



BUILT ENVIRONMENT

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Architect, New Delhi
Mb: 98113 40093

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Er. C. Debnath
President

INDIAN BUILDINGS CONGRESS

Legacy of Trust

Sector-VI, Kama Koti Marg, R. K. Puram,
New Delhi - 110022



President, Indian Buildings Congress

MESSAGE

It gives me immense pleasure to extend my warm greetings to all our esteemed members, Professionals, and stake holders through this quarterly issue of Built Environment. We are conducting technical activity throughout the year & our next technical programme is on "High Rise Buildings"

Due to limited land and increasing population the cities expand vertically. The high-rise buildings provide fundamental solutions to such growing needs of urbanisation of efficiently maximising space for parking, commercial and retail. These towering structures accommodate more residents and offer numerous advantages, such as optimal use of space, improved infrastructure, and reduced commute times due to their centralised locations.

The surge in high-rise buildings is accompanied by advancements in architectural design and technology, ensuring that these structures are aesthetically appealing while being sustainable and energy efficient.

However, it is crucial to balance this growth with careful urban planning and regulation to ensure proper allocation of resources, maintain infrastructure integrity, and preserve the cultural heritage of our cities amidst the soaring skylines. The increasing prominence of high-rise buildings represents both opportunities for economic development and challenges that must be addressed through thoughtful policymaking and sustainable practices.

Since its inception, the Indian Buildings Congress has played a pivotal role in bringing together policymakers, engineers, architects, planners, researchers, and administrators on a common platform to deliberate on issues of national importance related to the built environment.

This issue of Built Environment will be released during the 114th Governing Council meeting along with National Seminar on "High rise buildings" to be held on 25-26th July, 2026 at Chandigarh to be hosted by IBC, Chandigarh Centre & Haryana Centre.

I take this opportunity to place on record my sincere appreciation to the IBC Chandigarh State Centre and Haryana State Centre for their efforts in organizing this important event. I am confident that the technical sessions, presentations, and discussions will be enriching and will lead to actionable outcomes benefiting the construction sector at large.

I wish the 114th Governing Council Meeting and the National Seminar every success and hope that the Built Environment brought out during this occasion will serve as a useful reference and a lasting record of the collective wisdom shared during the event.

With warm regards,

Er. C. Debnath
Indian Buildings Congress

Kama Koti Marg, Sector-VI, R.K. Puram, New Delhi-110022

Phone: 011-26169531, 26170197, Email: info@ibc.org.in, indianbldgscongress@gmail.com, Website: www.ibc.org.in

From Editor's Desk

"Time is the scarcest resource and unless it is managed, nothing else can be managed"

– Peter Drucker

The above dictum is true for all infrastructure projects, in which time is a rare, precious, and unique resource. Lost time cannot be gained in projects. Built environment projects involve manifold components and complex micro-components, challenges, and risks, many of them unique to site, functional, and operational requirements. Timely delivery of these projects is crucial for nation's needs for healthcare, education, livelihoods, industrial development, environmental protection, energy efficiency, and most of all, disaster-resilience.

Against this backdrop, the current quarter's theme "Schedule and Time" rightly reinforces the earlier themes of "Safety and standards and Quality".

Systemic schedule overruns remain a persistent structural bottleneck within the Indian building sector today, compounding financial costs and deferring vital asset utility. As highlighted by us in earlier issues, there is an urgency for a comprehensive, multidisciplinary paradigm shift for contemporary project delivery in sync with today's technological options and tools.

Distinct shift from the conventional reactive tracking systems, the current thrust calls for a predictive execution matrix built on rigorous Front-End Engineering Design (FEED), brand-explicit MEP specifications to conform to design briefs and operational efficiency and resultant detailed engineering and strict pre-construction workflows. All this points to the high level of transparency and competence in preparation of DPRs, operationalisation of BIM, Lean Construction, and Six Sigma Frameworks to minimise project cycle-time variation.

IBC's significant advocacy role in this area over the last two years has been appreciated across the country. We are committed to continue to engage in areas of Just-in-time operations, high-velocity assembly, off-site modular and precast technology, fuel efficiency in logistics, literally respecting hours for planning than days.

Time dictates success, and managing it strictly minimises cost overruns, prevents disputes, and promotes overall development. It is encouraging to see many Government and Private sector projects being completed on time and reasonably on time.

Broad deliberation and recommendation on these projects will go a long way in achieving our mission through a collaborative approach.


(B.C. Tripathy)

Time Beyond the Clock: Why Schedule Discipline Defines Success in the Built Environment

A Professional Perspective on Schedule and Time Management

P. Surya Prakash

MS (Structures), IITM Chennai

Managing Director, SatyaVani Projects and Consultants Pvt. Ltd.

Introduction

Every building tells two stories. One is visible in its concrete, steel, glass, and finishes. The other is invisible, written through decisions, deadlines, coordination meetings, and countless adjustments made throughout the project's life cycle. That invisible story is time.

In the built environment, schedule and time management have often been treated as technical exercises involving Gantt charts, critical paths, and milestone tracking. Yet, in practice, they represent something far more significant. They determine whether hospitals open when communities need them, whether infrastructure delivers economic value as planned, and whether organizations maintain the trust of their clients and stakeholders.

Despite advances in project management tools, delays continue to affect projects of every scale. Residential developments exceed promised handover dates, public infrastructure projects face extensions, and industrial facilities encounter commissioning setbacks. These delays rarely occur because teams fail to prepare schedules. More often, they arise because the connection between planning and execution weakens over time.

This paper argues that schedule management should be viewed not merely as a control mechanism but as an operational philosophy — one that links planning decisions with execution realities and project outcomes. Through practical examples, field observations, and emerging practices, the discussion demonstrates why time discipline remains one of the most valuable assets in successful project delivery.

Timely Delivery of Projects

Timely delivery is not the result of chance; it is the outcome of deliberate planning, disciplined execution, and continuous monitoring. Each stage of a project, from site investigation to commissioning, must be aligned with the overarching schedule. The following aspects represent the critical foundations that ensure projects are completed on time, within scope, and to the expected quality.

1. **Comprehensive Site Investigation:** A thorough study of the project site and its surroundings is essential. This includes topography, underground utilities, access routes, drainage patterns, geotechnical conditions, geology, and groundwater levels. Early identification of constraints ensures realistic scheduling and prevents unforeseen delays during execution.
2. **Contextual Conceptual Design:** The design must be tailored to site-specific conditions. Aligning conceptual design with environmental, structural, and logistical realities reduces the risk of redesign and ensures smoother transitions from planning to execution.
3. **Detailed Engineering Before Tendering:** Finalizing near-GFC (Good for Construction) drawings prior to technical sanction minimizes ambiguities. Detailed engineering before tendering ensures contractors bid on clear, well-defined scopes, reducing disputes and variations later.
4. **Accountable Consultancy Framework (DEPMC)** Engaging Design, Engineering, and Project Management Consultants (DEPMC) with contractual penalties for deviations in cost, time, or specifications enforces accountability. This framework aligns consultant performance with project outcomes.
5. **Prequalification (PQ) of Contractors:** Mandatory PQ ensures that only contractors with the right technical expertise, financial stability, and resource capacity are selected. This reduces risks of underperformance and strengthens schedule reliability.
6. **Appropriate Construction Technology:** Selecting technology suited to project timelines — whether pre-engineered structures, precast systems, or monolithic construction — is critical. Technology choices must balance speed, quality, and cost efficiency.
7. **Contractual Conditions and Structures:** Contracts should be structured to support timely

delivery. Options such as design-build (DB), lump sum, or technology-neutral contracts can reduce coordination delays and incentivize schedule adherence.

8. **Material Sources and Availability:** Identifying reliable material sources and securing supply chains early prevents bottlenecks. Strategic procurement planning ensures continuity even under market fluctuations.
9. **Dynamic Resource Planning:** Resource allocation must be continuously reviewed and adjusted to meet target completion dates. This includes manpower, equipment, and financial resources, ensuring alignment with evolving project demands.
10. **Plant and Machinery Mobilization:** Planning and deploying plant and machinery before releasing mobilization advances ensures readiness. Early mobilization prevents idle time and accelerates commencement of critical activities.

Case Studies in Timely Project Delivery

1. **Satyam Auditoriums of 3 No's:** 60 days completion from groundbreaking to commissioning. Total pre-engineered structure and false ceiling including flooring. The critical activity is flooring in any auditorium construction and it's the last activity after the false ceiling. Considering the risk of delays its proposed to pre engineer the flooring and the entire flooring completed in two days' time which saved at least 10 days in the schedule.



2. **Palmtech Edible Oil Factory:** 9 months was the target scheduled completion time. The project was completed 6 days ahead of schedule as the first trial production itself produced product without any hiccups and saved the time of DE snagging. Coordination with all vendors and consultants throughout the project implementation with the leadership and ownership of the clients' engineering team helped motivating the team of consultants and vendors. The major risk mitigation plan was to build Storm water drains before commencing site grading as the project commenced construction during monsoon period and it helped overcoming flooding in the initial stages of the project without causing any hindrance.

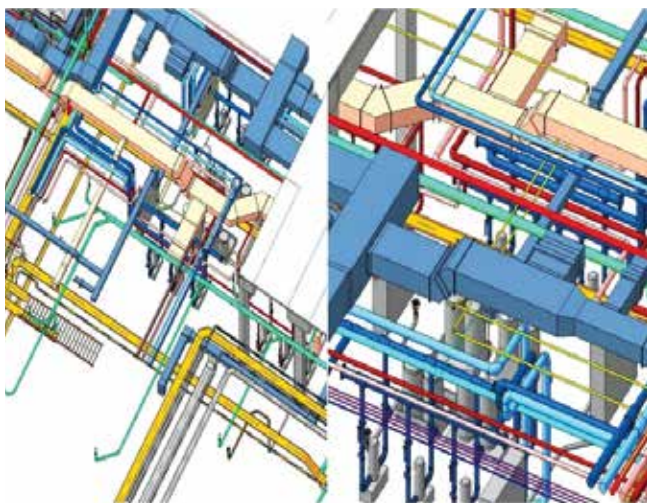


3. **Infrastructure for ALGs multi location:** restricted access INR 900 Cr.: The consultancy was in DEPMC mode with penalty for any variations in the schedule of items or quantities. Also, the



consultant prepared the PQ for the contractors suiting the context of the project and successful in getting the right company by strictly enforcing the mobilisation of the plant and machinery and commissioning before release of the mobilization advance. Also implemented initial filter of PQ by enforcing the current net worth to be positive as many infra companies were cash starved during the period of the project tendering and eliminated the risk of financial shortcomings.

4. **IT towers:** 14 floors 2Mn. Sft INR 950 Cr. 30 months. The contract was design build lump sum by minimising the time delays in coordination of engineering and design. Strict enforcement of coordination by planning resources and 24x7 construction activity with only two breaks of 12 hours for complying with the election time. Project monitored on WhatsApp with 4 groups of activities minute by minute. Decisions taken from time to time to clear any hurdles and decisions taken in acting timely manner.



5. **AP interim government complex secretariat and assembly:** INR. 800 Cr. Completed from Groundbreaking to commissioning in the scheduled time of 6 months. The project engineering was completed in 13 days from the date of identifying the site to complete planning, design and preparation of BOQs and contract documents. The contract was made as Design and Build Lump sum with technology neutral contract conditions and the contract was made in two packages.



6. **Dell facility:** 6 lakh sft Project was completed in the schedule time of 6 months from the groundbreaking to fitout and handing over. The total engineering was done in fifteen days. Then planning of the parking levels was done considering the ground levels and avoiding any rock cutting. Split floor levels were planned. The contract was built to suite including design and the consultants appointed by the EPC contractor. The project was completed though with the challenges in quality.



7. **Dignity homes:** 11 storied 37 towers 3 Mn. Sft in 12 months @Rs. 1285/-per sft. The cost and time were fixed with strict enforcement of LD clause and there were 100,000 units to be built of which the package was 4000 units, As part of the risk mitigation the consultant requested for



the technology neutral tender and the project was implemented with 3 technologies in the same project site viz. conventional frame structure with AAC block masonry, Rigid monolithic construction in wall and slab structure and Precast large panel walls with hollow core slabs. Total number of blocks was 37 which is divided into 15 conventional frame, 8 Rigid monolithic structures and 14 precast concrete blocks. The numbers are decided to optimise the utilization of available resources and cost of technology implementation. The adaptation of the technology helped in mitigating the cost inflation of the traditional materials due to spurt in demand supply gap. Also saved on delays due to any cost increase.

8. **VVIP gallery of E racing:** completed in 30 days concept to commissioning. The main contribution in the project was to check the availability of the steel material with the PEB vendor and utilizing the same sections in the design. Also, the AAC wall panels were used for the speedy completion of the project.



9. **ISB HT residential towers:** 20 storied completed in 20 months IGBC Gold Rated. The project was a good case study of project management implementing all the norms of engineering, method statements, stage passing, daily, weekly, monthly reporting with resource plan and monitoring. Also, the quality management

with CVC norms by maintain and auditing the quality registers. IGBC gold rating also achieved with complete documentation and use of energy efficient and eco-friendly materials.



Conclusion

Schedule and time management remain among the most decisive factors influencing success within the built environment. Yet, delays persist because organizations frequently separate planning from execution and underestimate the human dimensions of project delivery.

This paper has demonstrated that effective schedule management is fundamentally a practical discipline connecting plans, people, and performance. Through field observations and industry practices, it becomes clear that successful outcomes emerge from collaboration, adaptability, disciplined communication, and continuous learning.

Tools such as Primavera, BIM, mobile reporting systems, and predictive technologies provide valuable support. Nevertheless, their effectiveness ultimately depends on organizational culture and leadership commitment. Buildings are constructed through engineering expertise, but projects are delivered through coordinated decisions made every day.

Signature Takeaway

"Schedules do not build projects- People who respect time, adapt to reality, and act with purpose, do"

References

1. Project Management Institute. A Guide to the Project Management Body of Knowledge (PMBOK® Guide), 7th Edition, 2021.
2. Kerzner, H. Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 13th Edition, Wiley, 2022.
3. Ballard, G. The Last Planner System of Production Control, University of Birmingham, 2000.
4. Eastman, C., et al. BIM Handbook: A Guide to Building Information Modeling, Wiley, 2018.
5. Doloi, H., Sawhney, A., Iyer, K.C., and Rentala, S. "Analysing Factors Affecting Delays in Indian Construction Projects," International Journal of Project Management, 30(4), 2012.
6. Ahuja, R., Sawhney, A., and Arif, M. "BIM-Based Conceptual Framework for Construction Projects," Engineering, Construction and Architectural Management, 2014.
7. Love, P.E.D., Edwards, D.J., and Irani, Z. "Moving Beyond Optimism Bias in Infrastructure Projects," IEEE Transactions on Engineering Management, 2012.
8. Koskela, L. An Exploration Towards a Production Theory and Its Application to Construction, VTT Publications, 2000.
9. Bansal, V.K. "Application of GIS in Construction Planning," International Journal of Project Management, 2011.
10. Elghaish, F., et al. "Emerging Digital Technologies for Construction Scheduling," Automation in Construction, 2022.
11. Er. P. Surya Prakash. "Project Delivery Challenges & Project Management Solutions - Case Studies" International Technical Paper of 7th Structural Engineers World Congress (SEWC), Istanbul, Turkey, 2019.
12. Er. Satya Narayana Reddy Y & Er. P Surya Prakash. Technical Paper on "Comparative Study on Conventional, Shear Wall and Hybrid Structures in Different Seismic Zones". 2022.
13. Er. P. Surya Prakash. Technical Paper on "Tall Structures Retrofitting, Erection and Stability". 2016.

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Call for Papers – Built Environment (July.–Sept, 2026 Issue)

Theme: Cost & Value in Projects

The forthcoming issue of Built Environment (BE), to be published in Oct., 2026, will focus on the above theme in the Built Environment.

Submission Guidelines

- **Full Papers:** maximum 5 pages in A4, including text, formatting, figures, and references. Papers should present clear arguments with practical relevance, linking planning, execution, and outcomes. (Two papers maximum shall be chosen)
- **A3 Papers / Posters:** A3 size, 2 pages (centre spread, left–right flow). The paper should present one core idea as a continuous narrative from practice. Reproduction of codes, detailed procedures, and excessive data are not required. (Five papers maximum shall be chosen)
- **Content Focus:** practical, observational, analytical, contributions, with emphasis on lessons from practice and real project experience.
- **Deadline:** Aug.31, 2026

Art & Science of Time Management - Siksha O Anusandhan University Project

Subhendu Bhattacharya

Director, Skylim Technica Pvt. Ltd.& Honorary Secretary, Odisha Centre, IBC

1. Introduction

Time is the most unforgiving variable in construction. Unlike cost, which can be adjusted, or quality, which can be improved through rework, lost time is irretrievable. In the built environment, schedule discipline is not just a contractual requirement but the backbone of project success. Delays ripple across budgets, stakeholder confidence, and long-term asset utility.

The project, “**Institute of Veterinary Science & Animal Husbandry (IVS&AH)**” of Siksha-O- Anusandhan University in Bhubaneswar, which is the largest and most advanced Veterinary Medical college in India built by any non Govt. University offers a compelling case study. Spanning **7 lakh square feet** across multiple academic blocks, hostels, and a multi-level car park (MLCP), which is still to be built, the project was scheduled between **September 2022 and April 2023**. Its complexity was amplified by the site’s location within a **catchment basin**, where natural water flow intersected the construction spine, i.e. the water path used to be

through the campus. This created unique challenges: waterlogging, soil test delays, and foundation redesigns.

This paper explores schedule and time management in such contexts. It highlights the dual nature of scheduling — as a **science** (tools, CPM, PERT, Primavera) and as an **art** (adaptability, foresight). By linking theory to practice, it draws lessons from the SOA project and offers forward-looking strategies for industry professionals: digital integration, policy-backed buffers, and adaptive scheduling.

2. Core Idea

Why Scheduling Matters

In construction, scheduling is more than a Gantt chart pinned to a site office wall. It is the strategic map that aligns resources, contractors, and design intent. A well-managed schedule ensures:

- **Cost control:** Delays inflate overheads and financing costs.
- **Quality assurance:** Sequencing impacts workmanship; rushed activities compromise durability.



