



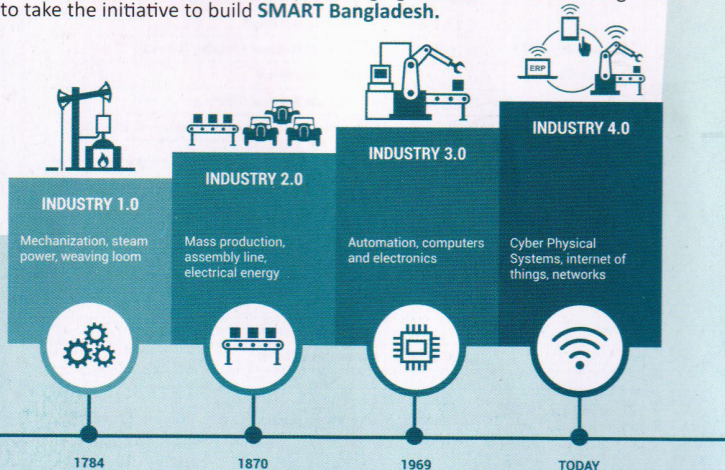
"Innovative Engineering in the 4th Industrial Revolution"

We are on the shores of the Fourth Industrial and Technological Revolutions that will fundamentally change how we live, work and interact. This transformation will be unlike anything humanity has ever experienced in its scale, scope and complexity.

During the first industrial revolution, the exploitation of steam technology and hydraulic power to mechanise production processes led to changes in the initial mindset of people. Manufacturing assembly lines became massive with the invention of electricity during the second industrial revolution. The technical innovations of the third industrial revolution brought tremendous changes in humankind's way of life with the creation of electronics, computers, communication technology, programmable logic controllers, information and robots. The labour-intensive industries that emerged from the first industrial revolution were eliminated by the advent of these innovative breakthroughs, while knowledge-based industries became dominant.

The transformation of the Fourth Industrial Revolution is unprecedented and will impact human beings on an unimaginable scale. Emerging technologies such as 5G, Artificial Intelligence, the Internet of Things, 3D Printing, Robotics, Cloud Computing, Big Data Analytics, Blockchain, Nanotechnology and Virtual Reality are setting new standards for our future lives and technological activities. New machines including cars are becoming intelligent, autonomous and self-driving like knowledge centres. Sixth-sense technology permeates the digital world through human access. Changes in activity in construction, electrical machinery, textile and agricultural engineering, and all areas of business are disruptive and require rethinking and a fresh start. Job-centric activities are carried out through process transformation under automation and applied knowledge. Engineering activities and companies experience abrupt change through innovation and commercialisation principles instead of capital. Centuries of stable administrative rules are becoming obsolete and new ones are being rebuilt.

To meet the new changes, in 2009, the Government of the People's Republic of Bangladesh embarked on the world's first implementation of the 4th Industrial Revolution with the initiative of 'Digital Bangladesh'. Bangladesh is transforming by implementing various projects such as Hi-Tech Park, ICT Utilisation, NID and InfoSarker. Government projects aim to promote the development of new technologies in all engineering and business management areas. The 60th IEB Conference seminars and activities allow us to understand the needs of today's emerging world and motivate engineers to take the initiative to build **SMART Bangladesh**.



"৬০তম কনভেনশন"

আইইবি'র আজীবন সদস্য জাতির পিতা
বঙ্গবন্ধু শেখ মুজিবুর রহমান- এর নামে

উৎসর্গিত



60th Annual Convention

৬০তম কনভেনশন

Registration Form



The Institution of Engineers, Bangladesh
Host Centre : Dhaka



60th CONVENTION

Dear Engineers,
We are pleased to inform you that the 60th Convention of The Institution of Engineers, Bangladesh (IEB) hosted by Dhaka Centre will be held in Dhaka from **23 to 28 February 2023**. The Chairman and Council of Dhaka Center sincerely welcome you along with your spouse and family members to attend the conference and participate in the formulation of new emerging engineering principles for the future.

The **Honourable Prime Minister** of the Government of the People's Republic of Bangladesh will **Inaugurate** the ceremony on **25 February 2023** and the **Honourable Opposition Leader of the Parliament** will extant the **Closing Ceremony** on **27 February 2023** as the **Chief Guest**.

