

The Institution of Engineers (India) – Overview

About IEI

The Institution of Engineers (India) [IEI] is the largest multi-disciplinary professional body of engineers, established in 1920 with its Headquarters located in Kolkata. It was incorporated under Royal Charter on 9th September, 1935 by His Majesty King George V.

The Royal Charter endowed the Institution with the responsibility to promote the general advancement of engineering amongst its members and persons attached to the Institution. After Independence, the Institution became a “Body Corporate” protected under Article 372 of the Constitution of India. The Institution of Engineers (India) is administered by a National Council with the President as its Head.

Key Highlights:

- Over a century of service to the engineering fraternity.
- 124 Centres across India, 6 Overseas Chapters, 7 Fora, and the Engineering Staff College of India (ESCI), Hyderabad.
- Encompasses 15 engineering disciplines with a Corporate membership of over 2 lakhs.
- Recognized as a Scientific and Industrial Research Organization (SIRO) by the Ministry of Science & Technology, Govt. of India.
- Provides grants-in-aid to UG/PG/PhD students of engineering institutes and universities.
- First professional body to represent India in international organizations such as:
 - World Mining Congress (WMC)
 - World Federation of Engineering Organizations (WFEO)
 - Commonwealth Engineers’ Council (CEC)
 - Federation International du Beton (fib)

- Federation of Engineering Institutions of South and Central Asia (FEISCA)
 - Holds International Professional Engineers (IntPE) Register for India under IntPEA.
 - Awards Professional Engineers (PE) Certification.
 - Conducts Sections A & B Examinations (AMIE), recognized as equivalent to an engineering degree by Government bodies.
 - Contributed to formation of Indian Standard Institution (ISI), now Bureau of Indian Standards (BIS).
 - Publishes peer-reviewed journals in collaboration with Springer Nature Pvt. Ltd.
 - Issues Chartered Engineer, Professional Engineer, and International Professional Engineer certifications.
 - Maintains a panel of qualified arbitrators across 15 engineering disciplines.
 - Organizes technical activities through State/Local Centres.
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History of IEI

Genesis

- Post-World War I, industrialization was rising, increasing engineering activities in India.
- Government of India formed an Indian Industrial Commission under Sir Thomas Holland to uphold quality in engineering products and processes.
- Based on recommendations, the “Indian Society of Engineers” was formed on 3rd Jan 1919 at Calcutta.
- Constitution and rules were drafted and circulated nationwide.
- On 16th Jul 1919 at Shimla, the society’s name was changed to The Institution of Engineers (India).

Historical Events

- **1920, 13 Sep:** Institution formally registered in Madras under Indian Companies Act of 1913.
 - **1921, 23 Feb:** Inauguration by Lord Chelmsford, the then Viceroy of India.
 - **1921, 23 Feb:** Announcement of “The Viceroy’s Prize” for best technical paper.
 - **1921, 23 Feb:** First technical paper: “The Howrah Bridge Problem – A case for a floating bridge.”
 - **1922:** First issue of the Journal of the Institution published.
 - **1928, Aug:** First Associate Membership exam held with 4 candidates.
 - **1935, 09 Sep:** Royal Charter granted at Buckingham Palace.
 - **1937, 21 Oct:** First Bye-laws approved by the Privy Council, England.
 - **1968, 01 Jan:** Dr Zakir Hossain inaugurated the nine-storied IET HQ building at Kolkata.
 - **1987, 09 Jan:** First Indian Engineering Congress held at Calcutta, inaugurated by PM Rajiv Gandhi.
 - **1993, 15 Oct:** First IET Convocation held at Ranchi.
 - **2012, 22 Jan:** First IET-Springer Journal – Series 'C' published.
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Services of IET

- Promote the general advancement of engineering and its applications.
- Grant certificate of competency for engineering practice.
- Facilitate settlement of disputes through arbitration.
- Advise government and other bodies on engineering-related matters.
- Promote engineering research and R&D grants.
- Recognize technical knowledge via scholarships, awards, and other benefits.