Fig. 1.1 Google map view and Bird's eye view of Campus-IV, SOA



Fig. 1.2 Buildings in SOA Campus

- **Stakeholder confidence:** Universities, government agencies, and investors rely on predictable delivery.

The SOA project illustrates this vividly. Initial assumptions about soil and drainage underestimated the impact of monsoon inflows. The catchment basin parameters (1.75 km² area, 100 mm/hr rainfall intensity, runoff volume of 131,250 m³) meant that waterlogging was inevitable unless flow lines were diverted. This oversight consumed valuable months, forcing schedule revisions and foundation redesigns.

Scheduling as Science and Art

- **Science:** Tools like CPM (Critical Path Method) and PERT (Program Evaluation Review Technique) provide mathematical clarity. Primavera and MS Project allow resource levelling and dependency tracking.
- **Art:** Ground realities demand adaptability. In SOA, the shift from combined footing to raft foundation, and the integration of a basement for parking, were not in the original plan. These decisions required foresight, negotiation, and confidence to deviate from the baseline schedule.

Gaps Between Policy and Practice

- **Policy vs Practice:** Regulatory approvals and master plans assume ideal conditions. On-site, monsoon rains and high water tables disrupt those assumptions.
- **Design vs Execution:** Drawings may specify combined footings, but soil tests reveal the need for raft foundations. Execution teams must reconcile these gaps without derailing timelines.

Lessons from SOA

The project underscores that schedules are living documents. Static charts fail when faced with nonlinear progress. For example, excavation could not proceed until dewatering was complete, which in turn depended on diverting natural flows. This cascading dependency is rarely captured in initial CPM networks.

3. Application / Practice Linkage

Large institutional projects rarely unfold as per the neat sequencing of a CPM chart. The Siksha O Anusandhan University campus expansion illustrates how **site realities in a catchment basin** can disrupt even the most carefully prepared schedules.

Preconstruction Stage – Drainage Basin Challenges

The site sat within a **natural catchment spine**, where rainfall inflows converged. During monsoon,

waterlogging was severe, making soil tests and boring operations difficult. Dewatering became a prerequisite before any foundation work could begin.

Table 3.1 Hydrological Parameters – SOA Catchment Basin

Parameter	Value
Catchment Area	1.75 km ² (175 ha)
Design Rainfall Intensity	100 mm/hr
Rainfall Depth (1 hr)	100 mm
Total Rainfall Volume	175,000 m ³
Runoff Coefficient	0.75
Estimated Runoff Volume	131,250 m ³
Peak Runoff (Rational Method)	36.5 m ³ /s

This meant that natural flow lines had to be diverted and recontoured before construction. The diversion consumed months of schedule time but created long-term value: once the basement proposal was integrated, parking capacity increased and the building footprint became more efficient.

Foundation Stage – Redesign and Integration

Originally, the design specified combined footings. However, soil conditions and high water tables made this impractical. The team shifted to a raft foundation, which provided stability and allowed basement construction. This redesign was not just a structural change, it was a scheduling pivot. By embedding parking in the basement, the project reduced reliance on open parking and optimized land use.

Table 3.2 Area Statement – Key Built-Up Areas

Component	Total Area (Sq. mt)
V.C.C. & Academic Block-1	26,766.23
V.C.C. & Academic Block-2	7,723.09
Hostel Block	13,089.70
MLCP (Multi-Level Car Park)	20,428.49
Service Block	439.00
Public Toilet	97.00
Total BUA	68,543.51

The redesign also impacted sequencing: excavation, raft casting, and waterproofing had to be completed before superstructure works could proceed. This recreated critical path dependencies that were not anticipated in the original CPM chart.

Execution Stage – Coordination and Delays

Execution was marked by coordination bottlenecks. Multiple team worked on academic blocks, hostels simultaneously. Waterlogging delayed excavation, which in turn delayed raft casting. Tools like MS Project and Primavera were used, but they proved reactive rather than predictive. Progress curves were nonlinear: bursts of activity during dry spells, followed by stagnation during rains.

Table 3.3 Parking Provision – Planned vs Achieved

Parking Type	Area (sqmt)
Covered Parking (VCC-1)	4,004.17
Covered Parking (MLCP)	15,597.77
Covered Parking (Hostel)	2,043.70
Open Parking	1,814.00
Total Parking Area	23,559.64

This integration of basement parking and MLCP was a scheduling success: despite delays, the project achieved 23,559 Sq.mt of parking, aligning with FAR and landscape requirements.

Linking Theory to Practice

The SOA project demonstrates that CPM and PERT networks must be adaptive. While theory assumes linear progress, site conditions in a catchment basin create nonlinear dependencies. Dewatering, foundation redesign, and basement integration consumed schedule time but added long-term utility.

4. Insight & Learning

The Siksha O Anusandhan University project demonstrates that time in construction is a consumable resource. Every mitigation measure ,whether dewatering, foundation redesign, or basement integration consumed schedule days. Yet, these interventions also created long-term value. The key insight is that time lost in the short term can translate into resilience and utility in the long term, if managed with foresight.

Flexibility in Design

The shift from combined footing to raft foundation was not simply a structural adjustment; it was a strategic scheduling decision. By embedding a basement, the project gained over 2,000 sqmt of covered parking within the Academic block and reduced reliance on open parking. This flexibility turned a delay into an opportunity, showing that design adaptability can offset schedule risks.

Coordination Challenges

Misalignment between soil tests and design intent created bottlenecks. Contractors were mobilized before dewatering was complete, leading to idle resources. This highlights the importance of synchronizing investigative works with design finalization. Time discipline is not just about tracking activities but ensuring that dependencies are respected.

Technology Limitations

Tools like MS Project and Primavera provided visibility but were largely reactive. They tracked slippages but could not predict nonlinear progress caused by monsoon inflows. This underscores a limitation: traditional scheduling tools excel at linear dependencies but falter in dynamic environments like catchment basins.



Fig. 1.3 Photographs of the campus now

What Worked

- **Adaptability:** Foundation redesign and basement integration created long-term value.
- **Resilience:** Diversion of natural flow lines reduced future waterlogging risks.
- **Integration:** Parking provision was optimized, aligning with FAR and landscape requirements.

What Failed

- **Initial Assumptions:** Underestimating hydrological impact delayed soil tests and excavation.
- **Coordination:** Contractors faced idle time due to misaligned sequencing.
- **Predictive Gaps:** Tools flagged delays

5. Forward Edge

The IVS&AH project demonstrates that schedules in construction must evolve beyond static charts. The forward edge lies in digital integration and policy direction, ensuring that time management becomes resilient rather than reactive.

Digital Tools – BIM + Scheduling Integration

Building Information Modelling (BIM) is already reshaping design coordination. When linked with scheduling platforms, BIM enables 4D models where time is layered onto design. This allows contractors to visualize sequencing, detect clashes, and simulate construction under different scenarios. For sites with hydrological challenges, BIM-linked schedules can model water inflows and excavation timelines, reducing surprises and aligning design with ground realities.

Policy Direction

Industry bodies and regulators have a role in embedding resilience into schedules. Key directions include:

- **Mandating contingency buffers** for high-risk activities such as excavation in catchment basins.
- **Encouraging digital adoption** by setting guidelines for BIM-linked scheduling and requiring its use in large institutional projects.
- **Promoting training and awareness** so that practitioners can use digital tools effectively,

ensuring schedules are not just compliance documents but active management instruments.

Future Pathway

The next decade will see a shift from linear schedules to dynamic ecosystems. Projects will be managed not as rigid timelines but as adaptive systems, resilient to uncertainty. For practitioners, the forward edge is clear: embrace digital integration and policy-backed buffers to make time discipline a competitive advantage.

6. Conclusion

Time discipline in construction is not a matter of charts and checklists; it is the decisive factor that determines whether projects succeed or stall. The Siksha O Anusandhan University project illustrates this vividly. Located in a catchment basin, the site demanded schedule resilience: diversion of natural flows, foundation redesign, and basement integration all consumed time but ultimately added long-term value.

The lessons are clear. Scheduling must be treated as a living document, responsive to hydrological realities, soil conditions, and coordination challenges. Traditional tools provided visibility but lacked predictive strength, underscoring the need for digital integration. Policy directions mandating buffers and encouraging BIM-linked scheduling can embed resilience into future projects.

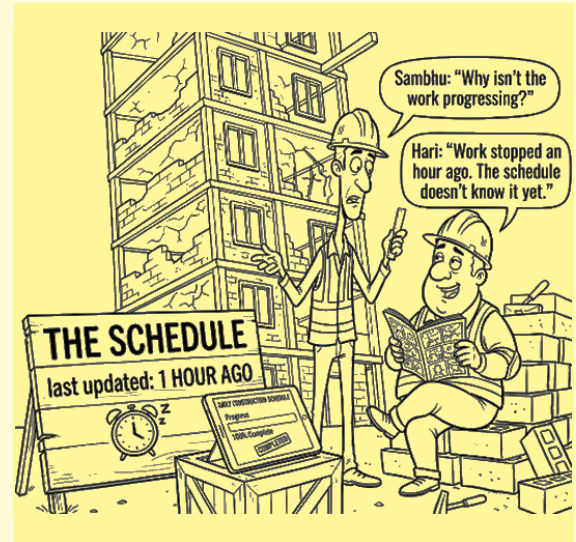
For practitioners, the takeaway is immediate: build flexibility into design, embed contingency into schedules, and adopt digital tools that align planning with ground realities. Looking ahead, the pathway is forward-facing — from static timelines to adaptive systems, where time discipline becomes not just compliance but a competitive advantage in the built environment.

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Time – The Invisible Resource

Time is the most fundamental resource in a project. Unlike labour, materials, equipment, or money, it cannot be stored, borrowed, manufactured, or replaced. Every activity consumes time, whether progress is made or not. Once lost, time cannot be recovered; it can only be compensated through additional effort, resources, or cost.

During the pre-construction stage, time is invested in planning, approvals, design development, and decision-making. During construction, time is consumed through execution, coordination, inspections, and waiting. During operation and maintenance, time influences responsiveness, serviceability, and asset performance. Time therefore spans the entire life cycle of a project and affects all other project objectives. Time in building projects can be understood through the following key aspects:



1. **Finite and Irreversible** – Time moves in one direction. Lost time can only be compensated through better planning or additional effort, never recovered.
2. **Planned and Actual** – Projects begin with planned durations, but actual progress differs due to uncertainties, delayed decisions, resource constraints, and unforeseen events.
3. **Productive and Non-Productive** – Some time creates value through planning, design, construction, and operation. Some is lost through waiting, rework, interruptions, approvals, idle resources, and poor coordination, reducing overall project efficiency.
4. **Shared but Unequal** – An important human dimension that is often missing from discussions on time management. It reminds that time has different meanings for different stakeholders, even though everyone is working on the same project. Owners seek early completion, contractors balance productivity, consultants manage deliverables, workers execute tasks, and users await the benefits of the completed facility.
5. **Foundation of Project Performance** – Time influences cost, quality, safety, productivity, and stakeholder satisfaction. Delays in one activity often propagate through the project, affecting subsequent work, resource utilisation, and overall project performance.

During construction, time is often measured in days and milestones; in reality, it is experienced through decisions, coordination, and workflow.

Time may be invisible, but delays are visible everywhere.

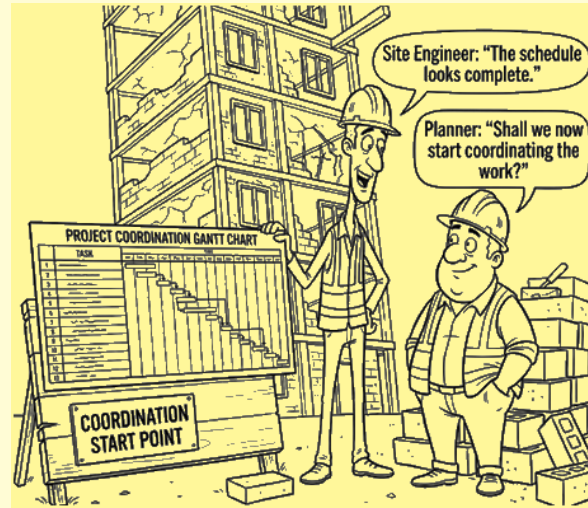
Every project consumes time first; the consequences are noticed later.

(Conceptual synthesis & framework articulation : Manoranjan Misra, Frmr. E-in-C & Spl. Secy, Govt. of Odisha)

Schedule – The Formal Representation

A schedule is the planned representation of how a project intends to use time. It translates scope into activities, activities into sequences, and sequences into milestones. By providing a roadmap for execution, schedules enable coordination among stakeholders and create a basis for monitoring progress and managing expectations.

During the pre-construction stage, schedules help define project duration, identify major milestones, and sequence key activities. During construction, schedules guide resource deployment, coordination between trades, and monitoring of progress. During operation and maintenance, schedules continue to influence inspections, preventive maintenance, and asset management activities. While time is experienced continuously, schedules provide a structured framework for managing it. Schedules in building projects can be understood through the following key aspects:



1. **Planning and Sequencing** – Activities are arranged in a logical order, defining dependencies and the intended path of project delivery. Good sequencing reduces conflicts, minimises waiting, and improves coordination among multiple stakeholders.
2. **Milestones and Targets** – Schedules establish measurable targets that help align stakeholders, monitor progress, and create shared commitments throughout the project.
3. **Resource Alignment** – Labour, materials, equipment, and information must be available when required to support planned activities.
4. **Monitoring and Control** – Schedules provide a baseline against which actual progress is measured. Regular monitoring helps identify deviations early, enabling timely corrective actions, informed decision-making, and realistic forecasting.
5. **Updating and Recovery** – Schedules are dynamic management tools that evolve as projects encounter changes, delays, risks, and opportunities. Continuous review, updating, and recovery planning help maintain project momentum and improve the likelihood of timely completion.

During construction, schedules are often treated as commitments, but they remain forecasts based on assumptions. A schedule may indicate what should happen, but it cannot by itself ensure that work will happen as planned.

A schedule is not the project itself; it is a model of how the project intends to use time.

Flow – Time in Motion

Flow is the continuous movement of work, information, materials, and decisions through a project. While schedules define what should happen and when, flow reflects what is actually happening on the ground. Projects rarely suffer because activities are unknown; they suffer because activities fail to move smoothly from one stage to the next.

During the pre-construction stage, flow depends on timely decisions, approvals, information exchange, and readiness of designs. During construction, flow is influenced by availability of labour, materials, equipment, work fronts, and coordination among trades. During operation and maintenance, flow governs responsiveness to inspections, repairs, and service requirements. Effective project delivery depends not only on planned activities, but on the uninterrupted movement of work through the system.

Flow in building projects can be understood through the following key aspects:

1. **Continuity of Work**–Work progresses efficiently when activities move continuously from one stage to the next without unnecessary interruptions, waiting, or frequent stoppages. Continuous flow improves productivity, predictability, and overall project performance.
2. **Constraint Removal**–Identifying and removing these constraints before execution such as approvals, information gaps, resource shortages, and unresolved issues help maintain a steady and reliable flow of work..
3. **Reliable Commitments**–Flow depends on commitments that are realistic, coordinated, and consistently fulfilled. When teams deliver work as promised, subsequent activities can proceed with confidence, reducing uncertainty and improving schedule reliability.
4. **Value-Adding Movement**–Not all effort creates value. Productive flow focuses on work that advances the project rather than waiting, rework, or unnecessary movement.
5. **Coordination and Handoffs**–Projects involve multiple stakeholders and trades. Smooth handoffs between them are essential for maintaining momentum and avoiding delays.

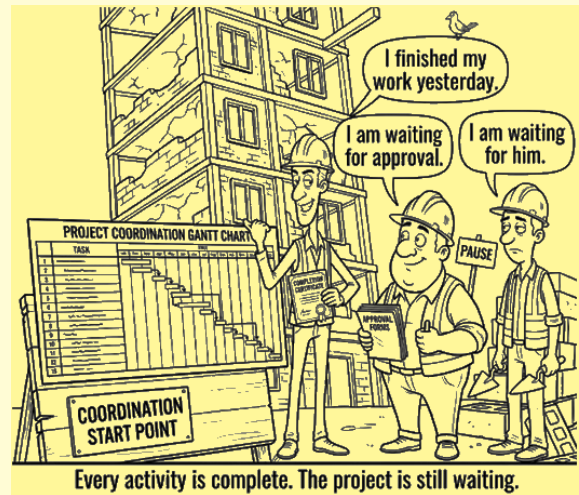
During construction, progress is often measured by completed activities. Flow, however, focuses on how reliably work moves through the project. Delays are frequently symptoms of disrupted flow rather than inadequate schedules.

Schedules manage activities; flow manages progress.

Projects don't flow because activities are completed.

They flow because commitments are honoured.

**A project moves forward NOT WHEN ACTIVITIES ARE PLANNED,
BUT WHEN WORK FLOWS RELIABLY BETWEEN THEM.**



Time, Schedule & Flow– The Relationship

Time, schedule, and flow are often discussed separately, yet they represent different dimensions of the same project reality. Time is the resource available to a project, schedules represent how that resource is intended to be used, and flow reflects how work actually progresses. Successful project delivery depends not merely on managing each individually, but on maintaining alignment among all three.

