



Theme :

**Next-Gen Quality System
for India :
Digital, Green and
Human-Centric
Engineering for
National Excellence**

5TH

**NATIONAL
QUALITY
CONVENTION**

May 1-2, 2026

Venue

**J.C. Bose University of Science & Technology, YMCA
Faridabad, Haryana**

Organiser

Safety and Quality Forum - IEI

Co-organiser

**Faridabad Local Centre
The Institution of Engineers (India)**

In Association with

**Department of Electronics Engineering
J.C. Bose University of Science & Technology, YMCA
Faridabad, Haryana**

!! Hurry !!
**Quality Innovation Award
2026**
Last Date : March 31, 2026



ABOUT THE INSTITUTION OF ENGINEERS (INDIA)



The Institution of Engineers (India), or IEI, is the largest multidisciplinary professional body encompassing 15 engineering disciplines and providing engineers with a global platform to share professional interests. IEI has a membership strength of over 2.5 Lakhs. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata-700020, IEI has served the engineering fraternity for over ten decades. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to receive this honor. Today, its quest for professional excellence has earned it a place of pride in almost every prestigious and relevant organization worldwide. IEI operates among professional engineers, academicians, and research workers. It provides a vast array of technical, professional, and supporting services to the government, industries, academia, and the engineering fraternity, operating from 124 centers located across the country.

IEI has been recognized as a Scientific and Industrial Research Organization (SIRO) by the Ministry of Science and Technology, Government of India. It provides Grant-in-Aid to undergraduate, postgraduate, and PhD students of engineering institutes and universities. IEI maintains the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The Institution also grants the Professional Engineers (PE) Certification.

ABOUT THE ORGANISERS

Safety and Quality Forum



As the country embarked on fast growth path at the turn of the millennium, The Institution of Engineers (India) visualized the tools, and methodologies to support national programme. One important element was safety in large infrastructure projects, manufacturing, service sector and management of disasters - natural and manmade.

Safety and Quality Forum (SQF) aims to promote and propagate various aspects of Safety and Quality in different engineering sectors, through networking mechanism. Besides facilitating exchange of ideas and opinions pertaining to safety and quality, it endeavors to promote awareness about them in engineering operations; assist government and municipal bodies in framing and forcing rules and codes for safety and quality management systems; develop courses, syllabi and course materials for Safety Engineering, Quality Management and Reliability Engineering; organize seminars, conferences and workshops; and collaborate with educational institutions and industry to promote the concept of quality and safety. Its head office is based at the IEI - DSC

Faridabad Local Centre, IEI



Faridabad Local Centre started its operation on 25th Nov. 2009. Operating from 2nd Floor Bank Building, J.C. Bose University of Science & Technology (YMCA) Faridabad, Local Centre

has more than 2700 engineers as corporate members registered with it. In the year 2024, the centre has been recognized as Council Member. With Faridabad and Gurugram major industrial hubs under the geographical jurisdiction of the centre, it is bound to attract more engineers and serve large engineering fraternity. For further details, please visit: www.ieifbdlc.in.

J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana



J.C. Bose University of Science and Technology, YMCA, Faridabad (formerly YMCA University of Science and Technology) was established in 2009 by Haryana State Legislative Act No. 21 of 2009 and Haryana Government Gazette Notification No. 29 of 2009, dated 16.9.2009. Before the University came into existence, it had a humble beginning in 1969 as YMCA Institute of Engineering with an intake of 120 students. It was an Indo-German Project – a Joint Venture of the State Government (erstwhile Punjab) and National Council of YMCAs of India with active assistance from overseas Agencies of West Germany. The Institute was started with the aim to impart technical education to a developing India on German pattern and to produce highly practical oriented personnel in specialized fields of engineering to meet specific technical manpower requirements of industries.

The YMCAIE was upgraded to the University by the Legislative Act 21 of 2009. The UGC granted the 12(B) status to the University in the Year 2012 enabling it to receive grants from UGC. The University accredited by NAAC with 'A+' Grade in the first circle of accreditation in the year 2016. In 2017, it got the status to grant affiliation to the Engineering Colleges situated in district Palwal and Faridabad. In 2018, the University was named after the great scientist Jagadish Chandra Bose by the State Government vide a notification dated 11.10.2018 (Haryana Legislative Act No. 29 of 2018).

At present, the University offers B.Tech & M.Tech degree in many disciplines. Besides, it is offering Science, Management and Arts courses at UG and PG level. The present campus of the University is situated on National Highway-2, Mathura Road, 30 km from National Capital, Delhi.

