about the Programme including details of Chief Guest, Guest of Honour, State of the Art Lecture Speaker, Keynote Speaker etc

Details of the Sessions:

Day-1 (Forenoon) Inaugural Session	Inaugural Programme, State-of-the-Art Lectures and Keynote Addresses by Foreign delegates and Speakers, Panel Discussions, Inauguration of Technical Exhibition
Day-1 (Afternoon) Technical Session I Two Invited Lecture and six paper presentations in five parallel sessions	Invited Lecture by: Topic: Invited Lecture by: Topic: 1. Paper by Title 2. Paper by Title 3. Paper by Title 4. Paper by Title
Day-2 (Forenoon) Technical Session II Two Invited Lecture and six paper presentations in five parallel sessions	Invited Lecture by: Topic: 1. Paper by Title 2. Paper by Title 3. Paper by Title 4. Paper by Title
Day-2 (Afternoon) Technical Session III	Academic Industry Meet
Day-2 (Afternoon) Valedictory Session	Valedictory Address by Placing draft Recommendations on the table by the Chairman, Technical Committee



APPENDIX XXID

SEATING PLANS FOR INTERNATIONAL CONFERENCE

Inaugural Session

1	2	3	4	5	6	7
Chairman, Organizing Committee	Guest of Honour	Chief Guest of the Session	President, IEI	Guest of Honour	Chairman, Division Board/ Committee	Honorary Secretary, Host Centre

★ The above arrangement is subject to change depending upon the protocol of dignitaries

Technical Session

1	2	3
Chairman of the Session	Speaker	Rapporteur

Valedictory Function

1	2	3	4	5	6	7	8
Secretary & Director General	Honorary Secretary, Host Centre	Chairman, Organising Committee	Chief Guest	President, IEI	Chairman, Division Board/ Committee	Guest of Honour	Chairman, Technical Committee



APPENDIX XXIE

FORMAT OF INVITATION CARD FOR INTERNATIONAL CONFERENCE

Inauguration of International Conference

The President and the Members of the Council of The Institution of Engineers (India) request the pleasure of your company at the Inauguration of the International Conference on '.....' being held at (venue) at am / pm on (date).
..... has kindly consented to be the Chief Guest on the occasion.

RSVP
.....

CHAIRMAN/HONORARY SECRETARY OF THE HOST CENTRE

SECRETARY & DIRECTOR GENERAL



APPENDIX XXIII A

PROPOSAL FORMAT FOR IEI TECHNICAL WEBINAR**Request by Centres for Holding Technical Activities through Webinar**

For use by Headquarters (Programme code):			
Divn. Board	Financial Year	Programme type	Programme No.
Name of the Centre / Forum:			
Proposed Programme:		Webinar	
Title of the Programme:			
Under the aegis of which Divisional Board:			
Program Date:		Program Time:	
Associate organization (if any):			
Approved in State / Local Centre / Forum Committee Meeting:		Meeting No.:	Date:
Brief Write-up about the theme (preferably within 300 words):			
Details of Panelists:			
Panelist No. 1			
Name:			Photo
Designation:			
Mobile No. and Email:			
Credential in Brief:			
Panelist No. 2			
Name:			Photo
Designation:			
Mobile No. and Email:			
Credential in Brief:			
Panelist No. 3			
Name :			Photo
Designation :			
Mobile No. and Email :			
Credential in Brief :			
Details of Moderator:			
Name :			Photo
Designation :			
Mobile No. and Email :			
Credential in Brief :			
For Use by Chairman, Division Board and Headquarters:			
Put-up to Chairman, Division Board on:		Comments of Chairman, Division Board received on:	
Comments of Chairman Div. Board:	Approved / Not Approved / To be Revised		
Suggested Revision (if any):			
Information to Centre about decision or to incorporate suggested revision (if any) on:			

Proposals to be sent 15 days prior to the proposed dates of the Webinar



FLYER FORMAT FOR IEI TECHNICAL WEBINAR



The Institution of Engineers (India)

8 Gokhale Road, Kolkata 700020, West Bengal, India
(Established in 1920, Incorporated by Royal Charter 1935)
A Scientific and Industrial Research Organisation

A Century of Service to the Nation

IEI Technical Webinar

(Theme)

Organised by

..... State / Local Centre / Forum

Platform: Zoom Webinar

Panelists :

Name, Designation and photo

Moderator :

Name, Designation and photo

For any assistance, please email to: <Centre/ Fora email>

Registration is a must for attending the webinar and **there is no Registration Fee**. To obtain e-certificate of participation, the registered delegates have to pay a registration fee of Rs.300/-

[Click here for Registration](#)

(To be provided by Technical Department)

