



AMEC

BULLETIN

ASSOCIATION OF MULTI-DISCIPLINARY ENGINEERING CONSULTANTS
(REGN. NO. S/IL/21601 of 2004-05)

January - June, 2025

Kolkata

Vol. - I / XIX

Let noble thoughts come to us from every side - Rig Veda



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FROM THE DESK OF CHAIRMAN

Rapid Transit

Our Metro cities today were never planned with the thought of Metropolitan City, to accommodate millions. Most of our cities now branded as Metro, are gradual transformation from small towns. More and more commercial activity in the town attracted people around the vicinity. We know well and afraid too watching migration from village to small town – to tier II town – to cities – to Metros. Overpopulation of Metro cities compel to expand all round almost in unplanned way causing serious problem of transport to reach central area of activity, compelling establishment of Rapid Transit System. Metro Rail is now most urgent necessity almost in all Metros - overground or underground. While doing underground Metro Line, it involves resetting earlier drainage system. Unless it is properly done, it can bring disaster as it happened at Worli Station of Mumbai on 26th May, 2025 because of collapse of water retaining wall during heavy rain. It was Rs. 37,000 crores shiny project of Metro Rail.

Building Mumbai's underground Metro involved resetting the earlier drainage system. Same was the case of Sealdah Esplanade Metro via Bowbazar. What people need to know is whether this has been technically done properly. All underground work like Metro stations are vulnerable to flooding. Whitefield boasts the poshest villas of Bengaluru. It is strange that nothing changed even after these got flooded. Still underground work Basement, Reservoirs, deep Sewage Treatment Plant, Metros, multiple subways can't be avoided when our metropolises were never planned to accommodate the millions they do now – with more on the way. We Technologists must face the challenge – Nation looks at us.

Our pride - Metro under Ganges.

**Amal Biswas
Chairman**

Srinagar is now connected by Rail.

Built at a cost of around Rs. 44,000 crore, including a parallel highway, the 272 km rail route has 36 tunnels and 943 bridges, including the world's highest, the Chenab Bridge.

The rail route promises all-weather connectivity, slashing the 800 km Delhi – Srinagar journey to under 13 hours.

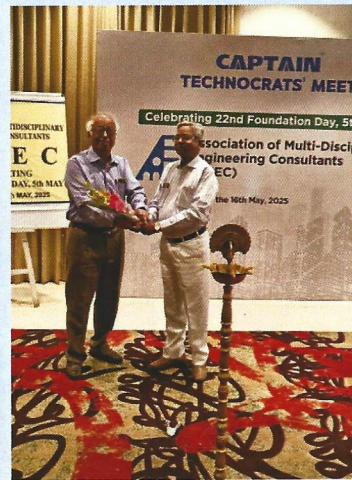
This is not just a story of steel tracks, concrete arches and staggering statistics. Udampur Srinagar Baramulla Rail Link is an odyssey of workers and officials fighting the elements, braving the threat of guns and enduring separation from their families to finally “connect” Kashmir to the rest of India.



22ND FOUNDATION DAY



Chairman, Er. Amal Biswas, in his welcome address stressed upon the achievement in eliminating misunderstanding between Practicing Architects and Civil Engineers. Now Architect can have Limited Company with Engineer as Director. He also pointed out that such Association with combination of Practicing Architects and Practicing Engineers will not be found anywhere in India. Professionals of all disciplines may join this Association to create a larger umbrella nationwide. It has potential of expansion like Chamber of Commerce.



Er. Pradyumna Sharma, National Head – Technical Services of Captain Steel India Ltd. explained how their company came out with steel product having more Earthquake Resistance capacity and Rustguard Steel resisting infection of rust in moist atmosphere.



Dr. Sanjib Nag, Professor and former Head of Department of Architecture, Jadavpur University being felicitated



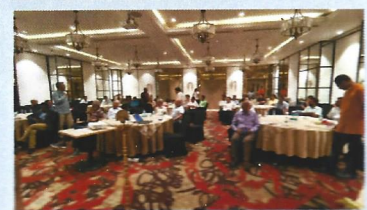
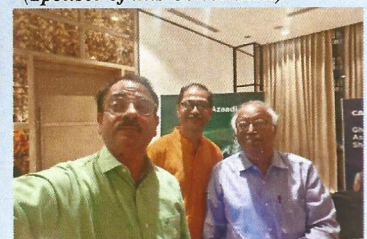
Lighting the Lamp.