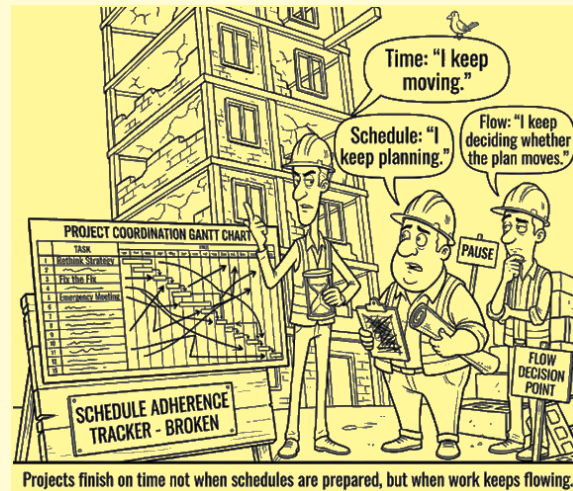
During the pre-construction stage, time establishes project objectives and deadlines, schedules organise activities and milestones, and flow depends on timely decisions, approvals, and information exchange. During construction and O&M period, schedules coordinate resources and activities, support planned interventions; while flow determines whether work can proceed reliably from one task to the next with continuity of actions and responses over time. The relationship between time, schedule, and flow can be understood through the following:

1. **Resource and Representation** – Time is the real and finite resource available to the project; schedules are its planned representation. It is like one has 365 days to complete a project. Those 365 days exist whether you prepare a schedule or not. The schedule merely allocates those days to activities, sequences, and milestones.
2. **Planning and Execution** – Schedules define what should happen; flow reveals what is actually happening. The difference between the two often explains why well-planned projects still experience delays.
3. **Activities and Progress** – Activities consume time, but progress occurs only when work moves continuously through the system. Completion of isolated activities does not necessarily translate into meaningful project advancement.
4. **Compliance and Reliability** – Meeting a schedule demonstrates compliance with a plan; reliable flow demonstrates confidence in delivery. Sustainable project performance depends not only on following schedules but also on consistently honouring commitments.
5. **Delay and Learning** – Schedules record delays after they occur; flow helps identify and address the causes before they become delays. Continuous learning from disruptions strengthens future planning and improves the reliability of project delivery.

A project may have sufficient time and a well-developed schedule, yet still struggle if work does not flow reliably. Conversely, strong flow often enables teams to recover from disruptions and maintain progress despite changing conditions.

TIME is the resource, SCHEDULE is the plan, and FLOW is the reality.

Project success depends on how effectively all three work together.



WAIT! Waiting is the Main Consumer of Time

Manoj Kumar Mahananda

Chief Construction Engineer, Works Department, Odisha

1. Introduction

Construction projects are judged by their completion dates, milestones and schedule performance. Considerable effort goes into preparing schedules, allocating resources and monitoring progress. Yet one of the largest consumers of project duration rarely appears as an activity in any programme—waiting.

Waiting occurs whenever work is ready but cannot proceed because something essential is unavailable. A decision is pending, drawings are incomplete, materials have not arrived, utilities are yet to be shifted, inspections remain pending, or statutory approvals are awaited. During this period, time continues to pass, resources remain engaged, but no value is created.

Unlike planned activities, waiting is seldom recognised, measured or managed explicitly. It silently accumulates throughout the project life cycle and ultimately manifests itself as delay, reduced productivity and cost overruns.

2. Waiting Exists Throughout the Project Life Cycle

Waiting is not confined to construction. It originates much earlier and often continues even after physical completion.

- During planning, projects wait for land acquisition, funding approvals and statutory clearances. A delayed approval postpones procurement, fabrication, transportation, installation and commissioning.
- During design, progress slows because of incomplete investigations, frequent design revisions, stagewise issue of drawings, missing architectural- structural- MEP coordination. A missing drawing holds up several downstream activities.
- During procurement, projects wait for tender approvals, long-lead & specialised materials & equipment, and mineral resources.
- During construction, activities stop while awaiting predecessor work, utility shifting, inspections, decisions, equipment, weather windows or material deliveries, and countless other reasons. One major bottleneck in Government projects is changes/ additional facilities/ demand by users.
- During commissioning and operation, completed facilities often wait for testing, occupancy certificates, fire approvals, imported spare parts or statutory inspections before they can serve their intended purpose.

Waiting therefore affects every stakeholder—owners, consultants, contractors, suppliers, operators and users. Although each experiences it differently, all eventually pay its price.

3. Prevent Waiting Before Construction Begins

Project schedules generally show activities, durations and dependencies, but they rarely display waiting explicitly. Consequently, waiting remains hidden behind idle resources, reduced productivity, extended durations and missed milestones. As discussed, many execution delays are actually created during project preparation. Waiting can be significantly reduced if readiness is ensured before issuing the work order.

Some practical measures include:

- Selecting suitable project sites before preparing the Detailed Estimate, after assessing land availability, access and site constraints.
- Completing integrated Architectural, Structural and MEP designs before finalising the Detailed Estimate, thereby minimising revisions during execution.
- Assessing the physical availability of construction materials and mineral resources during planning and incorporating realistic sourcing strategies.
- Initiating utility shifting immediately after Administrative Approval so that most of the site is available when construction starts.
- Adopting rolling multi-year planning and obtaining in-principle approvals for major projects well in advance, enabling land, utilities and statutory issues to be substantially resolved before execution.

These measures transform project preparation from a procedural exercise into a systematic effort to eliminate future waiting.

4. Managing Waiting During Execution

Not every waiting period can be eliminated, but much of it can be anticipated and reduced. Most construction activities and their likely constraints are known from experience. Lessons learnt from previous projects, the availability of machinery, manpower and materials, and local site conditions should therefore be considered during planning and reflected in realistic project schedules.

Look-ahead planning helps identify constraints before they interrupt work, while regular coordination meetings resolve interface issues between stakeholders and disciplines. In government projects, the District Administration is a key enabling stakeholder; facilitating land acquisition, utility shifting, statutory clearances, quarry and mineral resource availability, traffic management and coordination among multiple agencies. Early engagement and continuous coordination with such stakeholders significantly reduce avoidable waiting.

Reliable commitments ensure that work proceeds only when prerequisites are available. Timely decisions, early procurement of long-lead items and proactive coordination further minimise interruptions to workflow.

Projects should therefore monitor not only physical progress but also the reasons for waiting. Identifying waiting at its source enables corrective action before it develops into delay. By systematically reducing unnecessary waiting, projects improve workflow, schedule reliability and overall performance.

5. Conclusion

Every project consumes time, but only productive work creates value. Waiting consumes the same valuable time without adding any value. Left unmanaged, it silently extends project duration, reduces productivity, increases costs and weakens stakeholder confidence.

Projects that recognise waiting as a distinct and preventable source of waste shift their focus from reacting to delays towards ensuring continuous workflow and project readiness. The less a project waits, the more efficiently it converts time into value.

WAIT!

Waiting is the hidden consumer of time.

Every minute spent waiting is a minute of project opportunity permanently lost.

TECH TRIVIA - 1

New Parliament Building, New Delhi
High Velocity Project Implementation by CPWD

1. **Approvals & Sanctions:** Cabinet/High-Powered Panel approval in January 2020; statutory clearances (DUAC, MOEFCC, Heritage Conservation Committee) completed by January 2021.
2. **Cost Dynamics:** Initial sanctioned cost ₹776 crore; revised approved cost ₹1200 crore. Escalation due to seismic design upgrade (Zone IV → Zone V), COVID-driven steel price surge, and secure digital audiovisual systems for MPs.
3. **Design Development:** September 2019–December 2020; GFCs frozen before foundation stone ceremony.
4. **Tendering:** NIT issued June 26, 2020; restricted two-stage e-procurement on CPPP, limited to top-tier infra-conglomerates under extreme security constraints.
5. **Contract Award:** September 16, 2020; Tata Projects Ltd at ₹861.90 crore (L1). Contract period 21 months; actual execution 29 months.
6. **Architectural Challenges:** Triangular site geometry; themed seating for Lok Sabha & Rajya Sabha; central Constitution Hall; installation of Foucault Pendulum by National Council of Science Museums.
7. **Construction Challenges & Solutions:**
 - o COVID-19 pandemic: geofenced worker colonies with stringent health controls.
 - o VVIP security grid: proximity to functioning Parliament, rigid protocols.
 - o Supply chain: coordination of 100+ workshops nationwide for materials/products.
 - o Administrative oversight: weekly PMO-level reviews to bypass interdepartmental hurdles.
 - o Project management: mandatory preconstruction design locks, Integrated Project Delivery, daily BIM coordination, milestone-linked cash flow easing fund flow.

TECH TRIVIA -2

Birsa Munda International Hockey Stadium, Rourkela

1. **Overview:** Named after the legendary tribal freedom fighter Birsa Munda, this international hockey stadium at Rourkela, the “cradle of hockey” in India, was built to host the 2023 World Cup Hockey. Implemented by the Government of Odisha through IDCO, Odisha’s premier PSU for industrial infrastructure, it stands as a benchmark in timely project delivery under international (FIH) norms. Guinness World Records recognized it as the world’s largest fully seated hockey arena in January 2023.
2. **Timeline:**
 - o **Design Period:** June 2021 – August 2021 (3 months)
 - o **Execution Period:** September 2021 – August 2022 (12 months)
 - o **Actual Commencement:** 01 October 2021
 - o **Completion:** 31 December 2022 (15 months)
3. **Construction Agency:** Larsen & Toubro (Turnkey execution).
4. **Challenges & Solutions:**
 - o **Location:** 400 km from Bhubaneswar; IDCO stationed technical manpower locally, supplemented by engineers from Sundergarh district and HQ.
 - o **Monitoring:** Weekly reviews by Sports Secretary and CMO ensured top-level oversight.
 - o **COVID-19 Impact:** Local labour upskilled to replace 1200 migrant workers; strict adherence to health norms.
 - o **Design & Structural Adjustments:** Change from open foundation to raft delayed progress by 75 days, offset through optimized steel superstructure design.

IBC NEWS

I. IBC HQ

(i) 113th Governing Council Meeting & National Seminar on 2nd - 3rd May, 2026 at Bhopal

Inaugural Session



The Inaugural Session commenced with the presence of Chief Guest of Hon'ble Chief Minister Dr. Mohan Yadav

The 113th Governing Council Meeting & Technical Seminar on “Sustainable Future: Innovations in Green Building Practices” was held on 2nd - 3rd May, 2026 at Kushabhau Thakre Convention Hall, Bhopal. The programme was hosted by PWD Govt. of Madhya Pradesh & IBC M.P. State Centre. The seminar was held in 4 Sessions, each session having a different sub-theme.



Lighting of Ceremonial Lamp by Hon'ble Chief Minister, Madhya Pradesh

The Inaugural Session commenced with the arrival of the Chief Guest of the function Hon'ble Chief Minister Dr. Mohan Yadav and lighting of Ceremonial Lamp by the dignitaries, symbolising the inauguration of the seminar. The song of Vande Matram was played followed by IBC Geet.

The Session began with Welcome Address delivered by Er. S.R. Baghel, E-in-C, Bldg. & Chairman, IBC Madhya Pradesh Centre who warmly greeted the Chief Guest, Hon'ble Chief Minister Dr. Mohan Yadav; Guest of Honour, Shri Rakesh Singh, PWD Minister, Govt. of Madhya Pradesh; Shri Sukhbir Singh, Principal Secretary, MP PWD; Shri C.V. Chakraborty, Managing Director, M.P. Building Development Ltd., Er. C. Debnath, President, IBC; Er. O.P. Goel; Founder President, IBC; Col.(Dr.) Anand Mathialagan (Retd.), Hony. Secy., IBC and other dignitaries on the dais. He informed that with the initiation of Hon'ble Minister, all buildings are now constructed with Green Building norms.

All dignitaries were welcomed by presenting a shawl and potted plant.



Dr. Mohan Yadav, Hon'ble Chief Minister, Madhya Pradesh

Hon'ble Chief Minister Dr. Mohan Yadav, in his address, welcomed Public Works Department Minister Shri Rakesh Singh; Chief Secretary Shri Sukhbir Singh; IBC National President Shri C. Debnath; Founder President, IBC Shri O.P. Goel, and all the distinguished guests present on the dais. Addressing the President, IBC Shri C. Debnath, he said that he was especially pleased to welcome him because he had come from the sacred land of Tripura, home to the revered Goddess Tripura Sundari. He informed the audience that the tradition of incense (agarbatti) making originated in Agartala. He also spoke about the adverse effects of global warming. Providing insights into the state's history, he highlighted King Bhoj and the architectural structures built during his reign. He further shared detailed information about astronomy and the developments taking place in the state in this field. He also elaborated on the water management initiatives undertaken in the state.



Shri Rakesh Singh, Hon'ble PWD Minister, Madhya Pradesh

Shri Rakesh Singh, Hon'ble Minister for the Public Works Department, Government of Madhya Pradesh, welcomed the Hon'ble Chief Minister Dr. Mohan

Yadav, all the distinguished guests, and the professionals present in the Hall.

He stated that the Government of Madhya Pradesh has decided that all building construction projects in the state will henceforth be based on the Green Building concept. He expressed confidence that this event, centered on green buildings, would prove beneficial for the state.

The Minister spoke about India's ancient knowledge and advanced construction techniques. He emphasized that any construction project undertaken while maintaining ecological balance is bound to be successful. He also highlighted the remarkable architectural excellence reflected in ancient temples and historic buildings.

He said that development and heritage must go hand in hand, and both should be preserved while moving forward. Drawing attention to the rising temperatures and increasing energy consumption in the country, he stated that the solution to these challenges lies in adopting green building practices.

He informed the gathering that in Madhya Pradesh, public welfare ponds are being developed on land excavated for road construction projects.

He further said that serious thought should be given to constructing low-cost buildings using locally available materials in the state. He added that he would study the recommendations received from the Indian Buildings Congress (IBC) and implement them wherever appropriate.

Concluding his address, he delivered the message that history remembers those who dare to step beyond convention and accomplish something different.

Er. C. Debnath, President, IBC expressed his gratitude to the Chief Guest, Hon'ble Chief Minister for accepting the request to grace the occasion from his busy schedule. He mentioned that the presence of Hon'ble Chief Minister signifies the importance of seminar and priority of development work in the state. He highlighted the role of IBC in promoting safe and sustainable construction practices across the country. He thanked the M.P. Govt. for accepting proposal of holding 113th Governing Council Meeting and Seminar in the State and making all the arrangements. He thanked Chairman, Organising Committee, Er. S.R. Baghel, Chief Engineer, MP PWD & Chairman of MP State Centre. He highlighted the training programme being imparted by the IBC HQ. He said that M.P. State Centre can organise training at state HQ so that participation of engineers will be easier. He also



Er. C. Debnath, President, IBC

informed that the outcome of the technical seminar will be submitted as recommendation of IBC to State Govt. for implementation by engineering department and information of policy making.



Er. O.P. Goel, Founder President, IBC

Er. O.P. Goel, Founder President, IBC in his address, informed that Indian Buildings Congress (IBC) was founded on 1st September 1992 and registered as a Society on 29th March 1993, with its headquarter at New Delhi. He talked about the vision of the organization. He also informed that all Building Departments of Government of India like CPWD, MES, Railways, HUDCO, NBCC, CBRI are its institutional members in addition to all states and many private bodies. The thrust given by the present President Er. Chinmay Debnath to the activities of various Centres in all States has further activated the Organisation. He advised that in policy making, due consideration and recognition need to be given to the Engineers.

He emphasised that other Centres of IBC will also emulate the example of Madhya Pradesh.

Er. V. Suresh, Fmr. CMD, HUDCO Ltd. & Past President, IBC, delivered Keynote Speech in the

Inaugural Session. In his address, he elaborated the topic "Sustainable & Resilient Built Environment - Adopting Green Path". He talked on World Population Trends. He informed that population in developing and lesser developed countries will become 88% of total population by 2050. India's Urban population will double from 28 crores in 2001 to 60 crores in 2030. He mentioned that Soil Erosion, Landslides, Falling of Trees and Muddy Streams during rains are the result of environment changes. He suggested possible remedial measures as City Soil Mapping, Sedimentation Control Measures and Proper stabilization to avoid soil runoff.



Er. V. Suresh, Fmr. CMD, HUDCO Ltd. & Past President, IBC

He discussed the impact of environmental changes on Water and Air. He said that Flash Floods, Pollution of water streams by effluents & municipal waste and Low Rainwater Capture. Forest Fires, Open fires & campfires, Air pollution due to construction, Emissions from fossil fuel burning are causing great damage to the nature. He discussed and suggested ways how to protect from such damages.

Lok Kalyan se Lok Nirman, News Letter of MP PWD, the magazine Built Environment of IBC and Souvenir was released by the Hon'ble Chief Minister.



Release of Built Environment

Presentation of Mementoes to MP, PWD and IBC MP Centre by IBC HQ

Vote of Thanks

Vote of Thanks was presented by Col. (Dr.) Anand Mathialagan (Retd.), Hony Secy, IBC. He thanked Dr.



Col. (Dr.) Anand Mathialagan (Retd.), Hony Secy, IBC

Mohan Yadav, Hon'ble Chief Minister, Madhya Pradesh, for consenting to grace the function and sparing his valuable time. He thanked Shri Rakesh Singh, Minister, MP, PWD; Shri Sukhbir Singh, Secretary, MP PWD. He thanked Er. S.R. Baghel, Chairman, IBC Madhya Pradesh Centre and his team for organising the programme. He also thanked all delegates coming from different parts of the states to attend the 113 GC meeting and National Seminar. The Session concluded with National Anthem.

Chief Engineer Meeting

A Meeting held with Chief Engineer on 1st May, 2026 at Kushabhau Thakre Convention Hall, Bhopal at 6 PM in presence of Chairman & Hony Secy, IBC, Bhopal; Council member of IBC & Various matters related to IBC was discussed.

Technical Session-I

Sub theme: Sustainable Materials & Waste Management

Invitee Speaker: **Dr. Anil Joseph**, M.D., Geostruturals (P) Ltd.

Chairman of the Session: Er. Mayank Tilak, Vice President, IBC & Fmr. SDG, CPWD; Co-chairman (i) Er. R.K. Mehra, Fmr. E-in-C, MP PWD (ii) Er. S.C. Verma, CE, MP PWD.

Papers presented in this session: 3 Nos.

1st Paper presented by: Dr. Sanchit Gupta, Senior Research Associate, IIT Indoor.

Topic: **"Sustainable Treatment of Recycled Aggregates: A Pathway for Advancing C&D Waste Management"**.

2nd Paper presented by : Dr. I.S.N. Raju, Fmr. CE, Telangana.

Topic: **"Application of Alternate & Recycled Materials in Built Environment towards sustainable material and waste management – Experimental Studies"**.