The participants who opt for '**e-Certificate of Participation**', need to register themselves first using the above mentioned registration link and thereafter make a nominal payment of INR 300/- [+ GST @ 18% as applicable] using the payment gateway available against the link:

(To be provided by Technical Department)

Live streaming of the event can be viewed on

<https://www.youtube.com/channel/UCb-dnZOohQvbrDoxpsDYwsA>



APPENDIX XXHC

REPORT FORMAT FOR IEI TECHNICAL WEBINAR

Name of the Centre / Forum/ Overseas Chapter:			
Title of the Webinar:			
Under the aegis of which Divisional Board:			
Program Date:		Program Time:	
Associate organization (if any):			
No. of Participants logged in			

Report of Webinar

Panellist No. 1

Name:	Photo
Designation:	
Credential in Brief:	
Excerpts of deliberation:	

Panellist No. 2

Name:	Photo
Designation:	
Credential in Brief:	
Excerpts of deliberation:	

Panellist No. 3

Name:	Photo
Designation:	
Credential in Brief:	
Excerpts of deliberation:	

Comments of Moderator and Recommendation:



APPENDIX XXIID

FUND RELEASE FORMAT FOR IEI TECHNICAL WEBINAR

The Institution of Engineers (India)

Technical Department

TECH/S3/(Webinar Code)

(Date)

Deputy Director [Finance]

SUB: RELEASE OF FUND FOR TECHNICAL ACTIVITIES FROM
WEBINAR- SHARE OF SURPLUS OF CERTIFICATION FEES

Please arrange to remit the amount as per details given below under information to Technical Department duly quoting our reference:

Type of Activity	:	Webinar
Title	:	
Under the aegis of	: Engineering Division Board
Date	:	
Organized by	: Centre / IEI HQ
Technical Support provided by	:	IEI HQ
Financial Year	:	
Total Certification Fee Received	:	
Share of surplus to be released to Centre	:	Rs.
Share of surplus to be released to the NSDF	:	Rs.
Share of surplus to be retained at HQ	:	Rs.
Document received at Technical Department	:	Final Report of the Webinar

Certified that all provisions as per Guidelines applicable for release of share of surplus of certification fee have been complied with and amount may be released.

DEPUTY DIRECTOR [TECHNICAL]



**APPLICATION FORMAT FOR THE TECHNICAL ACTIVITIES BY
THE ENGINEERING INSTITUTIONAL MEMBERS**

**Technical Activities by Engineering Institutes
in association with**

The Institution of Engineers (India)

Application Form

(All data are to be typed in Times New Roman Font – 12 points)

1. Name and address of Organizing Institute:

Institute Name	
IM No.	
Department	
Address	
PIN	
Contact No	
E-mail	

2. Membership Details:

No. of Student Members (SMIE) newly enrolled with IEI during the current financial year (from 1st April of every year)	
No. of Corporate Members (FIE/MIE/AMIE) newly enrolled with IEI during the current financial year (from 1st April of every year)	
No. of fresh student chapter members enrolled from the college during the current financial year (from 1st April of every year)	

3. Title of the Activity:

--

4. Dates:

From		To	
------	--	----	--

5. Venue:

--

6. Geographical Coverage (Please Tick):

Local		Regional		National		International	
-------	--	----------	--	----------	--	---------------	--

7. Type of Technical Activity (Please Tick):

Seminar		Symposium		Conference		Workshop	
---------	--	-----------	--	------------	--	----------	--

**8. Engineering Discipline (Please Tick):**

Aerospace Engineering	Agricultural Engineering	Architectural Engineering	Chemical Engineering
Civil Engineering	Computer Engineering	Electrical Engineering	Electronics & Telecommunication Engineering
Environmental Engineering	Marine Engineering	Mechanical Engineering	Metallurgical & Materials Engineering
Mining Engineering	Production Engineering	Textile Engineering	Inter-disciplinary

9. Theme of Activity and short write-up (within 300 words), Please attach separate sheet:**10. Name of the coordinator and contact details (with Phone No. & Email Id):**

Name:
Position:
Department:
Mobile No.:
Email ID:

11.

Rs.

12. Details of publication of the proceeding:

Pages:
No. of Copies:
Estimated Expenditure:

13. Details of participation of the event:

A. Eminent personalities to be present during inaugural and technical session

B. Expected number of paper presenters:

C. Expected number of participants:

14. Is this seminar held annually? If yes, please give brief information of the last three events:

1.
2.
3.

Place :

Date :

Signature of the Head of Institution

put Institute Seal here

Important:

- Please send proposal addressed to Deputy Director (Technical), The Institution of Engineers (India) by e-mail at im.techactivity@ieindia.org
- Any change in the Proforma may lead to disqualification of the proposal.
- The Organising Institute has to include the Chairman and Hony Secretary of nearest IEI Centre in the organising committee in a befitting manner and has to send invitation of the programme to the Chairman and Hon. Secretary of the nearest IEI Centre.