- Conduct non-formal engineering education (AMIE exams).
 - Disseminate and update engineering knowledge among members.
 - Encourage social responsibility and ethics among engineers.
 - Foster national and international cooperation in engineering.
 - Facilitate Continued Professional Development (CPD).
 - Promote efficiency and suppress malpractice in engineering.
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IEI Council Members

Council Members

- **MR A SEKAR, FIE – F-1162523-EL**
- **MR AJOY KUMAR SINHA, FIE – F-1285889-EN**
- **DR ALOKNATH DE, FIE – F-1105554-ET**
- **DR AMIT KUMAR DAS, FIE – F-1270229-CP**
- **MR ANAND WAMANRAO JAWANJAL, FIE – F-1201391-EL**
- **DR ANIL JOSEPH, FIE – F-1294721-CV**
- **MR ANWAR ISAAC KHAN, FIE – F-1257168-CV**
- **DR ARVIND DHINGRA, FIE – F-1258911-EL**
- **MR ASHOK KUMAR SHARMA, FIE – F-1294381-EL**
- **DR BALJIT SINGH, FIE – F-1196649-CP**
- **MR BHARAT RAJ SINGH, FIE – F-0108576-MC**
- **CDR (DR) BHASKAR M BHANDARKAR, FIE – F-1092975-MR**

- **PROF (DR) BRAHMA RAJU K, FIE – F-1161764-MC**
- **PROF (DR) CHANDAN KONER, FIE – F-1273864-CP**
- **PROF (DR) CHANDRASHEKARA S N, FIE – F-1205325-CP**
- **MR CONSTANTINE KHARMUDAI, FIE – F-1298646-CV**
- **PROF (DR) DEEPU R, FIE – F-1253286-CP**
- **MR DEVENDRA GILL, FIE – F-1180505-MC**
- **DR DHARMENDRA KUMAR JAIN, FIE – F-1217506-MC**
- **DR ENTI RANGA REDDY, FIE – F-0179937-MC**
- **DR G MADHU, FIE – F-0164166-CH**
- **DR G VENKATA SUBBAIAH, FIE – F-1194883-MC**
- **DR (MS) GUNNU PADMAVATHI, FIE – F-1181943-ET**
- **DR I SATYANARAYANA RAJU, FIE – F-0151196-CV**
- **MR IFTIKHAR AHMED HAKEEM, FIE – F-1169897-CV**
- **MR INDERDEEP SINGH, FIE – F-1267775-CV**
- **MR JAGDISH CHAND SINGHAL, FIE – F-1049263-EN**
- **MR JAI PRAKASH NARAYAN, FIE – F-1297720-AG**
- **MR JASWANT SINGH, FIE – F-1303453-CV**
- **MR K VENKATA RAMA MOHANA RAO, FIE – F-1295418-MC**
- **MR KIRAN CHANDER SETHI, FIE – F-1111368-MC**
- **MR KISHORE KUMAR MEHROTRA, FIE – F-0149167-MM**
- **PROF (DR) KRISHNAMOORTHY J, FIE – F-1285862-MM**
- **MR LAKSHMANA, FIE – F-1228346-CV**

- **MR LOCHAN KUMAR ADHIKARI, FIE – F-1262196-MC**
- **PROF (DR) M CHANDRASEKARAN, FIE – F-1296007-PR**
- **PROF (DR) M CHOWDE GOWDA, FIE – F-1032352-AG**
- **PROF (DR) M L S DEVA KUMAR, FIE – F-1201014-MC**
- **MR M NAGARAJ, FIE – F-0174439-CV**
- **MR M SHYAMPRASAD REDDY, FIE – F-1267864-CV**
- **MR M VENKATACHALAM, FIE – F-1298573-MC**
- **MR MAHENDRA K CHAUHAN, FIE – F-1146307-CV**
- **MR MAHESH BARKATAKI, FIE – F-1267112-MC**
- **MR MAHESH KUMAR GUPTA, FIE – F-1230227-MC**
- **MR KOTHARI MANISH MAHENDRA, FIE – F-1193992-AS**
- **MR MASARRAT NOOR KHAN, FIE – F-0183675-CV**
- **MR NARENDRA KUMAR YADAV, FIE – F-1290998-MC**
- **PROF (DR) NEMICHANDRAPPA M, FIE – F-1253650-AG**
- **PROF (DR) NETAI CHANDRA DEY, FIE – F-1236446-MN**
- **DR NILAJKUMAR NAJUKRAO DESHMUKH, FIE – F-1250155-MC**
- **DR NUTAN KUMAR DASH, FIE – F-0162511-AG**
- **MR P BALAKRISHNAN NAIR, FIE – F-0170765-MC**
- **MR P SURYA PRAKASH, FIE – F-1201383-CV**
- **PROF (DR) P UDHAYA KUMAR, FIE – F-1213586-MC**
- **MR PARAMANANDA SARKAR, FIE – F-1153389-EL**
- **MR R R TANWAR, FIE – F-0155620-EL**