3rd Paper presented by: Er. Manoranjan Misra, Fmr. E-in-C-cum-Spl. Secy., Works Department, Govt. of Odisha.

Topic: **"Responsible Sustainability in the Built Environment – A Discipline of "Don'ts" to Avoid Waste"**.

Technical Session- II

Sub theme: Energy Efficiency in Green Buildings

Chairman of the Session: Er. B. C. Tripathy, Former Engineer-in-Chief, Odisha; Co-Chairman: (i) Er. Suresh Kr. Bairwa, EC Member & Former ACE, Rajasthan (ii) Er. Er. S.R. Baghel, E-in-C, Bldg. & Chairman, IBC Madhya Pradesh Centre.

Papers presented in this session: 3 Nos.

1st Paper presented by: Er. Anirban Datta, Consultant, WB

Topic: **"Comprehensive Approaches to Energy Efficiency in Green Buildings: Design, Construction, Operations and Technological Integration"**

2nd Paper presented by: Dr. Madhura Yadav, Dean, Manipal University, Jaipur

Topic: **"From Envelope to Environment: Rethinking Energy – Efficient Buildings"**

3rd Paper presented by: Dr. Sandeep Choudhary, Prof. IIT Indore

Topic: **"Waste to Wealth: Development of Sustainable Building Products for Green Buildings"**.

Technical Session- III

Sub theme: Smart Technologies in Green Buildings

Invitee Speaker: Er. R.K. Majumdar, IAS (Retd.), EC Member, IBC & Fmr. Director, UD, Govt. of Tripura.

Chairman of the Session: Er. A.R. Singh, Chief Engineer, PWD, MP; Co-chairman: (i) Er. Satyanarayana Mendu, EC Member & Fmr. SE, Govt. of Telangana (ii) Er. K.S. Yadav, Chief Engineer, Govt. of Madhya Pradesh.

Papers presented in this session: 3 Nos.

1st Paper presented by: Lt. Col. Onkar C. Bhandurge, MES

Topic: **"BIM-driven: Digital Governance for Smart Green Infrastructure in India"**

2nd Paper presented by: K.L. Mohan Rao, Member, IBC

Topic: **“Smart Technologies in Green Buildings: Leveraging IoT, AI and Data Analysis to Optimize Building Performance and Sustainability”**

3rd Paper presented by: Er. V.S. Verma, Past President, IBC & Fmr. E-in-C, MP PWD and Co-Presenter Ar. Arya Unde

Topic: **“Sustainable Materials, Waste Management and Energy Efficiency in Green Buildings”**

Technical Session- IV

Sub theme: Future of Green Buildings

Invitee Speaker: Dr. Shailesh Kr. Agrawal, Fmr. Executive Director, BMTPC & GC member, IBC.

Chairman of the Session: Er. Toli Basar, Vice President, IBC, Fmr. Chief Engineer, PWD, Arunachal Pradesh & Past President, IRC; Co-chairman: (i) Er. S.L. Suryawansi, Advisor NITI Ayog (ii) Er. S.R. Gorkhede, Chief Engineer, PWD, MP.

Papers presented in this session: 2 Nos.

1st Paper presented by: Ar. Purushottam Doijode, MES

Topic: **“Future Trends of Green Buildings - A Route to Balance Growth”**

2nd Paper presented by: Shri Sandeep Choubey, Vastu Consultant.



View of Cultural Programme

Cultural Programme was organised in the evening on 2nd May, 2026 at Ravindra Convention Centre, Bhopal which was enjoyed by family members & participants.



113th Governing Council Meeting in Progress

113th Governing Council Meeting was held on 3rd May, 2026 at Hyatt Place Hotel, Bhopal. Welcome Address

in the GC Meeting was delivered by Er. S.R. Baghel, Chairman, Madhya Pradesh, Centre. The President, IBC and Hony. Secretary also addressed the G.C. Members. Agenda items were placed for discussion by Er. I.S. Sidhu, Executive Director, IBC and was delebrated in detail among the GC Members. In the 2nd half of 3rd May, 2026, the technical presentations were held.

Release of IBC directory



Release of IBC Directory

IBC directory was released by Er. O.P. Goel, Founder President, IBC in the presence of GC Members on 3rd May, 2026 during 113th Governing Council Meeting.

204th Executive Council Meeting & Technical Seminar on “Green Buildings”



204th Executive Council Meeting

Indian Building Congress (IBC) Ranchi Centre organised 204th Executive Council Meeting and National Seminar on “Green Building” on 5&6 June 2026 at Project Meeting Hall, Jharkhand Mantralaya in Ranchi.

The inaugural session of the National Seminar was attended by Er. O.P. Goel, Founder President of the Indian Building Congress, as the Chief Guest. Distinguished guests included Er. Chinmay Debnath, President IBC; Er. R.K. Majumdar, Former IAS officer; Er. Sanjay Kujur, BCD Engineer-in-Chief; Er. Mohan Lal, Chief Engineer, CPWD; Col. (Dr.) Anand M. Hony. Secretary, IBC; Er. Naseem Ali, Hony. Secretary, IBC Jharkhand State Centre and Er. (Mohd.) Sarfaraz, Treasurer, IBC Jharkhand State Centre.

The inaugural session was addressed by Er. O.P. Goel, Er. Chinmay Debnath, and Er. Sanjay Kujur. During the seminar, Er. Ranjit Singh, Er. Kanishk Kumar, Col. (Dr.) Anand M., Er. Manoranjan Misra and Er. Debati Chakraborty delivered technical presentations on various aspects of green buildings.

II. TRAINING PROGRAMMES

(i) Two-Days Training Program on “Advanced Waterproofing Technologies for Buildings”

Two-days training program on “Advanced Waterproofing Technologies for Buildings” was successfully conducted for Junior Engineers (JEs), Assistant Engineers (AEs), and Assistant Executive Engineers (AEEs) on 20–21 April 2026 at IBC Headquarters, Sector VI, R.K. Puram, New Delhi.



Two-days training program on “Advanced Waterproofing Technologies for Buildings” in progress

The program was inaugurated by Er. O. P. Goel, Founder President, IBC and Former DG, CPWD.

The program witnessed active participation and participants actively engaged in discussions, shared field experiences, and clarified technical queries with the experts. The interactive nature of the sessions contributed to a deeper understanding of the subject matter.

The training program was highly informative and beneficial for the participants. It provided valuable exposure to advanced waterproofing technologies and practical approaches for implementation in ongoing and future projects. The knowledge gained is expected to contribute significantly to improving construction quality and durability of buildings.

(ii) Two-Days Training Program on “Quality, Safety, Health, and Environment Aspects in Building Construction”

Two-days training program on “Quality, Safety, Health, and Environment Aspects in Building Construction” was conducted for Junior & Mid-Level Engineers & Architects on 28–29 May 2026 at IBC Headquarters, Sector VI, R.K. Puram, New Delhi.

The program was inaugurated by Col. (Dr.) Anand Mathialagan (Retd.), Hony. Secy., IBC



Two-days training program on Quality, Safety, Health, and Environment Aspects in Building Construction” in progress

The program witnessed active participation. Engineers and Architects, representing various states across the country. The training aimed to enhance the technical knowledge and practical understanding of participants in the field of Quality, Safety, Health, and Environment Aspects in Building Construction.

The training program was highly informative and beneficial for the participants. It provided valuable exposure to Quality, Safety, Health, and Environment Aspects in Building Construction for implementation in ongoing and future projects.

(iii) Two-Days Training Program on “Contract Management and Dispute Management”

Two-days training program on “Contract Management and Dispute Management” was conducted for Assistant Engineers, Assistant Executive Engineers, Executive Engineers and Superintending Engineers, on 29-30 June 2026 at IBC Headquarters, Sector VI, R.K. Puram, New Delhi.

The program was inaugurated by Er. C. Debnath and Guest of Honour Ms. Amrita Panda, Advocate on Record Supreme Court of India and Col. Atul Kumar Pandey, Director (Contracts), DG, MAP.

The program witnessed active participation. The training aimed to enhance the technical knowledge and



Two-Days Training Program on “Contract Management and Dispute Management” in progress

practical understanding of participants in the field of Contract Management and Dispute Management.

The training program was highly informative and beneficial for the participants.

92nd Birthday Celebration of Founder President, Er. O.P. Goel



The 92nd birthday of Er. O.P. Goel, Founder President of IBC and Former Director General, CPWD, was celebrated with great joy and enthusiasm at the IBC HQ on 18 May 2026.

On behalf of the President and Honorary Secretary of IBC, a bouquet of flowers was presented to Er. O.P. Goel by Er. I.S. Sidhu, Executive Director, IBC, in the presence of the IBC staff. The occasion was marked by warm wishes and heartfelt greetings, making it a memorable celebration for all present.

III. Participation of IBC in Various Events

(i) Meeting of President, IBC with Hon'ble Minister MoHUA



Er. C. Debnath, President, IBC met with Shri Manohar Lal Khattar, Hon'ble Minister of Housing of Urban Affairs along with Er. O.P. Goel, Founder President, IBC & Fmr. Director General, CPWD; Er. V. Suresh, Past President, IBC & Fmr. CMD, HUDCO; Er. Harpal Singh, Hony. Secy, Haryana Centre & Superintending Engineer, Haryana PWD (B&R) & Er. I. S. Sidhu, Executive Director, IBC at Shram Shakti Bhawan, New Delhi.

(ii) Meeting of President, IBC with Hon'ble PWD Minister, Govt. of Haryana

A Coordination meeting of IBC was held with Hon'ble Minister for PWD & PHE, Govt. of Haryana, Shri Ranbir Gangwa on 18th May, 2026 at his Chamber in the Secretariat, Chandigarh.

The Meeting was attended by President & Hony Secretary, IBC along with Er. R.K. Majumdar, IAS



(Retd.) & Executive Committee, IBC; Er. Y.M. Mehra, E-in-C, (Roads) & Vice Chairman, Haryana Centre; Er. Arun Jagga, Managing Director, Bridge & Roads Corporation & GC Member IBC and Er. Harpal Singh, SE, PWD and Hony. Secy., Haryana Centre.

(iii) Meeting of President, IBC with Addl. Chief Secretary, Haryana



Er. C. Debnath, President, IBC met Shri A.K. Singh, Addl Chief Secy.

Er. C. Debnath, President, IBC along with E-in-Chief, CEs, Chairman & Hony Secretary met with Shri A.K. Singh, Addl Chief Secy. (incharge of PWD) to discuss about the Mid-Term term session when it was agreed for 24-26 July at Panchkula. Addl Chief Secy. is also agreed to be the Patron of IBC, Haryana Centre. Long discussion held with him about technology development & training programme. Er. Harpal Singh, SE & Hony Secy, IBC, Haryana Centre co-ordinated.



Er. C. Debnath, President, IBC met with Er. Anil Dahiya, E in Chief, Haryana, PWD

Er. C. Debnath, President, IBC met with Er. Anil Dahiya, E-in-Chief, Haryana, PWD in his office at Panchkula to discuss about Mid Term Session of IBC in July, 26 by Haryana PWD & IBC, Haryana State Centre.

(iv). Meeting of President, IBC with Engineer-in-Chief, BCD, Jharkhand



Er. C. Debnath, President, IBC met with Er. Sanjay Kujur

Er. C. Debnath, President, IBC met with Er. Sanjay Kujur, E-in-Chief, Department of Building Construction, Jharkhand, Govt. of Jharkhand along with Er. Samar Prasad, CE, Department of Building Construction, Jharkhand and Er. Naseem Ali, Hony. Secy., IBC Jharkhand State Centre.

IV News of Activities at IBC Centre

A. Odisha State Centre

(i) Interactive Meeting



Interactive Meeting in progress

An interactive meeting was held by Er. Chinmay Debnath, President IBC with members for strengthening IBC during his visit to Bhubaneswar on 12th April 2026 at Hotel Padmaja Premium, Chandrasekharpur, Bhubaneswar.

Dignitaries Present:

Er. E.M. Nagaraj, VP, IBC; Er. S.D. Chandsure, Chairman, Maharashtra State Centre; Er. Abinash Gulhane, VP, IBC; Er. A.K. Sasane, Maharashtra State Centre and Other dignitaries and invitees also attended.

Welcoming the dignitaries and members, Er. B. C. Tripathy, Chairman, IBC Odisha Centre, presented different activities undertaken under the leadership



of the President nationwide in the interest of the built environment. He complimented members of Odisha for active participation in all the technical activities under taken in State, observation of statutory day sanddaily interaction on different a specs of built-environment e.g. fire and structural safety, energy efficiency.

President's response:

After felicitation programme of members, Er. Debnath chronicled the journey of IBC from its origin in 1990s. He highlighted the objective and mission of IBC. Now that all State Centres have been activated and IBC HQ (Office at R.K Puram, New Delhi) strengthened, Government support is felt critical for utilising the technical core competence of IBC in State interest. Each IBC chapter has a greater responsibility for the society. It is through continuous technical activities and addressing burning issues faced by the society that professionals will be recognised and remembered for their contribution. Based on today's interaction he summarised the following points to be followed by the State Chapter:

- IRC – IBG collaboration at national and state level
- IBG – IIA, ISHARE, FSAI collaboration
- State/Zonal level focused on in-service training program
- Government – IBC partnership in State and Society interest
- Bringing gap between codes and practices in field
- Following up on the recommendations of technical seminars for implementation
- Membership drive
- Contribution of Technical Papers to IBC's Built Environment and Technical Journal and participation in national seminars.

The interactive meeting was highly stimulative and thought-provoking with frank and open discussions and commitment for professional cause pioneered by IBC.

It ended with a vote of thanks by Er. Subhendu Bhattacharya Hon. Secy., IBC Odisha Centre, MC and dinner.

(ii) World Earth Day

World Earth Day, celebrated every year on 22nd April, is a global movement dedicated to raising awareness about environmental protection and promoting sustainable practices. Initiated in 1970, it brings together people, institutions, and governments across the world to reflect on our responsibility toward preserving the planet.



World Earth Day Celebrated

Earth Day reminds us that our natural resources are finite and that urgent action is needed to address challenges such as climate change, pollution, biodiversity loss, and unsustainable development.

The theme for Earth Day 2026, “Our Power, Our Planet,” emphasizes the collective strength of individuals, communities, and organizations in shaping a sustainable future. It highlights that every action no matter how small contributes to protecting the Earth.

On the occasion of this day, IBC-Odisha Centre has arranged an amazing virtual meet with few eminent people of the State of Odisha.

(iii) International Conference on “Smart Sustainable Urbanism”



Felicitation to Er. B.C. Tripathy, Chairman IBC Odisha Centre by Prof. Dipak Kumar Sahoo, Vice Chancellor, VSSUT Burla

On 8th and 9th April, 2026, the Odisha Centre played a prominent role in the International Conference on Smart Sustainable Urbanism organized by VSSUT Burla. Er. Bijoy Chandra Tripathy, Chairman, inaugurated the session, chaired discussions on Sustainable Mobility, and joined the panel. Er. Manoranjan Misra and

Dr. Dhanada Kanta Mishra delivered keynote addresses on Urban Utility and Management, while Prof. Pravat Kumar Parhi chaired a session featuring twelve papers. The conference drew more than 150 delegates from academia, government and private organizations. IBC also showcased its presence in the technical exhibition, with a stall inaugurated by Er. Tripathy and Prof Dipak Kumar Sahoo, Vice Chancellor, VSSUT and managed by young engineers.

(iv) World Heritage Day

World Heritage Day was organised on 18th April, 2026 with the theme “Emergency Response for Living Heritage in Contexts of Conflicts and Disasters”. Distinguished speakers, including Er. Ashok Basa, Prof. Pravat Kumar Parhi and Ar. Amit Chatterjee, addressed the gathering. Prof Chatterjee highlighted Cyclone Fani's impact on heritage structures and stressed resilience planning, digital documentation and community-based programmes. Recommendations included adopting heritage resilience as a thematic priority, amending NDMA guidelines, developing state-level Heritage Vulnerability Atlases and initiating pilot projects such as documentation of Shola Sasans in Puri. Collaboration was agreed between VSSUT, IBC Odisha and INTACH Odisha Centre.

(v) 8th Circle Level Technical Seminar



8th Circle Level Technical Seminar at Keonjhar

On 9th May, 2026, the 8th Circle Level Technical Seminar was held at Keonjhar jointly with CCE and R&B on “Quality and Standards in Built Environment”. More than 60 officers participated. Dr. Sanjay Kumar Patro demonstrated AI-supported concrete quality assurance, Ms. Agamoni Das of Hilti India presented on post-installation anchoring system, and Er. Himanshu Sekhar Sadangi explained integrated fire safety frameworks. Er. Misra emphasised that “Safety is the first alphabet of Quality,” arguing that a safe work environment underpins in quality execution. The seminar clarified distinctions between quality and grade and highlighted the cost of poor quality, drawing strong Interest from young engineers.

(vi) Meeting with Hon'ble Minister, Odisha

On 15th May 2026, a delegation led by Er. Tripathy met Hon'ble Minister Sh. Prithviraj Harichandan at



IBC Odisha Chairman and Vice President of IBC felicitating Hon'ble Minister, Works, Excise & Law Sh. Prithviraj Harichandan, as Chief Patron of IBC

Lokseva Bhawan. The Minister advised initiatives on labour availability, in-service training, exposure visits and R&D collaboration with PWD. He was conferred Chief Patron of IBC Odisha Centre, while Er. Misra presented his book on 'Lean Construction' to the Hon'ble Minister. A subsequent Managing Committee meeting held on 21st May, 2026 reviewed progress and prepared for national engagements.

(vii) World Environment Day



World Environment Day at SOA Campus

World Environment Day was organised on 5th June, 2026 in collaboration with ITER, SoA University, Bhubaneswar, under the Chairmanship of Prof. Pravat Kumar Parhi, Vice Chairman, IBC Odisha Centre. Dr. Pravat Ranjan Beuria, Former Director, emphasized sustainable aviation, Dr. Sarat Ch. Sahu, Former Director, Regional Meteorological Science Centre. IMD Bhubaneswar & Director, Centre for Environment and Climate, SoA University spoke on climate change impacts and Er. M.R. Misra presented 'The Colour of Survival', urging a shift to circular water economy. He illustrated segregation of Blue, Green, Grey and Black water streams, highlighted massive wastage and reflected on shrinking human consciousness from reverence for rivers to reliance on bottled water. Er. Himanshu Shekhar Sarangi, Former CCE, Works Department & Technical Advisor, SOA University was felicitated for contributions to environmental protection.