15. Payee Details for Grant Release:

Technical Activities organized in collaboration with IEI for Institutional Members (IMs)

A/C Name	
Institute Name	
Institutional Membership Number	
Name of The Bank	
A/C No.	
Name of Branch	
Branch Code	
IFSC Code	
MICR Code	
GST Number of the Institute	
(Scanned copy of the Cheque clearly showing the name of the Institute as the account-holder, IFSC and account number)	

- Important:**
- Grant will be transferred online only to the account of Principal/ Director/ Registrar/ Dean directly. Payee details should be provided accordingly.
 - Proposal of the activity should be accompanied by a scanned copy of cheque showing the name of the Institute as the account-holder.



APPENDIX XXIVA

SCHEDULE (REVISED) OF PUBLICATION OF IEI-SPRINGER JOURNALS

[Approved during 134th Meeting of CATE and subsequently 694th Meeting of Council, Aurangabad, March 2017]*
 [Approved during 724th Meeting of Council, Jabalpur, December 2023]**

Series of IEI-Springer Journals	Number of Issues per Year	Month of Publication					
		Issue 1	Issue 2	Issue 3	Issue 4	Issue 5	Issue 6
IEIA	4	January-March	April-June	July-September	October-December	—	—
IEIB	6	January-February	March-April	May-June	July-August	September-October*	November-December*
IEIC	6	January-February	March-April	May-June	July-August	September-October*	November-December*
IEID	2	January-April	May-August	September-December**	—	—	—
IEIE	2	January-June	July-December	—	—	—	—

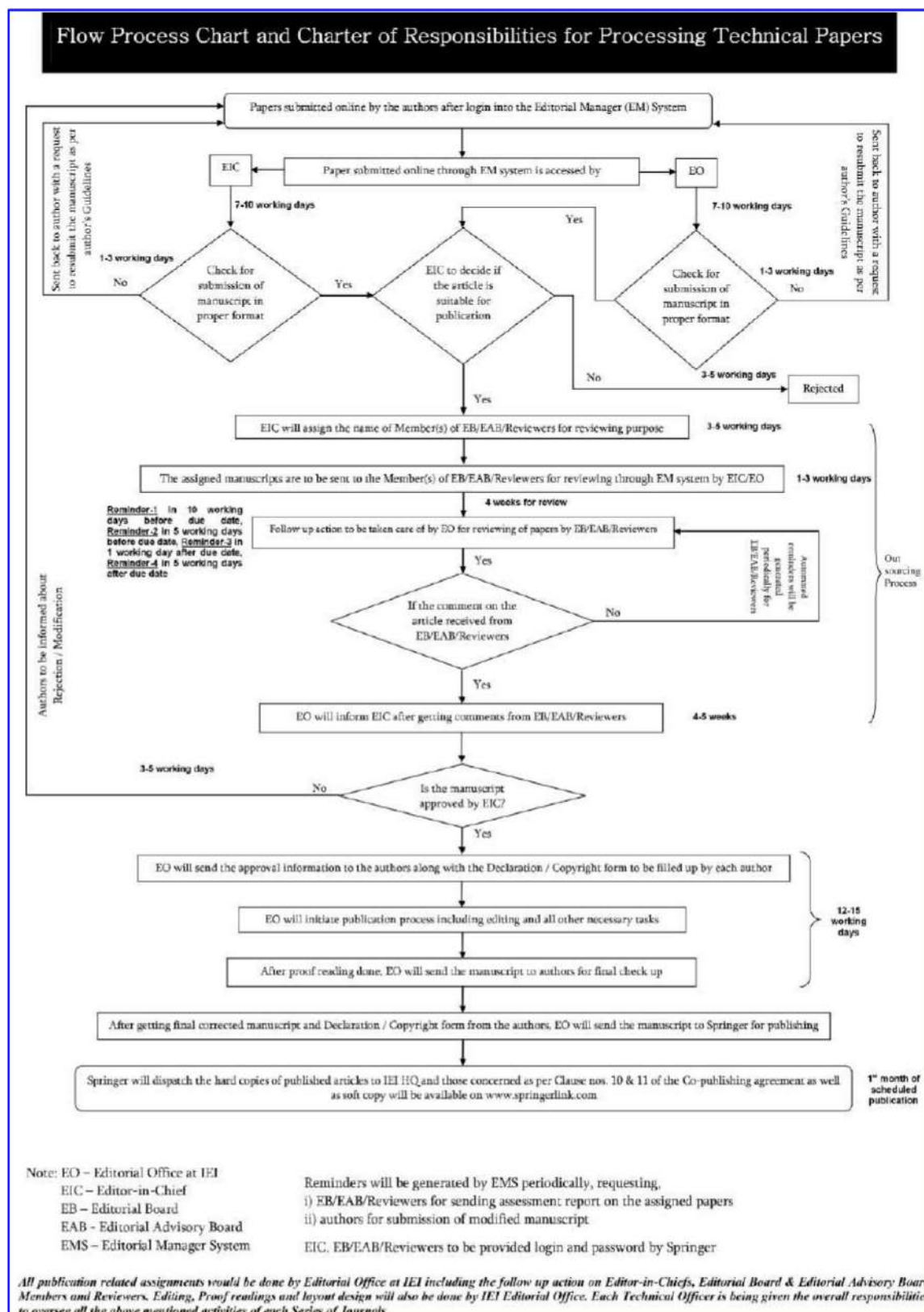
**DECLARATION FORM FOR PUBLICATION OF
IEI-SPRINGER JOURNALS AND ANNUAL TECHNICAL VOLUME**

