INDIAN BUILDINGS CONGRESS

NATIONAL SEMINAR

ON

INNOVATIVE CONSTRUCTION MATERIALS AND TECHNOLOGIES FOR SUSTAINABLE BUILT ENVIRONMENT

&

206th EXECUTIVE COUNCIL MEETING OF IBC

on 5TH & 6sTH December 2026

Hosted

By

Indian Buildings Congress

West Bengal State Centre

(In association with Public Works Department, Government of West Bengal and others)

Venue :

SMART CONNECT

A UNIT OF WBHIDCO

PLOT NO.IIE/5, AA-IIE, Biswa Bangla Sarani, NEWTOWN, KOLKATA-700156



Indian Buildings Congress

Flag bearer in Built Environment

Indian Buildings Congress (IBC) was founded on 1st September 1992, and registered as a Society on 29th March 1993, with its headquarters at New Delhi. The Vision of the Organization is to create a Built Environment, which is affordable, aesthetic, eco-friendly, cost effective & competitive, technology driven and conducive to healthy life, meeting the needs of Indian population.

To meet its objectives, IBC is striving continuously to bring all professionals connected with built environment on a single platform to form collective opinion on subjects related to Building Industry and present for consideration of the Government. Over 7300 individual members and over 108 Institutional Members both in the Public and Private Sector, are members of IBC.

IBC organizes technical lecture programs/Seminars/ Workshops/Training programs and field level training programs in various States. IBC is always supporting the Union Government & State Governments in technological development and capacity building.

IBC conducts quarterly COUNCIL MEETING in different cities of the country, being hosted by its one of the state center. Along with this meeting, a National Seminar is also conducted to deliberate on the matters on contemporary Topics, attended by eminent experts, engineers and architects a cross India.

Building the Next Era

The 21st century demands housing solutions that are not only affordable and resilient but also environmentally sustainable. Innovative and emerging materials and technologies, such as green buildings, recycled construction materials, prefabricated and precast constructions ,smart building systems, energy-efficient designs, renewable energy integration, earthquake resistant and advanced construction techniques are transforming the housing sector. These advancements help reduce carbon emissions, conserve natural resources, improve energy efficiency, enhance occupant comfort, and lower lifecycle costs. By promoting sustainable housing practices, these technologies contribute to climate resilience, healthier living environments, and the development of smart, future-ready communities that support long-term social, economic, and environmental well-being.

Rapid urbanization, population growth, climate change and increasing pressure on natural resources have created unprecedented challenges for the Built Environment worldwide. The construction sector is one of the largest consumers of energy, water, and raw materials and is responsible for a significant share of global greenhouse gas emissions. In this context, sustainable housing has emerged as a critical component of achieving environmental sustainability, economic efficiency, and social well-being

The 21st century has witnessed remarkable advancements in construction materials, digital technologies, and building management systems that are transforming the way habitations are designed, constructed, operated, and maintained. Innovative materials with lower carbon footprints, coupled with smart technologies (prefabricated buildings) and resilient design approaches, are enabling the development of Built Environment that is energy-efficient, resource-conscious, climate-resilient, affordable and sustainable. These advancements support national and global commitments towards sustainable development, carbon neutrality, and resilient habitation growth

This seminar aims to provide a platform for researchers, academicians, policymakers, industry professionals, architects, planners, engineers, and students to deliberate on the latest developments, challenges, and opportunities associated with sustainable habitation. The seminar will explore innovative solutions that can contribute on creating environmentally responsible and technologically advanced housing systems for future generations

Innovative Construction Materials and Technologies for Sustainable Buildings

Sub-Themes

Sustainable and Eco-Friendly Construction Materials

Green concrete, geopolymer concrete, recycled aggregates, alkali activated concrete
Low-carbon cement and bio-based materials.
Timber, bamboo composites

Smart Housing and Digital Technologies

Building Information Modelling (BIM), Internet of Things.
Artificial Intelligence , digital twins, and smart home systems.
Prefabricated buildings

Energy-Efficient and Net-Zero Housing

Passive building design
Renewable energy integration
Energy management systems
Net-zero energy buildings

Climate-Resilient and Disaster-Resistant Housing

Housing solutions for floods, cyclones, earthquakes, heat waves, and other climate-related challenges, with a focus on resilience and adaptability

Affordable and Sustainable Habitation

Resource-efficient construction
Circular economy principles, waste-to-wealth technologies
Low- cost housing and affordable housing innovations
Sustainable habitation development

Your Participation

Type	Fee	Facilities
Principal Sponsor	1,50,000	15 minutes presentation slot in Technical Session, 1 Special Page in Seminar Volume, Mention of name in welcome gate, 3 delegates free
Diamond Sponsor	1,00,000	10 minutes presentation slot in Technical Session, 1 Special Page in Seminar Volume, Mention of name in welcome gate, 2 delegates free
Platinum Sponsor	75,000	8 minutes presentation slot in Technical Session, , 1 Page Advertisement in Seminar volume, Mention of name in welcome gate, 1 delegate free
Gold Sponsor	50,000	5 minutes presentation slot in Technical Session, Mention of name in welcome gate, 1 Page Advertisement in Seminar Volume, 1 delegate free

Event Sponsor

Type	Fee
Lunch (1 day)	1,00,000
Dinner (1 Day)	1,00,000
Delegate Kit	30,000
Cultural /Tour Programme	50,000

Exhibitor

Type	Size	Fee
Stall	2m x 2m	40,000
Standee/ Banner	–	10,000

Advertiser in Souvenir

Type	Fee
Back Cover	50, 000
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Special Page(Color)	30,000
Full page (B/W)	20,000
Half page (B/W)	10,000
Quarter page	5000

Delegates

Type	Fee
Executive Council Members of IBC	500
IBC Members	2000, 500 (local)
Non IBC Member	3, 000, 1000 (local)
Spouces of Executive Council Members	500
Spouses of Others	1,000

Account Name	:	**Indian Buildings Congress WB State Centre**
Account Number.	:	**09020100006738**
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Advertisement Matter to be published in Seminar Volume , shall be in high resolution JPEG/PNG format. For display of Banner/Stande. Advertiser shall be required to arrange by themselves and display in specified area suggested by organizers.

ACCOMMODATION

Accommodation of council members for 5th & 6th Dec 2026 will be arranged free of cost on single bedded rooms. However, a council member coming with a spouse will get a double-bedded room against payment of a shared amount (Rs. 1000/-) per day additionally. Accommodations for other members of IBC and non-member delegates are to be arranged by themselves.

CONTACTS

Prof. Arun Kumar Chakraborty.
Chairman,
+91 9830378138
arun_besu_civil@yahoo.com

Dr. Bhaskar Sengupta
Secretary
+91 9163354650.
bsengupta_rbu@yahoo.com

Er. Biswajit Guha
Vice Chairman
+91 9930492784
biswajitguha10@gmail.com

Er Sanjoy Kr Mukherjee
Treasurer
+91 9830766627
mukherjee.sanjoykumar@gmail.com