B. Assam State Centre

(i) World Environment Day

The World Environment Day was celebrated with great enthusiasm at Maloibari High School near Khetri in Kamrup Metropolitan District. The programme was organized jointly by two organizations - Indian Buildings Congress Assam Center and People for Change a local NGO. Along with the students and teachers of the school, local villagers also participated in the event. The meeting emphasized awareness about environment conservation, its proper use and management and highlighted the importance of student's participation in these efforts.



World Environment Day Celebrated

The celebration was started with fruit bearing sapling plantation in the school premises at 10:00 am in the morning conducted by Er. Pulak Sarmah, Honorary Secretary, IBC – Assam State Centre (ASC). Er. Pulak Sarma explained the importance of tree plantation and its role in combating the climate change and pollution. He also emphasised the role of Indian Buildings Congress (IBC) in Environment protection and healthy living. Er. Dilip Deka, Chairman, IBC - ASC, Er. Sumitav Saikia & Er. Ambika Saloi, Trustees from People for Change (NGO) participated in the programme along with Shri Narakanta Das, Head Master of the School, Shri D. Saloi, President of the Management Committee of the School, Er. Jiten Medhi (a local resident) and many more.

The sapling plantation programme was followed by Drawing Competition and Quiz Competition among the students. Members from Organisers and Teachers from the school conducted the competitions smoothly. A large number of students participated in the competitions.

Later a meeting was organised in the Hall of the school, which was presided over by Er. Dilip Deka, Chairman, IBC - ASC. Er. Pulak Sarmah elaborated on the objectives and activities of the organizing organizations as the Honorary Secretary of IBC - ASC and Managing

Trustee of the NGO. Er. Dilip Deka delivered a detailed presentation on the theme of the World Environment Day 2026 using a Power Point projector. In his address, Er. Dilip Deka emphasised on the theme “Inspired by Nature; For Climate- For Our Future”.

Er. Jiten Medhi a local resident of Maloibari and retired Superintending Engineer of Assam State Transport Corporation Ltd. (ASTC Ltd.) also delivered a detail and informative presentation on Pollution and its affects on Environment. An Extempore Speech on Environment Protection was also organised among the students.

Prize distribution programme for Drawing Competition, Quiz Competition and Extempore Speech Competition was held in the meeting. Guests on the dais distributed the prizes among the winning students of the competitions. Some conservation of environment and motivational VDOs and short films were also screened in the programme for the students.

The event was greatly applauded by the local community.

C. Tripura State Centre

(i) World Heritage Day

A technical discussion in connection with the observance of World Heritage Day, was held on 28th April 2026, jointly organized by the Indian Building Congress (IBC), Tripura State Centre, Agartala and the District Administration, Unokoti District, Tripura at the Conference Hall of Government Circuit House, Kailashahar, Unokoti District on the theme “Emergency Response for Living Heritage in Context of Conflicts and Disaster”.

A team from IBC, Tripura State Centre led by Er. Chinmay Debnath, National President, IBC HQ, New Delhi reached Kailashahar from Agartala.



World Heritage Day

From the District Administration, Unokoti District, both the Additional District Magistrates, Er. Sagar Suman Debnath, IAS and Er. Arghya Saha, IAS graced the programme. The event witnessed active

participation from engineers and officials of various departments including PWD (all wings), Rural Development Department, District Administration and other stakeholders. A significant number of trained volunteers from the National Disaster Response Force (NDRF), popularly known as “Apada Mitra”, also participated in the programme. The programme was presided over and coordinated by Er. Madhusudan Roy, Past Chairman, IBC Tripura State Centre.

Highlights of the Programme:

The theme for World Heritage Day–2026, “Emergency Response for Living Heritage in Context of Conflicts and Disaster”, was discussed extensively with emphasis on the importance of protecting both tangible and intangible heritage during disasters and emergencies.

The technical discussion was initiated by Er. Sagar Suman Debnath, IAS, Additional District Magistrate, Unokoti District. In his inaugural address, he elaborated on the significance of the day and highlighted the importance of preservation and protection of both living heritage and monumental heritage during times of natural calamities, conflicts and emergencies.

Er. Chinmay Debnath, President Indian Building Congress, in his deliberation, highlighted the role of professional organizations like IBC in promoting awareness on heritage conservation, disaster resilience and preservation of traditional structures and cultural practices. He also encouraged engineers and professionals to actively participate in IBC activities and contribute towards sustainable development and conservation of heritage assets.

Er. Kapil Baran Bhowmik delivered the keynote presentation. He discussed the impact of traditional dance, festivals, rituals, cultural and religious activities on social cohesion and emphasized the need for their preservation during disaster situations.

Er. Arghya Saha, IAS, Additional District Magistrate, Unokoti District, in his address, discussed various local issues relating to indigenous and traditional methods of house construction using locally available materials along with adoption of improved technology for better disaster resilience. He stressed the importance of integrating traditional knowledge with modern engineering techniques for sustainable and resilient development in rural and hilly regions.

(ii) World Earth Day

Indian Buildings Congress (IBC), Tripura Centre & Institution of Public Health Engineering, India (IPHE-I), Tripura Centre jointly with TTAADC

Polytechnic Institute, Khumulwng organised the World Earth Day on the theme “Our Power, Our Planet” on 29th April 2026 at Conference Hall, TTAADC Polytechnic Institute, Khumulwng, Agartala.

The programme aimed to create awareness regarding environmental protection, sustainable infrastructure development, responsible engineering practices, renewable energy adoption, and the collective responsibility of society towards preserving the planet for future generations.

The event witnessed active participation from engineers, academicians, professionals, students, and members of various technical and educational institutions.



World Earth Day Celebrated

The programme was graced by Er. Bimal Das, Chairman, IBC Tripura Centre, who presided over the programme. Er. C. Debnath, National President, IBC; Vice President, IPHE-I; and National Past President, IE(I); Er. R.K. Majumder, IAS (Retd.), Former Director, UDD, Government of Tripura; Shri Suraj Debbarma, Principal-in-Charge, TTAADC Polytechnic Institute, Khumulwng were as Special Guest.

Er. Shyamlal Bhaumik, Chairman, IPHE-I, Tripura Centre, who delivered the Welcome Address. Dr. Sajal Debbarma, Associate Professor, Department of Electrical Engineering, TIT Narsingarh; Er. Manjuri Paul, Lecturer (Senior Scale) & HoD, Civil Engineering Department, TTAADC Polytechnic Institute; Er. Debabrata Debbarma, Honorary Secretary, IBC Tripura Centre & Superintending Engineer, PWD (NH), Tripura, were as Special Speaker.

Dr. Jaya Saha and Smt. Sreeja Saha, who delivered thematic presentations on environmental sustainability and responsible development.

Highlights of the Programme

The programme commenced with registration of participants followed by reception of dignitaries.

Er. Shyamlal Bhaumik delivered the welcome address highlighting the importance of Earth Day and the urgent need for environmental responsibility.

Er. Debabrata Debbarma, in his address, emphasized that engineers, planners, students, and professionals possess the “power” to shape the future of the planet through sustainable decisions. He elaborated practical examples from infrastructure development and road construction, stressing the importance of Minimising hill cutting, Protection of trees, Scientific disposal of construction waste, Preservation of natural streams, Slope stabilization techniques and adoption of environmentally friendly construction materials.

He further highlighted the role and objectives of the Indian Buildings Congress in promoting safe, sustainable, and innovative construction practices across the country.

The Special Guests and speakers emphasized:

- Climate change mitigation,
- Renewable energy adoption,
- Sustainable urban and rural development,
- Green engineering practices,
- Environmental education,
- Conservation of natural resources, and
- Active participation of youth and students in environmental protection.

The presentations by Dr. Jaya Saha and Smt. Sreeja Saha created awareness among students regarding sustainable living, renewable energy, and environmental conservation.

An interactive session was also conducted where participants discussed practical environmental challenges faced in Tripura and possible solutions.

Major Observations from the Programme

During the deliberations and interactions, the following important observations emerged:

- Rapid infrastructure development without adequate environmental safeguards may adversely affect hills, forests, water bodies, and biodiversity.
- Improper disposal of construction debris and hill cutting in hilly terrains of Tripura often leads to erosion, blockage of natural drainage, and environmental degradation.
- Awareness regarding sustainable construction practices among young engineers and students needs further strengthening.
- Renewable energy utilization in public infrastructure and educational institutions remains limited and requires greater encouragement.

- Environmental education should not remain limited to classroom discussions but should be connected with practical implementation and community participation.
- Coordination among technical institutions, government departments, and professional organisations is essential for sustainable development.

Recommendations to the Government

In order to make the observance of World Earth Day truly meaningful and action-oriented, the following recommendations are proposed for consideration by the Government of Tripura and concerned authorities:

a. Sustainable Infrastructure Development

1. Mandatory environmental safeguards should be incorporated in all infrastructure and road projects, particularly in hilly terrains.
2. Scientific slope stabilization, bio-engineering methods, and proper drainage systems should be adopted in road and building construction projects.
3. Disposal of construction muck and debris should be strictly regulated to prevent blockage of natural streams and ecological damage.
4. Government projects should encourage the use of eco-friendly and low-carbon construction materials.

b. Green Policy & Plantation

5. A compensatory plantation policy should be strictly implemented where multiple trees are planted against every tree removed during developmental activities.
6. Regular monitoring and maintenance of plantation drives should be ensured through local bodies and educational institutions.
7. Hill cutting and deforestation activities should be scientifically regulated.

c. Renewable Energy & Energy Efficiency

8. Government buildings, educational institutions, and public infrastructure should gradually adopt solar energy systems and energy-efficient technologies.
9. Incentives may be provided for green buildings and renewable energy initiatives in both urban and rural areas.

d. Environmental Education & Skill Development

10. Technical institutions and engineering colleges should include practical training on sustainable engineering and climate-resilient infrastructure.
11. Regular workshops, awareness campaigns, technical seminars, and student competitions on environmental sustainability should be organised at district and state levels.
12. Students should be encouraged to undertake field-based environmental projects and community awareness activities.

e. Waste Management & Water Conservation

13. Scientific solid waste management and recycling practices should be strengthened in both urban and rural areas.
14. Rainwater harvesting systems should be promoted in government buildings, schools, and institutions.
15. Protection and rejuvenation of natural water bodies and streams should be prioritised.

f. Institutional Collaboration

16. Government departments may collaborate with professional bodies such as IBC, IPHE-I, IE(I), academic institutions, and environmental organisations for policy discussions and implementation of sustainable development initiatives.
17. A state-level technical advisory forum on sustainable infrastructure and environmental protection may be constituted.

Conclusion

The observance of World Earth Day 2026 successfully created awareness among professionals, students, and stakeholders regarding the urgent need to protect our environment and adopt sustainable development practices.

The programme highlighted that environmental protection is not solely the responsibility of governments or institutions, but a collective duty of every citizen. Engineers, planners, students, and policymakers possess the power to shape a greener and healthier future.

The organisers expressed hope that the discussions, presentations, and recommendations emerging from the programme would inspire practical action and contribute towards building a sustainable, environmentally responsible, and resilient Tripura and India.

(iii) World Environment Day

The Indian Buildings Congress (IBC), Tripura Centre organized World Environment Day with theme "Inspired by Nature. For Climate. For Our Future" on 7th July, 2026 at Conference Hall, Netaji Chowmuhani PWD Complex, Agartala, Tripura.

The objective of World Environment Day is to create awareness about environmental conservation, climate change, and sustainable development. The event was attended by engineers, architects, government officials & academicians.

Dignitaries Present

The programme was graced by the following distinguished guests:

Er. C. Debnath, President IBC, National Past President, Institution of Engineers (India) – Special Guest; Er. Debabrata Debbarma, Honorary Secretary, IBC, Tripura Centre; Er. R. K. Majumder, IAS (Retd.), Former Director, Urban Development Department; Smt. Antara Chowdhury, IT Officer, Tripura State Pollution Control Board – Keynote Speaker. Government of Tripura; Er. Bimal Das, Chairman, IBC, Tripura Centre – President of the programme.

Programme Proceedings

The programme commenced with the registration of participants, officials, and members, followed by the reception of the dignitaries.

The programme commenced with the welcome address by Er. Debabrata Debbarma, Secretary, IBC, Tripura Centre, who highlighted the importance of environmental protection and the role of engineers and planners in promoting sustainable infrastructure. The theme "Inspired by Nature. For Climate. For Our Future" emphasized adopting nature-based solutions to address climate challenges.



Er. C. Debnath, President of the Indian Buildings Congress (IBC), highlighted the crucial role of engineers in advancing sustainable development through green buildings, energy-efficient infrastructure, eco-friendly construction technologies, and climate-resilient

engineering practices. He emphasized the importance of innovation, resource efficiency, and environmental responsibility in infrastructure development, while outlining IBC's role in promoting professional excellence through knowledge sharing, technical capacity building, research, and dissemination of best practices for creating safe, sustainable, and resilient built environments.

Address by Er. R. K. Majumder

Er. R. K. Majumder elaborated on:

- The origin of World Environment Day, first celebrated in 1973 following the 1972 United Nations Conference on the Human Environment held in Stockholm.
- Nature as the greatest source of inspiration for sustainable development.
- The impact of climate change due to rapid urbanization, industrialization, and increasing carbon emissions.
- The responsibility of governments, industries, and citizens in reducing greenhouse gas emissions.
- India's achievements in environmental protection, including cleaner cities, promotion of electric vehicles, renewable energy, and sustainable construction materials.
- Use of eco-friendly materials such as bamboo as an alternative to conventional construction materials due to its renewability, strength, and low carbon footprint.
- Proper segregation, recycling, and scientific disposal of waste materials.
- The importance of achieving the United Nations Sustainable Development Goals (SDGs) through collective action.

Keynote Address by Smt. Antara Choudhury, IT Officer

The keynote speaker discussed:

- Conservation of nature as a shared global responsibility.
- The evolution of World Environment Day from the Stockholm Conference (1972) to its first celebration in 1973.
- The concept of "One Earth" and sustainable living.
- Climate change and global warming, with examples of increasing extreme weather events across Europe and other regions.

- The importance of raising public awareness and encouraging climate action at individual and community levels.
- The adverse impacts of fossil fuel burning and deforestation.
- The greenhouse effect, explaining how gases such as carbon dioxide act like a "blanket" around the Earth, trapping heat and causing global warming.
- India's Mission Life (Lifestyle for Environment) launched in 2021, promoting environmentally responsible lifestyles.
- Outcomes of COP26, emphasizing commitments towards reducing carbon emissions and achieving net-zero goals.
- The seven key components of sustainable living, including waste reduction, sustainable food habits, energy conservation, water conservation, green mobility, tree plantation, and healthy lifestyles.

Interactive Session

Participants actively discussed measures for environmental protection, including:

- Reducing single-use plastics.
- Increasing tree plantation.
- Promoting electric vehicles and public transport.
- Conserving water and energy.
- Using sustainable building materials.
- Scientific waste management and recycling.

Conclusion

The programme concluded with a vote of thanks by Er. Bimal Das, Chairman, IBC, Tripura Centre, reiterating that environmental protection requires collective responsibility. Participants resolved to adopt sustainable practices in their personal and professional lives and contribute towards building a cleaner, greener, and climate-resilient future.

The event successfully enhanced awareness regarding climate change, conservation of natural resources, sustainable development, and the importance of individual and institutional action in protecting the environment for future generations.

D. Arunachal Pradesh State Centre

(i) World Heritage Day

The World Heritage Day was celebrated on 29th April 2026 at Conference Hall of the Indian Buildings



World Heritage Day Celebrated

Congress, Arunachal Pradesh Centre Itanagar, Western Zone, PWD Office Campus, Papumpare District, Arunachal Pradesh with the theme "Emergency Response for Living Heritage in Contexts of Conflicts and Disasters". This theme highlights the urgent need to protect both tangible monuments and intangible traditions (rituals, arts) from disasters and conflict. It emphasizes proactive disaster risk management, community preparedness, and strengthening resilience to safeguard cultural sites. The Programme saw active participation from various Engineers & other officials of Arunachal Pradesh PWD.

The Programme started with welcome & keynote address by Dr. Toli Basar, Chairman & Vice President IBC, while addressing the delegates he has sharing his insightfulness on the theme of the day. He explained on how World Heritage Day is celebrated throughout world and countries While taking the opportunity, he also highlighted the importance of IBC.

The Programme followed with speech from the Chief Guest Shri Nyakar Raksap General Secretary Galo Welfare Society; while speaking on the Theme, he also shared his practical experiences highlighting the importance of Heritage standards in their role in identifying, protecting, and preserving both tangible (monuments, sites) and intangible (traditions, skills) cultural and natural treasures for future generations.

(ii) World Earth Day

The World Earth Day was celebrated on 13th May 2026 at Conference Hall of the Indian Buildings Congress, Arunachal Pradesh Centre Itanagar, Western Zone, PWD Office Campus, Papumpare District, Arunachal Pradesh with the theme IIOur Power, Our Planet IIThis theme highlights thecollective, community-drivenactionneededto accelerate thetransition to renewable energy and combat climate change. It focuses on empowering individuals, holding institutions accountable, and speeding up the shift to clean, sustainable electricity by 2030. The Programme saw



World Earth Day Celebrated

active participation from various Engineers & other officials of Arunachal Pradesh PWD.

The Programme started with welcome & keynote address by Dr. Toli Basar, Chairman & Vice President IBC, while addressing the delegates he has sharing his insights on the theme of the day. He explained on how World Earth Day is celebrated throughout world and countries While taking the opportunity, he also highlighted the importance of IBC.