Electronics Engineering Department

Electronics Engineering Department started in 1969 and is conducting three B.Tech. Courses in Electronics Engineering with specialization in IoT, Electronics & Communication Engineering and Electronics & Computer Engineering. Students are admitted through centralized counseling nominated by state govt. in 1st Year and 2nd year through lateral entry entrance test. Besides under graduate degree courses, it is also running two M.Tech. Courses in VLSI Design and Electronics & Communication Engineering. Department of Electronics Engineering is also running Ph.D. Programme. All courses are duly approved by AICTE/UGC.

THEME RATIONALE

India's transformation into a globally competitive and technologically advanced nation is being driven by large-scale infrastructure development, expansion of manufacturing and MSMEs, energy transition, digital governance, and innovation-led progress. In this changing environment, quality must evolve from traditional compliance-based approaches to next generation quality systems that are intelligent, integrated, and people-centric.

Next-Gen Quality Systems combine digital technologies, artificial intelligence, automation, and data-driven decision-making with environmental responsibility, ethical practices, and human well-being. Such systems enable engineering organizations and institutions to deliver reliable, efficient, and globally benchmarked outcomes across electrical, mechanical, civil, electronics, computer, chemical, instrumentation, energy, environmental, and allied engineering domains.

India's national priorities-reliable power and energy systems, modern infrastructure, globally competitive manufacturing, climate-conscious engineering, sustainable agriculture, accessible healthcare, quality education, and transparent governance-demand coordinated contributions from multiple engineering disciplines operating within robust quality frameworks.

In this context, Quality becomes a strategic enabler of national excellence by strengthening system reliability, improving efficiency, fostering innovation, and building public trust. The National Quality Movement, reinforced through next-generation quality practices, plays a critical role in nurturing a culture of continuous improvement, professional ethics, and engineering leadership across industry, academia, governance, and society.

This Convention aims to provide a national platform for engineers, academicians, industry leaders, policymakers, MSMEs, and students to deliberate on emerging quality paradigms, share best practices, and shape future-ready engineering systems aligned with India's aspirations.

THEME

Next-Gen Quality System for India : Digital, Green and Human-Centric Engineering for National Excellence.

SUB-THEMES

- Next-Generation Quality Systems for Economic and Engineering Excellence
- Quality in Electrical, Power and Energy Systems
- Digital Technologies, Artificial Intelligence and Automation in Quality Engineering
- Green Quality Systems for Climate Action and Environmental Responsibility
- Quality Practices for Manufacturing and Process Industries
- Quality in Infrastructure, Transportation and Urban Engineering Systems
- Quality Frameworks for Innovation and Emerging Technologies

Quality Innovation Award 2026

Outstanding Government Organisations, PSUs, Private Sector businesses/industries and NGOs will be conferred with the 'Quality Innovation Award' for the initiatives undertaken for introducing concepts of awareness and culture in operations in the field of Quality Management System. Interested companies can download the application form from website : www.sqfie.in.

- Quality in Agriculture, Water and Rural Engineering Systems
- Quality Practices for Resource Optimisation and Circular Economy
- Quality Standards for Healthcare, Education and Governance Systems
- Quality Governance and Alignment with Sustainable Development Goals
- Empowering MSMEs through Next-Gen Engineering Quality Initiatives

BENEFITS FOR PARTICIPANTS

Understanding on :

- Understanding the importance of enhancing productivity.
- How to analyze the "actual" reasons why desired outcomes are not met.
- Cost analysis techniques.
- Eliminating wasteful activities.
- Improving quality through personal diligence.
- Root cause analysis and taking appropriate action.
- Advantages of cost reduction.
- Cost of good quality.
- Internal failure costs and external failure costs.
- Failure costs of poor quality.
- Quality improvement initiatives.
- Understanding of people vs. process issues.
- Implementing appropriate activities to enhance productivity.

WHO SHOULD ATTEND ?

- Business Heads, Operation Heads & Senior Management Business Heads, Plant Heads. Operation Heads & Senior Management Officers.
- Department Head - Quality Assurance, Quality Control.
- Research Scholar.
- Quality Engineers.
- Professional Organisations.
- Policymakers & Government Officials.
- Certification System Experts.

DATE

May 1-2, 2026

VENUE

J.C. Bose University of Science and Technology, YMCA
Faridabad, Haryana

CALL FOR PAPERS

| | |
|---------------------|----------------|
| Submission of Paper | April 10, 2026 |
| Acceptance of Paper | April 15, 2026 |

GUIDELINES FOR SUBMISSION OF PAPER

Full length paper, having abstract, keywords and references, may be submitted for assessment of the Technical Committee. The paper should be prepared on an A-4 size sheet with a margin of 1.5 cm on all sides. Paper should be in MS Word format in 10 points New Times Roman typed and single line spacing. Length of the paper is requested to be up to 6-pages. On acceptance of the Paper, the author sending a longer paper will be requested to edit, otherwise the technical committee will exercise its right to edit.