The Institution of Engineers (India)			
Rev : 12/1911			
DECLARATION FORM FOR PUBLICATION			
<small>*ALL FIELDS ARE MANDATORY*</small>			
<p>This Declaration Form must be signed by the Author(s) of the Paper. In absence of the duly filled-in Declaration Form paper will not be taken up for publication. Any change in the mailing address after submission of this Declaration Form, should promptly be intimated to the Institution.</p>			
MANUSCRIPT ID _____			
TITLE OF THE PAPER _____			
NAME OF PRINCIPAL AUTHOR			
(IN BLOCK LETTERS) Mr/Ms/Prof/ Dr _____ (First Name) _____ (Middle Name) _____ (Surname) _____			
SEX : M <input type="checkbox"/> / F <input type="checkbox"/> IEI MEMBERSHIP STATUS: FIE <input type="checkbox"/> / MIE <input type="checkbox"/> / AMIE <input type="checkbox"/> NO. _____ / NON-MEMBER <input type="checkbox"/>			
DATE OF BIRTH _____ ENGINEERING QUALIFICATION _____ YEAR OF PASSING _____			
dd / mm / yyyy			
OFFICIAL ADDRESS _____			
DISTRICT _____ STATE _____ PIN CODE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
E-MAIL _____ MOBILE _____			
NAME OF CO-AUTHOR (1)			
(IN BLOCK LETTERS) Mr/Ms/Prof/ Dr _____ (First Name) _____ (Middle Name) _____ (Surname) _____			
SEX : M <input type="checkbox"/> / F <input type="checkbox"/> IEI MEMBERSHIP STATUS: FIE <input type="checkbox"/> / MIE <input type="checkbox"/> / AMIE <input type="checkbox"/> NO. _____ / NON-MEMBER <input type="checkbox"/>			
DATE OF BIRTH _____ ENGINEERING QUALIFICATION _____ YEAR OF PASSING _____			
dd / mm / yyyy			
OFFICIAL ADDRESS _____			
DISTRICT _____ STATE _____ PIN CODE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
E-MAIL _____ MOBILE _____			
NAME OF CO-AUTHOR (2)			
(IN BLOCK LETTERS) Mr/Ms/Prof/ Dr _____ (First Name) _____ (Middle Name) _____ (Surname) _____			
SEX : M <input type="checkbox"/> / F <input type="checkbox"/> IEI MEMBERSHIP STATUS: FIE <input type="checkbox"/> / MIE <input type="checkbox"/> / AMIE <input type="checkbox"/> NO. _____ / NON-MEMBER <input type="checkbox"/>			
DATE OF BIRTH _____ ENGINEERING QUALIFICATION _____ YEAR OF PASSING _____			
dd / mm / yyyy			
OFFICIAL ADDRESS _____			
DISTRICT _____ STATE _____ PIN CODE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
E-MAIL _____ MOBILE _____			
NAME OF CO-AUTHOR (3)			
(IN BLOCK LETTERS) Mr/Ms/Prof/ Dr _____ (First Name) _____ (Middle Name) _____ (Surname) _____			
SEX : M <input type="checkbox"/> / F <input type="checkbox"/> IEI MEMBERSHIP STATUS: FIE <input type="checkbox"/> / MIE <input type="checkbox"/> / AMIE <input type="checkbox"/> NO. _____ / NON-MEMBER <input type="checkbox"/>			
DATE OF BIRTH _____ ENGINEERING QUALIFICATION _____ YEAR OF PASSING _____			
dd / mm / yyyy			
OFFICIAL ADDRESS _____			
DISTRICT _____ STATE _____ PIN CODE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
E-MAIL _____ MOBILE _____			
<p>1. I/We certify that my/our above mentioned paper, now submitted to The Institution of Engineers (India) for publication in its Journal or Annual Technical Volume, has neither been submitted for publication nor so far published in any Journal or Annual Technical Volume. I/We further undertake that the paper now submitted is not copied or plagiarized version of some other published work.</p> <p>2. I/We declare that I/we shall not submit the paper for publication in any other Journal or Annual Technical Volume till the decision of the Institution is made known to me/us.</p> <p>3. If the paper is finally accepted by the Institution for printing in its Journal or Annual Technical Volume, I/we agree not to send the paper for publication in any other Journal or Annual Technical Volume.</p> <p>4. If the paper is to be reprinted in any other Journal or Annual Technical Volume subsequently, the permission of the Institution will be duly taken well in advance.</p> <p>5. I/We understand that submission of false or incorrect information/undertaking would invite appropriate penal actions as per norms/rules of the Institution.</p> <p>6. I/We agree with the provision of the Bye-Law 115 of The Institution of Engineers (India) which states that copyright of each paper published in Institution Journal or Annual Technical Volume in full or in Abstract at its centres shall lie with the Institution.</p>			
Signature of Author(s) with Date			
Please tick corresponding author			
Principal Author	_____	_____	<input type="checkbox"/>
Co-Author (1)	_____	_____	<input type="checkbox"/>
Co-Author (2)	_____	_____	<input type="checkbox"/>
Co-Author (3)	_____	_____	<input type="checkbox"/>
	Signature	Date	