The Programme followed with speech from the Chief Guest Dr. Monya Kato, Jini Joint Director Animal husbandry & Veterinary; while speaking on the Theme, she also shared her practical experiences highlighting the importance of Earth in their role the only known planet that supports life, acting as our sole hab it at in the universe. It provide essential resources for survival- including water, breathable oxygen, fertile land, and as stable climate- while fostering immense biodiversity and regulating ecosystems, making its preservation crucial for human survival.

(iii) World Environment Day

World Environment Day was celebrated on 20th May, 2026 at the Conference Hall of the Indian Buildings Congress (IBC), Arunachal Pradesh Centre, in the PWD Office Campus (Western zone) in Itanagar, Papumpare District.

The event was organized under the global theme "Inspired by Nature for Climate for Our Future," which



World Environment Day Celebrated

focuses on accelerating renewable energy adoption, transitioning to green economies, reversing ecosystem degradation, and deploying nature-based solutions to combat the escalating climate crisis. The -program saw active participation from engineers and senior officials of the Arunachal Pradesh Public Works Department (APPWD). A total of 25 members participated in the event.

Dr. Toli Basar, Chairman of the IBC Arunachal Pradesh Centre and National Vice President of IBC initiated the proceedings with a welcome and keynote address. In his speech, He shared deep insights into the significance of the global theme and discussed how World Environment Day is observed globally. He also utilized the platform to highlight the pivotal role and ongoing contributions of the Indian Buildings Congress in promoting sustainable development.

Shri Dobin Doko Lendo, IFS (DFO, DCF Retd. & OSD to Minister Forest, Environment & Climate Change) was the Chief Guest. He shared valuable practical insights from his administrative and field experience. He emphasized that the environment serves as humanity's primary life-support system, providing clean air, fresh water, and fertile soil. He further stressed that a healthy ecosystem is vital for regulating the climate, driving the natural resource economy, and ensuring human physical and mental well-being.

Adding further technical and community perspective to the event, Er. Jummy Taba, Executive Engineer, PWD spoke on the critical importance of collective action and individual responsibility in environmental conservation.

The event concluded with a vote of thanks delivered by Shri Nani Donyi, Office Secretary of the IBC Centre, who expressed appreciation to all members and delegates for their active participation and commitment to green engineering practices.

E. Chhattisgarh State Centre

(i) World Environment Day

Indian Buildings Congress, Chhattisgarh State Chapter organised World Environment Day on 5th June 2026 at Raipur.

Prof. Rajesh B. Thakare, Vice Chairman and Governing Council member welcomed the technical speakers Dr. Nihal Singh Verma and Dr. Ninad Bodhankar. He highlighted the United Nations Environment Programme theme for 2026 and underlined the urgency of addressing climate change and biodiversity loss. He also drew attention to national trends reported



World Environment Day Celebrated

in India's State of Environment 2026 showing extreme weather impacts and significant forestland diversion.

Dr. Debasis Sanyal, Chairman of the Centre, explained the importance of World Environment Day as a platform to translate global priorities into local action for sustainable urban development.

Technical Presentations

(i) Impacts of Brownfields and the importance of Brownfield Redevelopment in creating sustainable and resilient cities.

Speaker: Dr. Nihal Singh Verma, Faculty and Researcher, Department of Architecture, National Institute of Technology, Raipur.

Key points:

- Definition and impacts of brownfields and their implications for urban health, land use, and resilience.
- Importance of brownfield redevelopment as a strategy to reduce pressure on greenfield sites and to revitalize urban cores.

Local scope: Specific opportunities and constraints for brownfield redevelopment in Raipur and across Chhattisgarh.

Case studies: Comparative examples from India and international contexts illustrating technical approaches, policy instruments, financing models, and community engagement practices that enabled successful brownfield reuse.

Takeaway: Brownfield redevelopment can deliver sustainable urban regeneration while protecting remaining natural areas and supporting climate adaptation.

(ii) Investigative Test Methods to Protect the Environment

Speaker: Dr. Ninad Bodhankar, Professor, Department of Geology, Pandit Ravishankar Shukla University, Raipur.

Key points:

- Overview of investigative test methods relevant to environmental protection and site assessment.
- Earth resistivity testing and other geophysical techniques as tools to detect subsurface contamination, map groundwater pathways, and inform remediation planning.

Case studies: A 25-year retrospective of field investigations across India demonstrating how systematic testing guided remediation, risk reduction, and sustainable redevelopment decisions.

Takeaway: Robust investigative methods are essential to ensure brownfield redevelopment is safe, cost effective, and environmentally sound.

F. Puducherry UT

(i) One Day Capacity Building Programme Jointly Organised By IBC Tamil Nadu State Centre and IBC Puducherry Centre.

One day Capacity Building Programme was jointly organised on 11th April 2026 by IBC Tamil Nadu State Centre and IBC Puducherry Centre at Auroville, near Puducherry. This programme helped in enhancing knowledge and exposure to climate-responsive construction practices and environment friendly and cost effective building materials and construction methods developed by the Centre for Scientific and Research at Auroville.



One Day Capacity Building Programme Celebrated

Members from IBC Puducherry Centre participated in the Capacity Building Programme.

(ii) World Heritage Day

World Heritage Day 2026 was celebrated by the Indian Buildings Congress Puducherry Centre in co-ordination with Public Works Department, Puducherry on 27.04.2026 in the Conference Hall of PWD, Puducherry.

The celebration was attended by about 45 Nos. of Engineers of various cadre of PWD, Puducherry and members of IBC Puducherry Centre.



World Heritage Day Celebrated

Er. M. Kandar Selvan, Honorary Secretary of IBC Puducherry Centre welcomed the participants. Er. K. Veeraselvam, Chief Engineer, PWD, Puducherry who was the Guest of Honor of the Celebration gave felicitation speech. Dr. S. Thirougnaname, Chairman of IBC Puducherry Centre gave presidential address. Ar. Arul, Co-convenor of INTACH gave a speech on the Theme: “Emergency Response for Living Heritage in Context of Conflicts and Disaster”.

The programme concluded with vote of thanks delivered by Er. Vidjea Nehru Velayutham, Treasurer, IBC Puducherry Centre.

(iii) World Earth Day

World Earth Day was celebrated by the Indian Buildings Congress Puducherry Centre in co-ordination with Public Works Department, Puducherry on 29.04.2026 in the Conference Hall of PWD, Puducherry. The celebration was attended by about 50 Nos. of Engineers of various cadre of PWD, Puducherry and members of IBC Puducherry Centre.



World Earth Day Celebrated

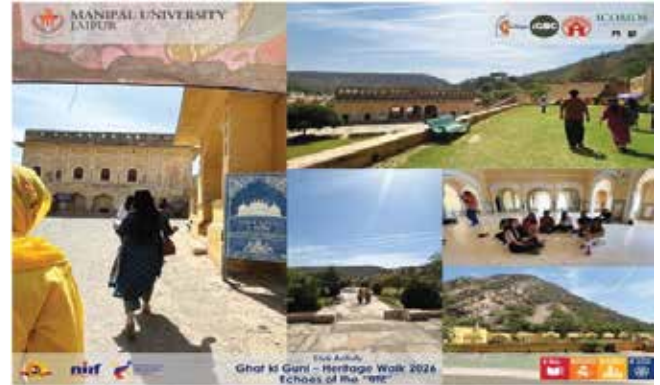
Dr. S. Thirougnaname, Chairman of IBC Puducherry Centre welcomed the participants. Er. K. Veeraselvam, Chief Engineer, PWD, Puducherry who was the Guest of Honor of the Celebration felicitated the function. Dr. K. Srinivasamoorthy, Professor and Head of the Department of Earth Sciences, Pondicherry University gave a speech on “Ground Water Resources of Puducherry: Insights and Initiatives for Sustainable Development”.

The programme concluded with vote of thanks delivered by Er. M. Kandar Selvan, Honorary Secretary of IBC Puducherry Centre.

G. Rajasthan State Centre

(i) World Heritage Day

The Indian Building Congress – Rajasthan Centre, in collaboration with Heritage Club-MUJ, IGBC–Student Chapter, DRONAH, and ICOMOS, successfully conducted a Heritage Walk at Ghat Ki Guni, Jaipur on 16th April 2026 to commemorate World Heritage Day, aligned with the theme “Emergency Response for Living Heritage in Contexts of Conflicts and Disasters.”



World Heritage Day Celebrated

The initiative was guided by Shri K.C. Meena, Chairman, and Dr. (Prof.) Madhura Yadav, Honorary Secretary, Rajasthan Centre whose contribution in pre-event planning, site selection and academic structuring ensured meaningful learning outcomes.

The event witnessed active participation from students and faculty, offering an immersive learning experience that connected cultural heritage with resilience and risk preparedness. Guided by experts, participants explored the historic landscape: temples, stepwells, Mughal gardens, and pathways, through the lens of vulnerability and conservation, with discussions highlighting the significance of safeguarding living heritage systems against natural and human-induced risks. The program also included a photography competition, encouraging participants to creatively document heritage elements with a focus on risk, resilience, and continuity, thereby fostering critical awareness on integrating heritage conservation with disaster preparedness and sustainable design practices.

(ii) World Environment Day

Manipal University Jaipur celebrated World Environment Day on 5th June 2026, through the “Ek Ped Maa Ke Naam” initiative in collaboration with the IBC Student Chapter, MUJ, NCC Air Wing, and the Directorate of Student Welfare. The event promoted environmental stewardship by encouraging

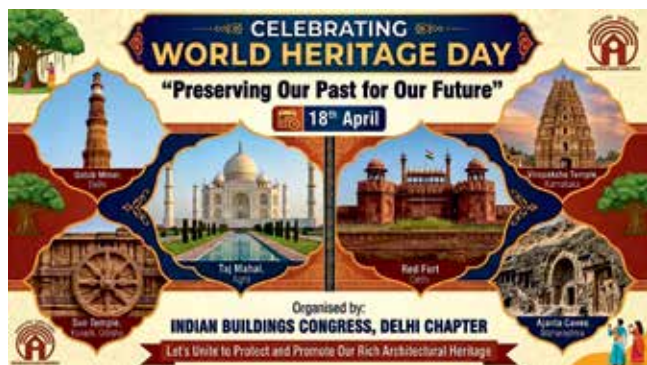


World Environment Day Celebrated

participants to plant a tree in honour of their mothers while contributing to a greener future. The initiative witnessed enthusiastic participation from university leadership, faculty members, staff, and NCC cadets, who undertook a campus-wide sapling plantation drive. Bird feeders were also installed across the campus to support local biodiversity and enhance ecological awareness. The celebrations included a visit to the campus nursery to review ongoing plantation activities and sapling cultivation efforts. The initiative was guided by Shri K.C. Meena, President, IBC Rajasthan State Centre and Prof. (Dr.) Madhura Yadav, Honorary Secretary, IBC Rajasthan State Centre, whose support and guidance contributed significantly to the successful execution of the event and its environmental outreach.

H. Delhi State Centre

(i) World Heritage Day



World Heritage Day Celebrated

The Heritage Day was celebrated in Delhi State Centre on 18th April, 2026.

I. Kota Local Centre

(i) World Heritage Day

The Indian Buildings Congress (IBC), Kota Local Centre organized World Heritage Day with an educational tour at the historic Rao Madho Singh Museum, Garh Palace, Kishorepura Gate (Tipta) on 18 April 2026.

This initiative was undertaken with the objective of fostering awareness and appreciation of India's rich cultural heritage among students. Participants from Government Senior Secondary Sanskrit School, Kota, along with students from other institutions, enthusiastically took part in the program. During the visit, students were guided through various sections of the museum, where they observed invaluable historical artifacts, heritage collections, and the remarkable architectural features of Garh Palace. The experience enabled them to witness history in its living form and understand the significance of preserving our cultural and architectural legacy. The heritage walk further enhanced their learning by providing on-site exposure and contextual understanding.

The initiative received positive local media coverage, recognizing it as a meaningful and impactful effort to connect young minds with heritage on the occasion of World Heritage Day.

(ii) World Earth Day



World Earth Day Celebrated

Indian Buildings Congress (IBC), Kota Local Centre, organized World Earth Day and Seminar on 23rd April 2026 at Meeting Hall, P.W.D. Campus, Nayapura, Kota on the theme on "Conservation of Earth Resources – In and Around Us". The aim of program was to create awareness about environmental conservation and promote sustainable practices among engineers and professionals.

Dignitaries were present in the Seminar :-

Chief Guest: Er. M. L. Kalwar (Retd. Addl. Chief Engineer, PWD); President of the Program: Er. V. K. Jain (Adviser Engineering, KDA); Special Guest: Er. R. P. Sharma (Retd. Ex. En., PWD); Keynote Speaker: Dr. Praveen Agrawal (Former Professor, RTU Kota); Er. P. K. Jain (Founder Chairman, Retd. Chief Engineer, PWD); Er. Suresh Kumar Bairwa (Immediate Past Chairman, Addl. Chief Engineer, PWD) and Dr. B. P. Suneja (Retd. Professor, RTU)

Program Highlights

- Welcome Address by Er. Hemant Kumar Sharma, Chairman

- Keynote Address by Dr. Praveen Agrawal
- Interactive Question & Answer Session

Key Points:

- The keynote speaker, Dr. Praveen Agrawal, elaborated in detail on measures for the conservation of Earth's resources. He explained techniques for soil conservation, including the use of bricks made from waste fly ash generated by thermal power plants. He expressed concern over the indiscriminate extraction of stones from hills. He also discussed methods to reduce the use of limestone in cement production.

Furthermore, he explained Indian standard provisions regarding the use of alternative waste materials in place of conventional aggregates (gravel/stone) used in construction. He presented a case study on the use of solar energy in residential buildings, encouraging participants to adopt such practices. He also shared recent research on producing aggregates from plastic and electronic waste.

- Er. M. L. Kalwar encouraged adopting small but impactful steps in daily life for environmental protection.
- Er. V. K. Jain highlighted the role of engineers in promoting eco-friendly development.
- Er. R P Sharma clearly explained that the universe and the human body are composed of the five elements—earth, water, fire, air, and space. The balance of these elements forms the foundation of nature as well as human health and development, whereas their imbalance gives rise to diseases and natural disasters. From a philosophical perspective, he emphasized that respecting nature and living in harmony with it is the true path to happiness, good health, and a meaningful life.
- Er. P. K. Jain underlined the importance of awareness as the first step toward conservation.
- Er. Suresh Kumar Bairwa stressed on importance and main aims of Celebration of World Earth Day 2026. He also said that Theme of Celebration for this year is Our Planet - Our Power.
- Prof. Dr. B. P. Suneja pointed out that in the process of development to make our lives comfortable and luxurious, we have moved from “Sanatanwadi” to “Bhautikwadi”. As a result, development has deviated from its true path of sustainability which endangered the life of earth and its environment. Hence, we should realise the importance of Indian

ancient knowledge / Vedic Shiksha for protecting the earth and its resources.

Participation :

The seminar witnessed active participation from members and professionals.

The program concluded with a Vote of Thanks by Er. Manish Jain, Hon. Secretary. The event conveyed a strong message on the importance of environmental conservation through collective efforts.

(iii) World Environment Day

Indian Buildings Congress (IBC), Kota Local Centre, organized World Environment Day on the theme "Clearing the Skies of Kota City" on 5th June 2026 at Meeting Hall, P.W.D. Campus, Nayapura, Kota. The programme was aimed at promoting environmental awareness, sustainable development, pollution control and citizen participation in environmental conservation.



World Environment Day Celebrated

Dignitaries Present

Chief Guest: Er. M. L. Kalwar (Retd. Addl. Chief Engineer, PWD); President of the Programme: Er. V. K. Jain (Adviser Engineering, KDA); Special Guest: Er. R. P. Sharma (Retd. Ex. En., PWD); Keynote Speaker: Dr. Praveen Agrawal (Former Professor, RTU Kota); Er. P. K. Jain (Founder Chairman, Retd. Chief Engineer, PWD); Er. Suresh Kumar Bairwa (Immediate Past Chairman, Addl. Chief Engineer, PWD) and Dr. B. P. Suneja (Retd. Professor, RTU).

The programme was graced by Dr. Mahendra Singh, Director & Professor, Agriculture University, Kota as the Chief Guest. The programme was presided over by Er. Padam Kumar Jain, Former Chairman, IBC Kota Local Centre, while Er. Rajendra Kumar Tandon attended as the Special Guest. The programme commenced with a welcome address by Shri Sunil Garg, Vice Chairman, IBC Kota Local Centre, who welcomed the dignitaries and participants.

The keynote lecture was delivered by Dr. Monika Sharma, Guest Faculty, Engineering College Baran on the topic "Clearing the Skies of Kota City." She emphasized that environmental protection requires active participation of citizens along with governmental efforts. She highlighted the importance of reducing single-use plastic, maintaining cleanliness and adopting environmentally responsible lifestyles.

Addressing the gathering, Dr. Mahendra Singh stressed the importance of balancing development with environmental conservation. He suggested that at least two trees should be planted whenever a new building or infrastructure project is undertaken. He also administered the Environmental Protection Pledge to all participants and encouraged collective efforts towards environmental sustainability.

In his presidential remarks, Er. Padam Kumar Jain emphasized the need for continuous environmental awareness and motivational initiatives through the IBC platform. He advocated sustained public engagement for creating a greener and cleaner future.

Er. Rajendra Kumar Tandon, Special Guest, highlighted that maintaining a clear environment is the moral responsibility of every citizen and appealed for active participation in cleanliness, water conservation and tree plantation activities.

The event concluded with a collective commitment towards environmental protection

(iv) 12th International Day of Yoga 2026



International Day of Yoga Celebrated

The Indian Buildings Congress (IBC), Kota Local Centre actively participated in the celebration of the 12th International Day of Yoga 2026 through a three-day Yoga and Wellness Cam organized from 19th to 21st June 2026 at Swami Vivekanand Senior Secondary School, Mahaveer Nagar III, Kota (Rajasthan).

The camp was conducted by Yoga From Heart Kota under the guidance of Yoga Acharya Er. Manish Jain, Hony. Secretary, IBC Kota Local Centre. Executive Member of Jain Engineer Society (JES), Kota Centre and Yoga Master & Therapist certified by the Yoga Certification Board. Ministry of AYUSH, Government of India.