*Team Captain Steel
(Sponsor of this Celebration)*

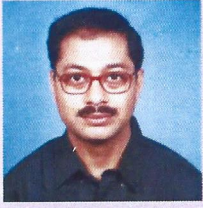


Dr. Sanjib Nag speaking on the occasion.



INDIAN KNOWLEDGE SYSTEM

Prof. Dr. Sanjib Nag



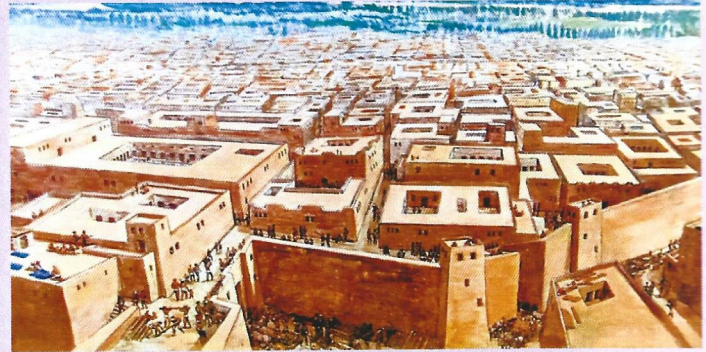
The title of the presentation was Indian Knowledge System (IKS) : Re Viewing Bharatiya Architecture (BA) - Importance Of Traditional Indian Architecture With Respect To Traditional World Architecture.

The presentation started with Content, which consisted of 5 parts, namely Introduction, Relevance, Salient Features, Examples and Conclusions.

The Introduction consisted of 3 parts, namely defining the key words, like IKS and BA, as well as, outlining the actual time line of BA.

In this context, it was especially mentioned that, BA refers to architectural processes and architectural products, broadly encompassing architecture design, urban design & urban planning.

The Relevance consisted of 2 parts, namely signifying the importance of the key words, like IKS and BA. In this context, it was especially mentioned that, BA relates to Vaastu Kala, one of the most important of 64 Kalas and has been bestowed complete divinity, by calling it a Sastra.



The Salient Features consisted of 2 parts, namely characterizing the key words, like IKS and BA, in terms of 5 main aspects, namely Tenure, Style, Scale, Materials and Constructions.



The Examples consisted of 3 parts, namely describing the important specimens of 4 phases of BA, like Indus / Saraswati River Valley Civilization, Early Vedic Civilization, Buddhist Civilization and Later Vedic Civilization, then establishing their qualitative supremacy through comparative analysis, with respect to similar Traditional World Architecture (TWA) and then identifying 7 specific specimens from BA, which can be recognized as 7 Wonders, like Kailash Temple, Brihadeshwara Temple, Lingaraja Temple, Konark Sun Temple, Virupaksha

Temple, Vitthala Temple and Padmanabhaswami Temple.

The presentation ended with Conclusion, which consisted of 1 part, namely identifying 5 possible priority actions, namely highlighting Self Enlightenment, Societal Enlightenment, Academic Enlightenment, Economic Enlightenment and National Enlightenment.

The above presentation as Chief Guest, was a part of the occasion of celebrating 22nd Foundation Day of Association Of Multidisciplinary Engineering Consultants (AMEC), held on 16.05.2025

Snaps :

NKDA launches 24 hour Free Ambulance Service in New Town for the residents of New Town. People can avail the service by calling the toll free NKDA helpline number at 1800 103 7652. The authorities have put up the helpline number along with the contact number of the Ambulance driver on the NKDA website. - Thanks, NKDA

“Stop Operation” notice has been served to Restaurants, Bars and Cafes running from roof top in New Town and Sector-V. - Bold Step.

Bidhannagar and NKDA appeal to be kind to Planet Earth by

Segregate Waste

Enable Recycling.

Let us pledge for a Green Future.

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Where Texture
meets trend





DESIGN NO :
10226 FW
DESIGN NAME :
WHITE ALAND PINE

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PRIVATE CIRCULATION

Printer: Everest Print Pack, 93/1, Baithakkhana Road, Kolkata -700009. Publisher: Association of Multi-disciplinary Engineering Consultants,
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E-mail : amec_india@yahoo.com, Website : www.amecindia.in