- **DR R VENKATESAN, FIE – F-1118397-MC**
- **DR RAGHUPATRUNI BHIMA RAO, FIE – F-1061670-CH**
- **MR RAJBIR SINGH MALIK, FIE – F-1214183-MC**
- **DR RAJU BASAK, FIE – F-1289698-EL**
- **MR RAKESH KUMAR RATHORE, FIE – F-1148032-CV**
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- **DR S M GOEL, FIE – F-0047178-CV**
- **PROF (DR) S RAMESH, FIE – F-1155772-PR**
- **DR S THIROUGNANAME, FIE – F-1293585-CV**
- **DR SADHAN CHANDRA RAY, FIE – F-0170034-TX**
- **PROF (DR) SAIBAL CHATTERJEE, FIE – F-1221279-EL**
- **MR SAJJAN SINGH YADAV, FIE – F-1206253-MC**
- **MR SAMIR DILIP KOTHARI, FIE – F-1263451-MC**
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- **MR SANJAY SEN, FIE – F-1085014-EN**
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- **MR SAT PAL SINGH, FIE – F-1237663-EL**
- **MR SATISH CHANDRA GUPTA, FIE – F-0100117-CH**
- **MR SATISH SAMBHAJI RAIPURE, FIE – F-1268003-CV**

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- **MR SATYA PRAKASH, FIE – F-1286095-CV**
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- **PROF (DR) MS SHILPA TRIPATHI, FIE – F-1173509-CH**
- **MR SUBHASH JAYANTILAL GHELANI, FIE – F-1251542-CH**
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- **MR SUKHVIR SINGH MUNDI, FIE – F-1218537-CV**
- **DR SURYAWANSHI SHIWANAND ROHIDAS, FIE – F-1260754-CV**
- **MR SWAMIKANTA SINGH L, FIE – F-1172537-CV**
- **MS T SHANTHI, FIE – F-1301264-ET**
- **DR THANGARAJ K, FIE – F-1296791-CP**
- **DR V KARTHIKEYAN, FIE – F-1134791-EN**
- **MR VASANT DATTATRAYA PANDARKAR, FIE – F-1182893-AG**
- **MR VELAYUDHAN NAIR G, FIE – F-1281476-CV**
- **DR VENKITAKRISHNAN P V, FIE – F-1118664-AS**

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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.

The Institution of Engineers (India) as a pioneer body has been conducting Sections A & B Examinations popularly known as AMIE, successful completion of which is recognized as equivalent to a degree in engineering by the Government of India, the Union Public Service Commission, the State Governments and many Public / Private Sector organizations in the country.

Ever since its inception, IEI has been the forerunner in setting up national standards for promoting the country's industrial base which culminated on the formation of the Indian Standard Institution (ISI), now called as Bureau of Indian Standards (BIS). IEI, in collaboration with Springer Nature Pvt. Ltd., regularly publishes peer-reviewed international journals in five Series, covering fifteen engineering disciplines.

IEI issues membership certification to the eligible engineers, technologists and scientists. Chartered Engineer, Professional Engineer and International Professional Engineer certifications in various disciplines of engineering are also issued by this Institution.

During Indian Engineering Congress, National Conventions, Engineers' Day, recognitions and awards are conferred upon the distinguished engineers in recognition of their contributions in the engineering domain.

The Institution maintains a panel of highly qualified and well experienced Arbitrators having technical and professional engineering competence covering 15 core engineering disciplines from amongst its Fellow members who are attached to 124 State and Local Centres of the Institution located all over the country. IEI awards a certificate to the empanelled arbitrators in recognition of their expertise in the field of arbitration. The Institution appoints arbitrator from its panel of arbitrators in various disputes that arise by and between the parties during execution of works / supplies contracts.

The State / Local Centres of IEI spread across the country do organise technical activities and provide platform to the stakeholders, technocrats, policy makers and others to share their expertise to benefit the engineering fraternity.