APPENDIX XXIV

FLOW PROCESS CHART AND CHARTER OF RESPONSIBILITIES FOR PROCESSING TECHNICAL PAPERS OF IEI-SPRINGER JOURNALS





APPENDIX XXV

**TERMS OF PUBLICATION OF ANNUAL TECHNICAL VOLUME BY
DIVISIONAL BOARDS**

The following salient features may be considered for publication and distribution of the Annual Technical Volumes by Engineering Division Boards:

- (a) Chairman, CATE will be Chief Editor and Chairman of the Divisional Board will be the Consulting Editor of the Annual Technical Volume published during his tenure and the Division Board members will provide all sort of assistance in collecting, selecting and editing of the articles. President's name will appear in all Annual Technical Volumes in the same manner as it appears in IEI-Springer Journals. All Division Board Members will be the Members of the Editorial Board and their names will be appropriately displayed in the Technical Volume. SDG will be the publisher on behalf of IEI;
- (b) The Annual Technical Volume of each Division will be published during the Indian Engineering Congress of the ensuing year;*
- (c) Efforts will be made to obtain ISBN No. for the Annual Technical Volume;
- (d) Such Volumes may be around 48 pages (44 pages text + 4 pages cover). No. of Articles may be restricted to 10 or 44 pages (whichever is minimum);
- (e) Papers should be original contribution and free from plagiarism. The author should establish ownership of all facts/figures/photographs or he has to take prior consent of the owner to use those in his/her article;
- (f) The selected articles in soft form (in CD or by email) have to be sent to Technical Department at least 60 days prior to the date of the IEC to enable them to publish the same in time;*
- (g) Technical Department will arrange for proof reading, printing and distribution of the Annual technical Volumes;
- (h) deleted *
- (i) The Technical Volumes will be free-of-cost;
- (j) Online version of the Volumes will be published through IEI's website for view and free download by everybody. The e-copy of the publication will be sent to all members of that Engineering Division by email.
- (k) Soft copies will be provided to the Chairman of respective Division Board, who is the Consulting Editor of the Volume and to the Members of the respective Division Boards, who are also Member of the Editorial Board, for forwarding among dignitaries of their choice;*
- (l) Soft copies will be sent to IEI Centres, Central Government Ministries, Dignitaries, Industries, R&D institutes etc for wider publicity of the technical activities of IEI;*
- (m) Status of the Annual technical Volume may be discussed in the meetings of the Division Boards.

**Approved during 152nd Meeting of CATE and subsequently 727th Meeting of Council, Hyderabad, 20-22 September 2024*



LIST OF PRIZES FOR BEST PAPERS PUBLISHED IN IEI-SPRINGER JOURNALS

The Institution gives away a large number of prizes, awards and certificates to the authors of the papers of high technical standard published in the IEI-Springer Journals of all Divisions and thereby extending recognition to individual achievements and activities in advancing the science and the art of engineering.

All articles written by the members and non-members and published in the IEI-Springer Journals are eligible for awards / prizes except in case where the conditions of the award / prize restrict it to a particular branch of engineering or otherwise.

Preliminary selection of articles for the award of various prizes is done by the Consulting Editors. The Chairman of the respective Division Boards finally vets such selections.

To help the President in arriving at a final decision regarding selection of the best papers / articles for the award of various categories of prizes and awards, an 'Award Committee' is formed comprising President, one Division Board Chairman and another Council Member co-opted by the President.