Members of IBC Kota Local Centre, along with their family members, actively participated the daily yoga sessions conducted from 6:30 AM to 8:30 AM. The programme commenced each day with a motivational song presented by Music Group Kota, followed by systematic yoga practices as per the Common Yoga Protocol, including loosening exercises, various asanas, pranayama meditation, relaxation techniques and health awareness sessions.

During the camp, participants were sensitized to the theme of International Day of Yoga 2026, "Yoga for Healthy Ageing". Special emphasis was placed on adopting yoga as a regular lifestyle practice for enhancing physical fitness, mental well-being, stress management, and healthy longevity.

The participants practiced various yogic techniques including Tadasana, Vrikshasana, Vajrasana, Bhujangasana, Pawanmuktasana, Kapalabhati, Nadi Shodhana and Bhramari Pranayama. The sessions concluded with meditation and prayer, while on the final day all participants took the Yoga Pledge affirming their commitment towards a healthy lifestyle. The programme concluded with the National Anthem.

In addition to participation at the main venue, several members also joined yoga activities organized at public parks, community centres, educational institutions, stadiums and riverfront locations across Kota, thereby contributing to the wider public observance of International Day Yoga.

The event witnessed enthusiastic participation and successfully promoted awareness regarding preventive healthcare, holistic wellness and the importance of integrating yoga into daily life.

J. Durg Local Centre World Environment Day

IBC Durg Local Centre organized World Environment Day on 6th June, 2026.



World Environment Day Celebrated

V. National News

Robotic Survey to avoid Monsoon mess NDMC

New Delhi Municipal Council (NDMC) has rolled out its technology driven Monsoon Action Plan 2026 to minimise waterlogging during the rainy season.

For the first time, NDMC has introduced robotic surveys of covered drains, with the pilot project launched at

Q Point near Taj Palace hotel. Vice Chairman Kuljeet Chahal said the technology would help identify silt accumulation, blockages, damaged sections and water stagnation points.

NDMC has also completed GIS mapping of its stormwater infrastructure including bell mouths, connecting pipelines and manholes, to enable quicker identification of blockages and better monitoring during heavy rain, "Chahal said while unveiling the action plan.

Acting on directions of National Green Tribunal deep desilting of Sunheri Pul Nullah near Dyal Singh College is also underway with assistance from Delhi Metro Rail Corporation.

Inspections of roads, bridges rainwater harvesting pits and electrical systems are also being carried out. NDMC's drainage network spans 578km, comprising 11,907 manholes and 14,264 gully gratings, all of which discharge into Kushak and Sunheri Pul nullahs before flowing into the Barapullah drain.

To tackle low-belly are as, the action plan recommends regular GIS-based updating of the entire underground drainage network with statistical data for year-round monitoring and better planning during the non-rainy season.

☆☆☆

New Members enrolled during 01/04/2026 to 30/06/2026

Individual Members:

S.No.	M. No.	Name	Qualification	Designation	Department	City	State
1	ML-10758	Er.Amandeep	B.Tech.	Junior Engineer	Haryana PWD (B&R)	SHAHABAD (M)	Haryana
2	ML-10759	Er.Partha PratimDas	B.Tech. (Civil)	Project Manager	Ven Consulting India Pvt. Ltd.	LUDHIANA	Punjab
3	ML-10760	Er.Aswini KumarBiswal	B.Sc (Engg.)	CGM (Civil)-II	IDCO	BHUBANESWAR	Odisha
4	ML-10761	Er.AshokSingh	B.E., M.Tech.	Former Executive Engineer	Rural Works Department, Bihar	PATNA	Bihar
5	ML-10762	Er.Kunal	B.Tech. (Civil)	Junior Engineer	Haryana PWD (B&R)	BAHADURGARH	Haryana
6	ML-10763	Dr.V.R. SenthilKumar	B.E., M.Sc., Ph.D (HC)	Former Chief Technical Officer	ICAR	COIMBATORE	Tamil Nadu
7	ML-10764	Er.Bobade RajuSadashivrao	B.E. (Civil)	Executive Engineer	Maharashtra PWD	THANE	Maharashtra
8	ML-10765	Er. (Ms.)AnitaSingnath	M.Tech.	Executive Engineer	TGEWIDC	HYDERABAD	Telangana

9	ML-10766	Er.Bera VenkataRamanaiah	AMIE(Civil)	Executive Engineer	Telangana R&B Deptt.	HYDERABAD	Telangana
10	ML-10767	Er.Pradipta KishoreDe	B.E. (Civil)	Executive Engineer	Tripura PWD	AGARTALA	Tripura
11	ML-10768	Er.Sunil Kumar C.Prabha	B.E. (Civil)	Executive Engineer	Health & Family Welfare	BIDAR	Karnataka
12	ML-10769	Er.Shashank	B.Tech. (Civil)	Executive Engineer (Civil)	Haryana PWD (B&R)	JIND	Haryana
13	ML-10770	Er.Atul KumarSingal	B.E. (Civil)	Executive Engineer	Jharkhand BCD	JAMSHEDPUR	Jharkhand
14	ML-10771	Er.RiteshYadav	B.Tech. (Civil)	Executive Engineer	Haryana PWD (B&R)	GURUGRAM	Haryana
15	ML-10772	Er.AkshayGupta	B.Arch., M.Arch (Urban Design)	Assistant Professor	Manipal University	JAIPUR	Rajasthan
16	ML-10773	Er.RavindraJena	MIE in Civil Engg.	Addl. Chief Engineer	Works Deptt. Govt. of Odisha	BHUBANESWAR	Odisha
17	ML-10774	Er.Mohd. HafeezuddinFarooqi	B.E. (Civil)	Dy. Chief Engineer (Bldgs.)	Roads & Buildings Deptt.	HYDERABAD	Telangana
18	ML-10775	Er.ChandrappaH.	Diploma in Civil	Former Assistant Executive Engineer	Karnataka PWD	BENGALURU	Karnataka
19	ML-10776	Er.SheikhHazim	B.Tech., M.E.		Indian Institute of Technology Tirupati	SRINAGAR	J & K
20	ML-10777	Er. Kandhavelle Sinouvassane	M.E.	Consulting Engineer			Puducherry
21	ML-10778	Er.H.N.Honnesappa	Diploma in Civil Engg.	Former Assistant Executive Engineer	Karnataka PWD	TUMAKURU	Karnataka
22	ML-10779	Er.DamodarKaibartta	B.E. (Civil)	Addl. Chief Engineer	Odisha PWD	BHUBANESWAR	Odisha
23	ML-10780	Er.(Ms.)KevisenoSophie	B.Tech. (Civil)	Sub-Divisional Officer	Nagaland PWD	KOHIMA	Nagaland
24	ML-10781	Er. (Ms.) PusuzenlaLongkumer	B.E. (Civil)	Sub-Divisional Officer	Nagaland PWD (R&B)	KOHIMA	Nagaland
25	ML-10782	Er.(Ms.)RaveluNienu	B.E. (Civil)	Sub-Divisional Officer	Nagaland PWD	KOHIMA	Nagaland
26	ML-10783	Er.Saroj KumarPadhi	AMICE Civil Engg.	Director	Bimedge Private Limited	BHUBANESWAR	Odisha
27	ML-10784	Er.(Ms.)S.Kihola	B.Tech. (Mech.)	Mechanical Engineer	Nagaland PWD	KOHIMA	Nagaland
28	ML-10785	Er.Akashay KumarMahatha	B.Tech. (Civil), M.Tech. (Geomatics)	Assistant Engineer	Cabinet Sectt.& Vigilance Deptt.	BOKARO	Jharkhand
29	ML-10786	Er.Ashok KumarGiri	B.Sc Engg. (Civil)	Former E-in-C (Civil)	Works Deptt., Govt. of Odisha	BHUBANESWAR	Odisha
30	ML-10787	Er.Prafulla KumarNaik	B.E. (Civil), AMIE	Former Addl. Chief Engineer	Works Deptt., Govt. of Odisha	BHUBANESWAR	Odisha
31	ML-10788	Er.JohnD.	B.E., ME, MBA	Executive Engineer	Tamil Nadu PWD	CHENNAI	Tamil Nadu
32	ML-10789	Er.Binod KumarPadhy	AMIE (Civil)	Former Superintending Engineer	Works Deptt., Govt. of Odisha	GANJAM	Odisha
33	ML-10790	Er.S.P.Gangadhar	Diploma in Civil Engineering	Former Asstt. Executive Engineer	Karnataka PWD	BENGALURU	Karnataka
34	ML-10791	Er.Partho RanjanBaksi	B.Tech. (Civil)			KOLKATA	West Bengal

35	ML-10792	Er.(Ms.)TejaswaniShukla	M.Tech.	Executive Engineer	MP PWD	SINGRAULI	Madhya Pradesh
36	ML-10793	Er.MilinMittal	B.Tech (Civil), M.Tech.(Water Resource Engg.), DLL&LW, LLB	Executive Engineer	MES	AGRA	Uttar Pradesh
37	ML-10794	Er.Arun KumarYadav	B.Tech (Civil), M.Tech.(WR)	Assistant Engineer	Irrigation & Water Resources Deptt.	LUCKNOW	Uttar Pradesh
38	ML-10795	Dr.SanchitGupta	Ph.D	Senior Research Associate	Indian Institute of Technology Indore	BHOPAL	Madhya Pradesh
39	ML-10796	Er.Mohd.Kamran	M.Tech. (Strct Engg.)	Executive Engineer	UP PWD	ALIGARH	Uttar Pradesh
40	ML-10797	Er.PraveenChouhan	B.Tech. (Civil)	Assistant Engineer (Civil)	Department of Posts	BHOPAL	Madhya Pradesh
41	ML-10798	Er.UtkarshBhardwaj	B.E. (Civil)	Executive Engineer	Irrigation & Water Resources Deptt.	LUCKNOW	Uttar Pradesh
42	ML-10799	Er.JayaramaG.D.	Diploma in Civil Engg.	Former Assistant Executive Engineer	Karnataka PWD	BANGALORE	Karnataka
43	ML-10801	Er.AkhileshKumar	B.E. (Civil), M.Tech. (Civil)	Former HoD	Irrigation & Water Resources Department	LUCKNOW	Uttar Pradesh
44	ML-10802	Er. Mukkanna Naik J R	B.E. (Civil)	Chief Engineer	Irrigation Department	BENGALURU	Karnataka
45	ML-10803	Er.Ashok KumarSingh	B.E. (Civil)	Engineer-in-Chief	Irrigation & Water Resources Department	LUCKNOW	Uttar Pradesh
46	ML-10804	Er.Shiv PrasadMaurya	B.E. (Mechanical)	Chief Engineer	U.P. Irrigation Department	LUCKNOW	Uttar Pradesh
47	ML-10805	Er.Kaushal RamanPrajapati	M.E. (Civil Engg.)	Former Superintending Engineer	U.P. Irrigation Department	HARHUA	Uttar Pradesh
48	ML-10806	Dr.Pradip KumarPradhan	Ph.D (Civil Engg.), M.S. (Engg.), B.S (Engg.)	Former Professor	VSSUT, Burla	BHUBANESWAR	Odisha
49	ML-10807	Er.Pradip KumarSamal	B.Sc. Engg.	Former Engineer-in-Chief	Odisha Works Department	BHUBANESWAR	Odisha
50	ML-10808	Er. (Ms.)SahanaM.	B.E., M.Tech.	Assistant Executive Engineer	Karnataka Housing Board	UDUPI	Karnataka
51	ML-10809	Er.SounakSarkar	B.E. (Civil)	Assistant General Manager	CEM India Projects Limited	HOWRAH	West Bengal
52	ML-10810	Er.ArabindaKundu	B.Tech. (Civil)	Consultant (Civil)	Birla Industrial & Technological Museum	KOLKATA	West Bengal
53	ML-10811	Er. Sathish Prabu Kumar V	B.E.	Assistant Executive Engineer	Tamil Nadu PWD	NEW DELHI	Delhi
54	ML-10812	Er.SachinAgrawal	B.Tech.	Assistant Engineer	Jharkhand PWD	HAZARIBAGH	Jharkhand
55	ML-10813	Er.Deepak KumarMahato	Bachelor of Science (Engg.)	Executive Engineer	Jharkhand BCD	RANCHI	Jharkhand
56	ML-10814	Er.RajvindSingh	B.Tech (Civil)	Executive Engineer	Uttarakhand PWD	GUPTKASHI	Uttarakhand

57	ML-10815	Er.SaravananS.	B.E., M.E.	Chief Engineer	Tamil Nadu Police Housing Corporation Ltd.	CHENNAI	Tamil Nadu
58	ML-10816	Er.AlokKumar	AMIE	Former Assistant Engineer	Jharkhand BCD	RANCHI	Jharkhand
59	ML-10817	Er.JanarulSheikh	Ph.D	Associate Professor	CV Raman Global University	BHUBANESWAR	Odisha
60	ML-10818	Er.DineshKumar	B.Sc. Engg.	Executive Engineer	Irrigation & Water Resources Department	LUCKNOW	Uttar Pradesh
61	ML-10819	Er.(Ms.)AgamoniDas	Masters in Construction Engg., PhD Scholar in Earthquake	Head-Codes & Approvals (Fastening)	Hilti India	GURGAON	Haryana
62	ML-10820	Er.DeepankarChaudhry	B.Tech.	Executive Engineer	UP PWD	JHANSI	Uttar Pradesh
63	ML-10821	Er.(Ms.)NehaSaini	B.Tech.	AEE E/M	MES	JODHPUR	Rajasthan
64	ML-10822	Er.Aditya ChittaranjanBhandurge	MBA in Advance Constn. Mgt. NICMAR	Management Trainee	NEO LIV	SOLAPUR	Maharashtra
65	ML-10823	Er.Riju AnakkalPuthiyapurayil	Diploma in Civil Engg.	Civil Site Engineer	BECHTEL	KANNUR	Kerala
66	ML-10824	Er.SarinKumar	B.E., MBA	Assistant Engineer	Uttarakhand PWD	DEHRADUN	Uttarakhand
67	ML-10825	Er.SachinAgrawal	B.Tech.	Assistant Engineer	Jharkhand BCD	HAZARIBAG	Jharkhand
68	ML-10826	Er.Jai PrakashSingh	B.Sc. (Civil)	Superintending Engineer	Jharkhand BCD	RANCHI	Jharkhand
69	ML-10827	Er.(Ms.)MausumiPaul	B.Tech. (Civil), MBA in Project Mgt.	Founder & Co-founder	Career Guidance Academy, Spaceforms Architects	JADAVPUR	West Bengal
70	ML-10828	Er.KrishnaKumar	B.E. (Civil)	Assistant Executive Engineer	Water Resources Development Organisation	BENGALURU	Karnataka
71	ML-10829	Dr.PrakashSwain	B.Tech. (Civil), M.E., Ph.D	Professor	C V Raman Global University, Odisha	BHUBANESWAR	Odisha
72	ML-10830	Er.Om PrakashSharma	Diploma in Civil	Executive Engineer	Rajasthan PWD	KOTA	Rajasthan
73	ML-10831	Dr.Pancharathi RathishKumar	Ph.D, D.Engg, Post Doc	Professor & Dean	NIT Warangal	HANAMKONDA	Telangana
74	ML-10832	Er. K. Rabin Kumar Dora	B.E. (Hons), M.E.(Strct.), MBA	Superintending Engineer (Civil)	IIT Bhubaneswar	KHURDA	Odisha
75	ML-10833	Er.Ramesh SinghYadav	AMIE (Civil)	AE (Civil)	MES	LUCKNOW	Uttar Pradesh
76	ML-10834	Er.GunsagarJain	M.Tech. (Strct.)	Chief Engineer	CPWD	DELHI	Delhi
77	ML-10835	Er.NeelanshYadav	M.Tech.			LUCKNOW	Uttar Pradesh
78	ML-10836	Er.B.Ramanathan	Diploma in Civil	Former Jr. Town Planner	Town & Country Planning	VASANTHAM NAGAR	Puducherry

79	ML-10837	Er.Bhupendra PremeisinghThakur	B.E. (Civil), M.Tech. (Strct.)	Structural Engineer & Architectural Consultant	Bhupendra Singh & Associate	INDORE	Madhya Pradesh
80	ML-10838	Er.CandaneS.	B.E. (Civil)	Town Planning Assistant	Town & Country Planning	VILLIANUR	Puducherry
81	ML-10839	Er.VikramMeena	B.Tech. (Civil)	SSE(Works)	Northern Railway	NEW DELHI	Delhi
82	ML-10840	Er.SyedKiyamuddin	M.E.	Executive Engineer	West Bengal PWD	KOLKATA	West Bengal
83	ML-10841	Dr.Biman KantiNandi	Ph.D, M.CE, B.CE	Former Chief Engineer	West Bengal PWD	KOLKATA	West Bengal
84	ML-10842	Er.Vijay KumarAgrawal	B.Tech., M.Tech.	Superintending Engineer	Jharkhand BCD	RANCHI	Jharkhand
85	ML-10843	Er.PriyamKumar	M.Tech.	Director	Wapic India Pvt. Ltd.	RANCHI	Jharkhand
86	ML-10844	Er.ShashiKumar	Diploma in Civil	Junior Engineer	Jharkhand State Building Construction Co. Ltd.	BHAGALPUR	Bihar
87	ML-10845	Er.Sanjay KumarSingh	B.E. (Civil)	Executive Engineer	Jharkhand State Building Construction Co. Ltd.		Jharkhand
88	ML-10846	Er.AbhishekKumar	B.Sc.(Engineering)	Executive Engineer	Jharkhand BCD	RANCHI	Jharkhand
89	ML-10847	Er.SanjeetBhuinyan	B.E. (Civil)	Executive Engineer	Jharkhand BCD	RANCHI	Jharkhand
90	ML-10848	Er.AbhinandanKumar	B.E. (Civil), M.E. (Civil)	Executive Engineer	Jharkhand BCD	RANCHI	Jharkhand
91	ML-10849	Er.LokeshaB.P.	Diploma in Civil	Assistant Executive Engineer	Karnataka Housing Board	BANGALORE	Karnataka
92	ML-10850	Er.AmitPaul	M.E.	Superintending Engineer (Civil)	Ministry of Jal Shakti, GoI	INDRAPUR	Assam
93	ML-10851	Er.Alok AjitLakra	B.Sc Engg. (Civil)	Manager-cum-Executive Engineer	Jharkhand State Building Construction Co. Ltd.	CHATRA	Jharkhand
94	ML-10852	Er.Abinash KumarDipak	B.Sc Engg. (Civil)	General Manager	Jharkhand State Building Construction Co. Ltd.	RANCHI	Jharkhand
95	ML-10853	Dr.Suresh ChandraDalai, IAS (Retd.)	B.Sc. Engg. (Civil), ME Hons., Ph.D	Executive Director	Odisha Industrial Infrastructure Development Corpn.	BHUBANESWAR	Odisha