Launched in 2009, Digital Bangladesh has played a vital role in transforming Bangladesh into a leading global economic growth enterprise. Establishment and progress of knowledge industry, Padma Bridge, Metrorail, Expressway, Bangabandhu Expressway, Bangabandhu Tunnel, Rooppur Nuclear Power Plant, Bangabandhu Satellite 1, Shahjalal International Airport Terminal 3, Hi-Tech Park, Payra Bridge, Modumati Bridge, Nation and Young Entrepreneurship are some of the government's leading visionary initiatives for sustainable development. The use of information, computer, and communication technologies created new technological development fields in the Fourth Industrial Revolution. Engineers are rethinking using these technologies to develop products, methods, and processes. With the idea of Building an Innovative Future, the theme of the 60th IEB Conference is set to "Innovative Engineering in the 4th Industrial Revolution", and the theme of the National Seminar is set to "Fourth Industrial Revolution: Preparedness in Society and Industry".

The convention creates a unique opportunity for IEB members to share and exchange worldwide views and ideas on technological development progress which leads towards **SMART Bangladesh**. Family participation is a chance to build expanded socialism and engage in entertainment. Besides the institution's 64th Annual General Meeting, convention activities include National Seminars, Technical Sessions, Commemorative Lectures, IEB Awards and Convention Night. Many dignitaries and representatives from home and abroad are expected to attend the convention.

We hope that your active participation will make the convention a success. The registration form is attached herewith for your ready reference.

The registration deadline is on **10 February 2023**.

Cordially yours,

Engr. Kazi Khairul Bashar, F-7788
Honorary Secretary, IEB, Dhaka Centre
&

Member-Secretary, Convention Preparatory Committee, 60th Convention, IEB



CONVENTION PROGRAM

Venue: IEB, Ramna, Dhaka

Date	Time	Programme
23 February 2023 Thursday	10:00 - 19:00	Registration Materials Distribution (Registered Members only)
	14:00 - 16:00	Student's Programme
	16:00 - 16:30	Inauguration of Exhibition
	16:30 - 17:00	Inauguration of Meena Bazar (Organized by IEB Mohila Committee)
	17:00 - 19:00	Children's Programme (Organized by IEB Mohila Committee)
	17:00 - 19:00	Reception of Shaheed Engineers Family
24 February 2023 Friday	10:00 - 21:00	Registration Materials Distribution (Registered Members only)
	10:00 - 11:30	Central Council Meeting
	11:30 - 12:30	Press Conference
	12:30 - 14:00	Prayer & Lunch Break
	14:30 - 16:00	Dr. Jamilur Reza Choudhury Memorial Lecture
	16:00 - 16:15	Prayer & Tea Break
	16:15 - 17:45	Shaheed Engineers Memorial Lecture
	17:45 - 18:00	Prayer & Tea Break
	18:15 - 20:15	Cultural Evening (Organized by IEB Mohila Committee)
25 February 2023 Saturday	08:00 - 10:00	Guests to take their seat
	10:30	Arrival of Honorable Chief Guest
	10:30 - 12:00	Inaugural Ceremony
	12:00 - 12:30	Refreshment & Exchange of greetings
	12:30 - 14:30	Prayer & Lunch Break
	14:30 - 16:00	Dr. Engr. M.A. Rashid Memorial Lecture
	16:15 - 16:30	Prayer & Tea Break
	16:30 - 18:00	Engr. M.A. Jabbar Memorial Lecture
	18:00 - 18:15	Prayer & Tea Break
	18:30 - 21:30	Convention Night
26 February 2023 Sunday	09:30 - 10:30	Inauguration of National Seminar
	10:30 - 13:15	64 th Annual General Meeting
	13:15 - 14:15	Prayer & Lunch Break
	14:15 - 17:00	64 th Annual General Meeting (Contd.)
	17:00 - 17:30	Prayer & Tea Break
	17:30 - 18:30	64 th Annual General Meeting
	19:00 - 20:30	Reception for the Foreign Delegates & Dinner
27 February 2023 Monday	10:00 - 11:30	National Seminar : 1 st Session
	11:30 - 11:45	Tea Break
	11:45 - 13:15	National Seminar : 2 nd Session
	13:15 - 14:00	Prayer & Lunch Break
	14:00 - 15:15	National Seminar : Concluding Session
	15:15 - 15:30	Tea Break
	15:30 - 17:00	Closing Ceremony
	19:00 - 21:00	Convention Dinner
28 February 2023 Tuesday	08:00 - 18:00	Tour Programme