1. The President of India's Prize

(this prize was discontinued as per recommendations of 151 Meeting of CATE to 726 Meeting of Council during 14-15 June 2024 at Kathmandu)

This prize was instituted in 1921 as the Viceroy's Prize and is of historical significance. In declaring the Institution inaugurated on the 23rd February of that year, the Governor General and Viceroy Lord Chelmsford announced an annual prize to be called "The Viceroy's Prize", for the best paper presented by a member. The name was changed to "The Governor General's Prize" in 1947, and again to "The President of India's Prize" in 1952, reflecting the changes in the political status of the country. It is awarded by the Government of India, on the recommendation of the Institution's Council, for the best paper published in the Institution's Journal.

2. The Institution Prizes (Two Numbers)

These prizes were instituted in 1953. They are awarded by the Institution's Council for the best papers published in the Institution's Journal.

3. The K F Antia Memorial Prize

This prize was instituted in 1969 in the memory of Late K F Antia, the then President of the Institution. The prize is given for the best paper published in the Institution's Journal on any subject related to engineering.

4. The Corps of Engineers Prize

This prize was instituted in 1961 and is awarded by the Council of the Institution of Military Engineers for the best paper published in the Institution's Journal on a subject of common interest to all branches of engineering.

5. The Institution Prize (Donated by Col G N Bajpai)

This prize is awarded for the best paper published in the Civil Engineering, Electrical Engineering and Mechanical Engineering parts of the Institution's Journal in the fields of Marine Structures, Ship-building and such other topics related to Marine Engineering.

6. The Railway Board's (First and Second) Prize

(this prize was discontinued as per recommendations of 151 Meeting of CATE to 726 Meeting of Council during 14-15 June 2024 at Kathmandu)

These prizes were instituted in 1931. The prizes are awarded by the Railway Board, Ministry of Railways, Government of India, for the best two papers published in the Institution's Journal on Railway Engineering or subjects allied to it.

7. The E P Nicolaides Prize

This prize was instituted in 1963 by Gammon (India) Ltd to commemorate E P Nicolaides for his



pioneering work in the field of Pre-stressed Concrete in India. It is awarded for the best paper on Reinforced and Pre-stressed Concrete published in the Institution's Journal.

8. The John C Gammon Prize

This prize was instituted in 1963 by Gammon (India) Ltd to honour the Late John C Gammon for his pioneering work in the field of shell structures in India. It is awarded for the best paper published in the Journal on concrete shell structures.

9. The Corps of Electrical and Mechanical Engineers' Prize

This prize was instituted by the Directorate of Electrical and Mechanical Engineering, Army Headquarter, New Delhi. This prize is to be awarded for the best paper contributed to the Institution's Journal and of relevance to the Army in the field of mechanical, automotive, production, electronics or industrial engineering.

10. The Surendranath Mukherjee Memorial Prize

This prize was instituted in 1984 by R G Mukherjee to commemorate his father the Late Surendranath Mukherjee, who served the Irrigation Department of Bengal for thirty-two years and retired in 1935. The prize is awarded to the best research paper pertaining to practical execution of work for : (i) improvement of existing water supply and distribution for human consumption, (ii) improving the irrigation work for cultivation in West Bengal or (iii) improvement of food control in West Bengal.

11. The Union Ministry of Water Resources : Department of Irrigation Prize

(this prize was discontinued as per recommendations of 151 Meeting of CATE to 726 Meeting of Council during 14-15 June 2024 at Kathmandu)

This prize was instituted in 1958 by the Union Ministry of Irrigation and Power and now awarded by the Union Ministry of Water Resources, Department of Irrigation, Government of India. The prize is for the best paper on Civil Engineering on aspects of River Valley Development.

12. The Union Ministry of Energy : Department of Power Prize

(this prize was discontinued as per recommendations of 151 Meeting of CATE to 726 Meeting of Council during 14-15 June 2024 at Kathmandu)

This prize was instituted in 1958 by the Union Ministry of Irrigation and Power (now Ministry of Energy, Department of Power), Government of India, for the best paper published on Power Development and Utilization in the Institution's Journal.

13. The Sir Arthur Cotton Memorial Prize

This prize was instituted in 1965 for the best paper published in the Civil Engineering Division Part of the Institution's Journal.

14. The George Oomen Memorial Prize

The prize was instituted in 1970 by the friends and admirers of Late George Oomen who contributed to a memorial fund to establish a prize in his name to be awarded for the best paper published in the Civil Engineering Division Part of the Institution's Journal on topics : Composition, properties and quality plant capacities and layout to suit different site conditions and various types of concrete dams.