Paper is to be sent in soft copy through email. An undertaking has to be sent that the paper has not been published/presented/submitted elsewhere. Papers depicting the advancement in theory and practice of managing Quality issues will be preferred.

PARTICIPATION FEES

| | |
|---|-------------------|
| Indian Delegate | Rs. 2,000/- each* |
| Sponsored Delegate from Industry/Research organisation | Rs. 3,000/- |
| Students & Sponsored delegates from Education Institution | Rs. 1,000/- |

*Plus GST as applicable @ 18%.

- 50% discount to members of IEI.

REGISTRATION FEE INCLUDES

- Participation in all Sessions of the Convention.
- Delegate Kit.
- Opening & Closing Ceremonies (Spouses will be invited guests).
- Buffet Lunch and Tea/Coffee on all Convention Days.

REGISTRATION FOR THE CONVENTION

Complete the Registration Form in capital letters (preferably typewritten) and submit along with the Registration Fee to the Convention Secretariat. Application Form can be downloaded from website : www.sqfiee.in

AWARD APPLICANT COMPLIMENTARY REGISTRATION

Every Quality Innovation Award applicant organization will be offered one complimentary participant for the convention, with full facilities of registered delegate.

SPONSORSHIP OPTIONS

| Category | Amount |
|------------------|--|
| Diamond Sponsor | Rs. 5.0 lacs (10 Delegates Complementary) |
| Platinum Sponsor | Rs. 3.0 lacs (6 Delegates Complementary) |
| Gold Sponsor | Rs. 2.0 lacs (4 Delegates Complementary) |
| Silver Sponsor | Rs. 1.0 lac (2 Delegates Complementary) |

PAYMENT

Payments for Delegate Fees, Exhibition, Advertisement & Sponsorship will be accepted through NEFT/RTGS/ Online transfer / Bank Draft / Banker's Cheque to be made in favour of "The Institution of Engineers (India), Faridabad Local Centre. Bank Account No.: 146601000016741, IOB, YMCA, Sector -6, Faridabad, Bank Branch (MICR) Code : 110020044, IFSC Code: IOBA0001466, PAN No. : AAATT3439Q, GST No. : 06AAATT3439Q2ZX.

Contact for further enquiry :

Shri Pramod Kumar
Director, SQF-IEI
Mobile : +91-9910092449

Prof. (Dr.) Pradeep Kumar Dimri, FIE
Organising Secretary
Mobile : +91-9968433183

SAFETY AND QUALITY FORUM The Institution of Engineers (India)

"Engineers Bhawan", 2, Bahadurshah Zafar Marg, New Delhi-110002
E-mail : sqfdelhi1@gmail.com, dga232@gmail.com • Website : www.sqfiee.in

Convention Secretariat :

The Institution of Engineers (India) FARIDABAD LOCAL CENTRE

C/o YMCA University of Science & Technology, 2nd Floor, Bank Building, Mathura Road, Faridabad Haryana 121006
Phone : 0129-2245008 • E-mail : faridabadlc@ieindia.org, info@ieifbdlc.in, ieifbdlc@gmail.com



5th National Quality Convention

May 1-2, 2026



REGISTRATION FORM

Please type or print in Block Letters

Name Prof/Dr/Mr/Mrs/Ms

Designation

Company/Organisation

Mailing Address

Phone Fax E-mail

Details of Additional Participants (Name, Position) etc.

i)

ii)

iii)

My interest is in (Tick as applicable)

Participation Submission of Paper Sponsorship Advertisement

IEI Membership No. with Engg. Branch (if applicable) F/M/AM

Payment Details (for Registration Fee only)

NEFT/RTGS/Online transfer/Bank Draft/Banker's Cheque to be made in favour of NEFT/RTGS/ Online transfer / Bank Draft / Banker's Cheque to be made in favour of "The Institution of Engineers (India), Faridabad Local Centre. Bank Account No.: 146601000016741, IOB, YMCA, Sector -6, Faridabad, Bank Branch (MICR) Code : 110020044, IFSC Code: IOBA0001466, PAN No. : AAATT3439Q, GST No. : 06AAATT3439Q2ZX.

Bank Draft No. Dated Bank Name

..... Amount

The Institution of Engineers (India) FARIDABAD LOCAL CENTRE

C/o. YMCA University of Science & Technology
2nd Floor, Bank Building, Mathura Road, Faridabad Haryana 121006
Phone : 0129-2245008 • E-mail : faridabadlc@ieindia.org, info@ieifbdlc.in, ieifbdlc@gmail.com

(You may also use photocopy for multiple forms)