Student Members:

1	SM-80380	ShriDakshPradhan	Pursuing B. Arch.	Student	Manipal University Jaipur	Jaipur	Rajasthan
2	SM-80381	ShriParthAgarwal	Pursuing B. Arch.	Student	Manipal University Jaipur	Jaipur	Rajasthan
3	SM-80382	ShriAnubhavSingh	Pursuing B. Arch.	Student	Manipal University Jaipur	Jaipur	Rajasthan
4	SM-80383	ShriVineetGurjar	Pursuing B. Arch.	Student	Manipal University Jaipur	Jaipur	Rajasthan
5	SM-80384	ShriChiteshChhabra	Pursuing B. Arch.	Student	Manipal University Jaipur	Jaipur	Rajasthan
6	SM-80385	Ms.SameekshaSR	Pursuing B.E.	Student	Jain Institute of Technology	Davanagere	Karnataka
7	SM-80386	ShriPunyaslokaRath	Pursuing B.Tech.	Student	Veer Surendra Sai University of Technology, Sambalpur	Sambalpur	Odisha



Training Calendar

2026-27

INDIAN BUILDINGS CONGRESS

Kama Koti Marg, Sector VI, R.K. Puram, New Delhi-110022

Phone : 011-26169531, 26170197

Email: info@ibc.org.in; indianbldgscongress@gmail.com Website : www.ibc.org.in

Training Programs Planned during 2026-27 at IBC HQ, Delhi

Sr. No.	Program Title	Dates	Venue	Participation Level
1.	Two Days Training Module for JE / AE / AEE on Advanced Waterproofing Technologies in Buildings	20-21 Apr 2026	IBC HQ	JE/AE/AEEs
2.	Quality, safety, Health & Environments aspects in Building Construction	28-29 May 2026	IBC HQ	JE/AE/EE
3.	Contract Management & Dispute Resolution	29-30 June 2026	IBC HQ	AE/EE/SE
4.	Basics of E& M Systems in Buildings	20-21 July 2026	IBC HQ	JE (EL)/AE(EL)/EE and Architects
5.	Sub soil Investigation and Pile Foundation	24-25 Aug 2026/	IBC HQ	AE/EE/SE
6.	Repair& Rehabilitation of Concrete Structures	25-26 Sept 2026	IBC HQ	AE/EE/SE
7.	Planning, Design, Installation, operation & Maintenance, Management of HAVC system in Buildings	19-20 Oct 2026	IBC HQ	AE(EL)/EE(EL)/SE
8.	Basics Design Aspects of RCC Structures	23-24 Nov 2026	IBC HQ	AE/EE/SE
9.	Design and Execution of Water Supply and Sewerage System of a campus	21-22 Dec 2026	IBC HQ	AE/EE/SE
10.	Project Planning, Management and Estimation etc	21-22 Jan 2027	IBC HQ	AE/EE/SE

Indian Buildings Congress (IBC) was founded on 1st September 1992, when a Founders Meet was organized in New Delhi with the initiative of the then Director General (Works), CPWD, Shri O.P. Goel. About 250 professionals of various depts i.e. CPWD, Railways, MES, HUDCO, DDA, CBRI and NBCC as its Founder members with a Vision to build an environment which is conducive to healthy living, affordable, aesthetic, cost competitive, and technology driven and capable of meeting the needs of Indian population, attended this meet. IBC was registered as a Society under the Societies Registration Act 1860, in New Delhi, on 29th March 1993. Today IBC has a pan-India presence with around 108 Institutional Members, 7300 Individual members and 375 Student Members at present. The wide spectrum of membership gives it a unique place in the entire gamut of Building engineering discipline and construction industry.

Training Program conducted by IBC at Hq, Delhi: IBC had started Training program at its Headquarter in New Delhi. First training program was inaugurated on 28th April 2011. Since then, it has organized 58 Training Programs for the benefit of building professionals. List of Training Program conducting at HQ during 2025 given below at glance: -

- i) Two Day Training Program on Internal Cladding System in Building for Engineers & Architect
- ii) Two-day Program on Repair & Rehabilitation of Concrete Structures including Water Proofing Materials and Techniques
- iii) Two-day Executive Development Program on External Cladding System in Buildings
- iv) Two-day Executive Development Program on Project Management



Training Program – on 20.04.2026 to 21.04.2026
Two-Day Training Program on Advanced Waterproofing Technologies in Buildings at IBC HQ

Er Ranjit Singh
Director (Training)
Mobile: 9958996971

Er Vikash Kumar
Dy Director (Tech)
Mobile: 8826980179

Col. (Dr) Anand Mathialagan
Hony Secretary
Mobile: 9999632889

Communication Address

Indian Buildings Congress

Kama Koti Marg, Sector VI, R.K. Puram, New Delhi-110022

Phone: +91-9354109519 (Monday-Friday, 10 :00 AM - 05:30 PM)

Email :info@ibc.org.in;indianbldgscongress@gmail.com,technical@ibc.org.in, ddt@ibc.org.in

Website:www.ibc.org.in

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INDIAN BUILDINGS CONGRESS

Activities/Action Taken by IBC (2024–2026)

1. Introduction

Since July, 2024, the Indian Buildings Congress (IBC) has initiated a series of transformative measures that have significantly strengthened governance, financial discipline, technical capacity and national outreach. Decision making process has been streamlined based on transparency, accountability and broad consultative approach. Due care has been to retain the original tenets of IBC as well as vision and mission of IBC. The period 2024–26 has been marked by notable expansion of State Centres, Technical activities; systematic reforms in financial and service rules, and proactive engagement with Government and institutional stakeholders. The initiatives undertaken since July 2024 represent a scale and depth of activities countrywide remarkably, positioning IBC on a stronger national platform.

2. Governance & Coordination

a. Internal Governance Reforms

IBC has institutionalized structured governance mechanisms across the country, ensuring accountability and responsiveness:

- **A proper filing system** in HQ ensures smooth processing of notes from section-in-charges to higher authorities.
- **Weekly online meetings** of President, Hon. Secretary, Executive Director, and Section-in-Charges to track progress in real time.
- **The Membership Scrutiny Committee** meets twice monthly, accelerating the acceptance of new members which is subsequently recommended by the Membership Committee to the Executive Council for acceptance & subsequent ratification in Governing Council. And the acceptance in/c issuance of Identity Card & Certificate are being made within targeted time.
- **Formation of 17 committees including 6 zonal committees**, has created a robust monitoring framework for assigned technical domains and focussed activities of centres respectively involving all EC/GC members & also authority representatives of IBC Centres covering the areas of Finance, Publication, Membership, Technical, Training, Asset & Building, Legal, Bye laws, Award & Medal. Recently, two more committees have been constituted for Grievance redressal Committee & Election Procedure framing Committee.
- **Monthly online reviews** with all committees & EC/GC Members & IBC Centres representatives ensure accountability and action planning.

These measures have elevated coordination and responsiveness to a level not seen before and match the need of time to make IBC dynamic and progressive.

b. National Visibility & Coordination

During the last two years, IBC has actively organized Quarterly Governing Council and Executive Council meetings in conjunction with National Seminars being hosted by the State Govt Deptt. in collaboration with IBC Centres, ensuring both technical enrichment and organizational visibility. These programmes were managed by host centres using their own resources with support of respective State Governments. The surplus funds after the programme are shared equally between HQ and the host Centres.

- During this time, Governing Council (GC) meetings were held at Raipur, Hyderabad, Agartala, Nagpur, Kochi and Bhopal. Next will be held at Chandigarh/Panchkula.
- During this time, Executive Council (EC) meetings were conducted at Patna, Chandigarh, Chennai, Gandhinagar, Bhubaneswar, Bengaluru, Nagpur, Shimla, Kota, Itanagar and Ranchi. Next will be held at Port Blair.
- Zone-wise coordination meetings were organized:
 - o Dec 2025: Guwahati (North-East), Ranchi (East), Bhopal (West).
 - o Jan 2026: Panchkula (North), Hyderabad (South).

The Zonal Committees of IBC are co-ordinating with the Centres under their Zone. State Government departments co-organized these events, with eminent national resource persons delivering keynote addresses. The scale and frequency of such programmes reflect IBC's enhanced national footprint.

During this year, All the 35 Centres have been requested to organise at least one National Seminar with the support of the State Govt.

3. Professional Development & Publications

IBC has placed strong emphasis on capacity building and knowledge dissemination. Regular training programmes were conducted at IBC HQ every month, aligned with a training calendar, and to be extended to State capitals on requisition from Centres and State Government departments. These programmes not only enhanced professional skills but also generated additional resources for the organization.

Parallely, the quarterly publication of Built Environment has continued, carrying theme based technical articles and reports of IBC activities, including those from Centres. The IBC website has been regularly updated, with further development work underway to improve digital outreach.

Key highlights include:

- **Monthly training programmes held at HQ** aligned with a training calendar.
- **State-level training programmes** are planned to be conducted on requisition from Centres and Government departments.
- Quarterly publication of Built Environment continues with technical articles and activity reports.
- Website updated regularly, with development work in progress.

4. Expansion & Technical Committees

The network of IBC Centres has expanded to 33 States/UTs and 2 Local Centres, all functioning with regular reporting and monthly coordination.

Technical capacity has been significantly enhanced:

- **8 technical sub-committees** formed on various topic to prepare documents; 3 sub committees completed documents (to be presented June 2026), 5 sub committees report are nearing completion.
- **3 more new sub-committees** recently added, expanding scope as desired by the State Govt authority.
- Focus on **modern construction management** topics such as Green Buildings, CDE, BIM, and Lean Construction.

This structured approach has ensured that technical committees not only initiate work but also deliver outputs within defined timelines — a marked improvement in organizational delivery compared to earlier practices.

5. Resource Mobilization

To sustain activities and manage expenditure, IBC adopted a structured resource mobilization strategy. Members were requested to contribute through advertisements, specially by EC members for raising @ ₹50,000 each and GC members for raising @ ₹30,000 each. Response have been received from the members & it is perused regularly.

Additionally, clear guidelines were framed for GC meetings to ensure transparency and uniformity:

- **Registration fees:** ₹500 for all EC/GC members, ₹2,000 for other members of IBC & ₹3,000 for non-members depending on category.
- **Accommodation:** Free for EC/GC members & Past Presidents; independent rooms available against additional charges.
- **TA reimbursement:** Provided to EC members for EC/GC meetings & GC members for GC meetings (except AGM/Annual Convention). No TA will be given during Annual Convention.
- Hosts reimbursed TA for keynote speakers.

Trust status of IBC has been restored for 10 years and ensuring donation tax exemption for 5 years. This structured mobilization has allowed IBC to sustain its expanded activities while maintaining financial discipline.

6. Financial Discipline

Financial reforms have been a cornerstone of this tenure:

- Framing of Financial Rules for HQ and Centres, TA Rules & Guidelines, and initiation of Service Rules for staff.
- Finance Committee clearance of all matters of bill/payment ensures transparency.
- Corpus Fund strengthened:
- Upto July 2024: ₹2.83 crore.
- Added ₹53 lakh (July, 2025) + ₹37 lakh (May 2026).
- Total corpus now: ₹3.73 crore
- Membership proceeds deposited as Corpus fund. During this year, it is resolved that the total membership subscription should be kept as Corpus fund as termed deposit.
- Annual grants increased for IBC Centres, with 10% of membership subscription given to Centres as additional incentive.

This consolidation has provided IBC with financial resilience.

7. Strategic Engagements

IBC has strengthened its strategic linkages with both Union and State Governments. A notable outcome was the discussion with the Union Urban Development Minister, which led to the formation of a Technical Sub-Committee on Prefabricated Structures with a defined submission timeline.

At the state level, PWD/Works/Construction Departments have been actively connected through Centres, with office space provided at State Capitals. Institutional memberships have also been consolidated — CPWD renewed its full life membership in April 2026, while BMTPC, ICT, and several other State Departments cleared their fees.

Equally significant was IBC's successful contestation of the Income Tax Department's move to cancel its Trust status. Following sustained representation, the Trust status was extended for 10 years, and donation tax exemption continued for 5 years — a major recognition of IBC's credibility.

Highlights:

- Discussion with **Union Urban Development Minister** led to formation of Technical Sub-Committee on Prefabricated Structures.
- **State Governments** connected through Centres, with office rooms provided at State Capitals.
- **Institutional memberships consolidated:** CPWD renewed full life membership (April 2026); BMTPC, ICT, and several State Departments cleared fees.
- **Trust Status Protection:** Successfully contested Income Tax Dept. move; Trust status extended for 10 years, donation tax exemption continued for 5 years.

These high-level engagements during 2024–26 have elevated IBC's stature in policy circles, ensuring recognition at both Union and State levels.

8. Staff & Infrastructure

Operational efficiency has been institutionalized, with biometric attendance ensuring accountability and rental income providing financial stability for IBC. Meetings of Chief Engineers and Centre Chairmen were organized during council sessions to strengthen coordination and monitoring.

Key improvements:

- Biometric attendance introduced.
- Chief Engineers' and Centre Chairmen's meetings organized during council sessions for better coordination.

9. Conclusion

The period 2024–26 has thus marked a decisive leap forward for IBC. The breadth of reforms, financial consolidation, technical outputs, and national outreach under the present leadership have positioned IBC as a proactive and credible partner in India's infrastructure development — far surpassing earlier levels of activity.

★ ★ ★



INDIAN BUILDINGS CONGRESS,

Sector-VI, R. K. Puram, New Delhi-110022

IBC Publications Available for Sale

S. No.	Code	Name of Publications	Price	Packing/ Postage Extra
1.	IBC:2:2001	Effectiveness of Alternative Models of Land Use Planning	Rs.50/-	30/-
2.	IBC:3:2002	Urban Infrastructure in India – An Overview	Rs.50/-	30/-
3.	IBC:4:2003	Finance for Building Industry	Rs.50/-	30/-
4.	IBC:5:2003	Habitat—Vision 2020	Rs.50/-	30/-
5.	IBC:6:2004	Rural Housing Policy	Rs.50/-	30/-
6.	IBC:7:2004	Housing Policy	Rs.50/-	30/-
7.	IBC:9a:	Making Building Safe Against Earthquakes -A Primer : Simple Overview of Handbook on Seismic Retrofit of Buildings	Rs. 100/-	30/-
8.	IBC:11:2012	Public Toilet Facilities for Women in Indian Cities	Rs. 50/-	30/--
9.	IBC:12: 2012	Manual on Water Proofing of Buildings	Rs.250/-	40/-
10.	IBC:13: 2012	Quality Manual for Civil Works in Building	Rs.400/-	40/-
11.	IBC:14:2012	Review on Jawahar Lal Nehru National Urban Renewal Mission (JnNURM)-A Preliminary Assessment	Rs.50/-	30/-
12.	IBC:15:2012	A Guide to District Planning	Rs.100/-	30/-
13.	IBC:16:2012	Planning & Management Approach Towards Storm Water Drainage for Delhi	Rs.100/-	30/-
14.	IBC:17:2012	Guidelines for Design of Universally Accessible Built Environment	Rs.80/-	30/-
15.	IBC: 18:2013	Guidelines for Electrical and Mechanical Works in Buildings (Including Energy Conservation, Lifts & Escalators, Life Safety and Security, Fire Safety System & HVAC)	Rs.500/-	50/-
16.	IBC:19:2013	Use of Ferrocement in Buildings	Rs.150/-	30/-
17.	IBC:20:2013	New Building Materials & Technologies – Innovations in Concrete (Vol. I)	Rs.400/-	40/-
18.	IBC:21:2013	Concrete Technology	Rs.500/-	40/-
19.	IBC:22:2013	Affordable Housing	Rs.400/-	40/-
20.	IBC:23:2014	Buyer's Guide (Part-I) Purchase of Residential Apartment Glossary & Check List	Rs.75/-	30/-
21.	IBC:24:2016	New Building Materials & Technologies-Vol. II (Manufactured Sand, Fly Ash, Blast Furnace Slag, Geo-synthetics, Geo-polymers, Fibers & Fiber Glass)	Rs.200/-	40/-
22.	IBC:25:2017	New Building Materials & Technologies Vol.III (Formwork, Flooring, uPVC Door-Windows, Hardware, Aluminum Composite Panel & Paints)	Rs.200/-	40/-
23.	IBC:26:2017	Manual for Safety in Building Construction	Rs.200/-	40/-
24.	IBC:27:2019	New Building Materials & Technologies (Vol IV.-Compendium of New Building Technologies)	Rs.800/-	100/-
25.	IBC:28:2025	Construction Handbook for Civil Engineers & Architects Vol.– I	Rs.1600/-	

- a. Discount of 25% is allowed for members i/c student members of IBC on purchase of one set of all publications of IBC.
- b. Discount of 25% is allowed for Institutional members of IBC on any number of copies of all publications of IBC.

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INDIAN BUILDINGS CONGRESS



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Er. B. C. Tripathy
Editor

Editorial Board
Er. R.K. Majumdar
Associate Editor

Dr. Madhura Yadav
Associate Editor

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Kama Koti Marg, Sector VI, R.K. Puram, New Delhi-110022, Ph:011-26169531, 26170197
Email: info@ibc.org.in; indianbldgscongress@gmail.com
Websites: www.ibc.org.in

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