15. The Dr Jai Krishna Prize

Dr Jai Krishna, a Past President of the Institution (1974-75) and an eminent earthquake engineer donated a sum of Rs 3000 towards instituting a prize to be given by the Institution every year for the best paper on the subject of earthquake engineering (or allied fields in structural dynamics) published in the Journal of the Institution.

16. The Sir Rajendra Nath Mookerjee Prize

The prize was instituted in the year 1965 in memory of the inaugural President of the Institution, Sir Rajendra Nath Mookerjee (1920-21) for the best paper published in the Mechanical Engineering Division Part of the Institution's Journal.



17. The Pandit Madan Mohan Malaviya Memorial Prize

This prize was instituted in the year 1965 for the best paper published in the Electrical Engineering Division Part of the Institution's Journal.

18. The Sir Thomas Ward Memorial Prize

This prize was instituted in the year 1965 in memory of the Founder President Sir Thomas R J Ward (1920) and is awarded for the best paper published in the Electronics and Telecommunication Engineering Division Part of the Institution's Journal.

19. The Shrimati Saroma Sanyal Memorial Prize

The donor was H Sanyal, a Corporate Member of the Institution, who in memory of his mother, the Late Saroma Sanyal, donated an endowment fund to be used for an award for the best paper on water supply and sanitary engineering published in the Journal.

20. The Nawab Zain Yar Jung Bahadur Memorial Prize

The prize was instituted in 1965 in memory of Nawab Zain Yar Jung Bahadur, Past President of the Institution (1945-46) for the best paper published in the Environmental Engineering Division. Part of the Institution's Journal.

21. The Dr Rajendra Prasad Memorial Prize

The prize was instituted in 1965, in memory of Dr Rajendra Prasad, First President of Independent India for the best paper published in the Mining Engineering Division Part of the Institution's Journal.

22. The Sir Ganga Ram Memorial Prize

This prize was instituted in 1965 to be awarded for the best paper published in the Chemical Engineering Division Part of the Institution's Journal.

23. The Hem Prabha-S N Gupta Prize

Constituted in 1980 and donated by the Late S N Gupta — a Fellow Member of the Institution, this prize is awarded to encourage studies pertaining to collection and analysis of river data as related to channel geometry, sediment transport and meanders, regime of rivers before and after adoption of river improvement measures, bank erosion control, river bed stabilization and sediment control at estuaries. The prize is awarded for the best paper submitted by a civil engineer on these topics and published in the Civil Engineering Division Part of the Journal.

24. The Hindustan Zinc Limited Prize

(this prize was discontinued as per recommendations of 151 Meeting of CATE to 726 Meeting of Council during 14-15 June 2024 at Kathmandu)

This prize was instituted in 1981 to be awarded for the best practice-oriented paper in the area of Underground Metalliferous Mining or Rock Mechanics published in the institution's Journal.

25. The N K Iyengar Memorial Prize

This prize was instituted in 1982 on an endowment by the Mysore Technical Education Society to be awarded for the best practice-oriented paper on the machine design published in the Mechanical Engineering Division Part of the Institution's Journal.

26. The Dr Triguna Charan Sen Prize

This prize was instituted in 1982 by the Late Dr Triguna Charan Sen, a Past President of the Institution (1962-64) and is awarded for the best paper published in the Textile Engineering Division Part of the Journal.

27. The Brij Mohan Lal Memorial Prize

This prize was instituted in 1981 and is awarded for the best paper published in the Civil Engineering Division Part of the Institution's Journal.



28. The Prof R C Singh Prize

This prize instituted in 1986 by Prof R C Singh (F) is awarded to a paper of the greatest practical importance and published in the Environmental Engineering Division Part of the Institution's Journal.

29. The Tata Rao Prize

This prize was instituted in 1987 by the admirers of Dr Tata Rao (F) and is awarded for the best paper published in the Electrical Engineering Division Part of the Institution's Journal.

30. The Rekha Nandi and Bhupesh Nandi Prize

This prize was instituted in 1991 by Shri Bhupesh Nandi for the Author(s) of the best paper published in the Environmental Engineering Division Part of the Institution's Journal each year.

31. The Suchit Kumar Ghosh Memorial Prize

This prize was instituted by the family members of Late Suchit Kumar Ghosh, an eminent Civil Engineer and also Chief Engineer, Public Works Department, Government of West Bengal, and is awarded for the best paper on Bridge Engineering — Design and / Construction published in the Institution's Journal. In absence of any such paper, any practice-oriented paper on Civil Engineering Project Execution could be considered.

32. The Aerospace Engineering Division Prize

This prize was instituted in 1982 by the Institution for the best paper published in the Aerospace Engineering Division Part of the Institution's Journal.

33. The Agricultural Engineering Division Prize

This prize was instituted in 1982 by the Institution for the best paper published in the Agricultural Engineering Division Part of the Institution's Journal.

34. The Architectural Engineering Division Prize

This prize was instituted in 1982 by the Institution for the best paper published in the Architectural Engineering Division Part of the Institution's Journal each year.

35. The Computer Engineering Division Prize

This prize was instituted in 1987 by the Institution for the best paper published in the Computer Engineering Division Part of the Institution's Journal each year.

36. The Marine Engineering Division Prize

This prize was instituted in 1982 by the Institution for the best paper published in the Marine Engineering Division Part of the Institution's Journal.

37. The Metallurgical and Materials Engineering Division Prize

The prize was instituted in 1987 by the Institution for the best paper published in the Metallurgical and Materials Engineering Division Part of the Institution's Journal each year.

38. The Production Engineering Division Prize

This prize was instituted in 1987 by the Institution for the best paper published in the Production Engineering Division Part of the Institution's Journal each year.



APPENDIX XXVII

LIST OF PRIZES FOR IEI CONVOCATION

SECTION A (DIPLOMA) AND (NON-DIPLOMA)

- (i) For passing the Examination in full securing the Highest Marks amongst the successful candidates of Examination (irrespective of number of attempts the candidate made for passing)

Rs 1000/- $\times 2 \times 2$

Rs 4000/-

- (ii) For passing the Examination in full securing the Second Highest Marks amongst the successful candidates of Examination (irrespective of number of attempts the candidate made for passing)

Rs 500/- $\times 2 \times 2$

Rs 2000/-

SECTION B

For passing the Examination in full securing the Highest Marks amongst the successful candidates of an Examination (branch-wise)

Rs 1500/- $\times (10 \times 2)$

Rs 30000/-

S N GHOSH MEMORIAL PRIZE

To be awarded additionally to candidate passing under category A(ii) above

Rs 150/- $\times 2$

Rs 300/-

BHUPESH NANDI AND REKHA NANDI AWARD

For passing Section B in Civil Engineering Branch securing the Highest Marks amongst the successful candidates [This will be additional prize to the same candidates who will be selected for prize under category Section B]

Rs 1000/- $\times 2$

Rs 2000/-

SUNMAN SHARMA PRIZE

For women candidates appearing in Section A (Diploma) and Section A (Non-Diploma) Examination qualified with first three best results in each category per Examination

First Prize

Rs 350/-

Second Prize

Rs 250/-

Third Prize

Rs 150/-

Rs 750/- $\times 2 \times 2$

Rs 3000/-

AWARD / PRIZES FOR ALL INDIA TECHNICIANS' / STUDENTS' SEMINAR AND TECHNICAL SESSION

1. Seminar (B P Kapadia Memorial Prizes and Institution Prizes)

Group I (Technician / Senior Technician)

First

Rs 2000/-

Second

Rs 1500/-

Third

Rs 1000/-



Group II (Students from Engineering College Students Chapter)

First	Rs 2000/-
Second	Rs 1500/-
Third	Rs 1000/-

Group III (Students from Polytechnic Students Chapter)

First	Rs 2000/-
Second	Rs 1500/-
Third	Rs 1000/-

2. Technical Session

Group I (Technician / Senior Technician)

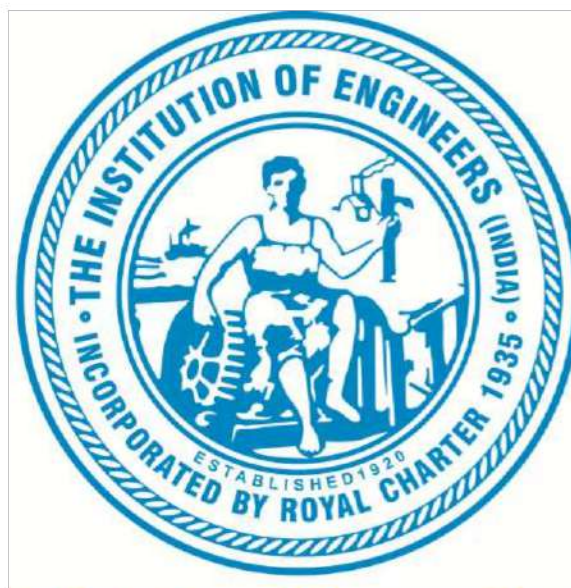
First	Rs 2000/-
Second	Rs 1500/-
Third	Rs 1000/-

Group II (Students from Engineering College Students Chapter)

First	Rs 2000/-
Second	Rs 1500/-
Third	Rs 1000/-

Group III (Students from Polytechnic Students Chapter)

First	Rs 2000/-
Second	Rs 1500/-
Third	Rs 1000/-



The Institution of Engineers (India)

AN ISO 9001 : 2015 CERTIFIED ORGANISATION

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)

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