PLANNER'S

El



EDITOR'S DESK

Dear Readers,

With great pleasure, we bring to you the September 2025 edition of the ITPI Haryana Chapter Newsletter. This edition marks a significant step forward as we continue to strengthen our professional community and enhance the culture of knowledge sharing within our fraternity.

Alongside this, we are pleased to share key updates from the wider planning profession and highlight emerging conversations that will shape the future of urban and regional development.

Happy Reading!

Warm regards, Vidushi Sharma Editor, ITPI HRC Newsletter News Highlights from the Field

IPAGE 2

FEATURE ARTICLE: Carbon Emissions: A Global Emergency, Not a Distant Threat I PAGF 4

ARTICLE: Understanding the **Current Scenario of Gross Fees** & Charges

I PAGE 6

Meet Our Research Cell I PAGE 8

Creative Corner I PAGE 10

Event Highlights I PAGE 14

NEWS HIGHLIGHTS

- ★ Collaborative Studies & Capacity Building: MoU signed with GIZ India to conduct a combined study and capacity-building program at the HRC Auditorium, Panchkula.
- ★ Research on Heritage: MoU signed with Sushant University for collaborative research on Narnaul, an important Archaeological site in Haryana.
- ★ Climate Resilience in Building Codes: The process of signing an MoU has been initiated with CSE to introduce a dedicated chapter on Climate Resilience in the Haryana Building Code.
- ★ Development of Digital platform for ENS: The process of creating a digital platform for ENS compliance has been started with IPI-HRC along with GGGI. The MoU has been initiated for the same.

NEWS FROM THE DEPARTMENT OF TCP- HARYANA

- ★ Sectoral Plan Approved: Revised plan for Sector-5, Barwala under Final Development Plan 2041 AD.
- ★ Appointments: New Members (Judicial & Technical) for Real Estate Appellate Tribunal, Haryana.
- ★ HRERA Update: Vacancy filled for Member, Gurugram.
- ★ Court Compliance: Action taken per Hon'ble High Court order in Ardee Infrastructure Pvt Ltd case.
- ★ Ardee City Draw: Plot allocation for successful allottees, streamed live on YouTube.
- ★ Sector 27-C Approval: Revised plan for Residential, Commercial & Public Utility, Rohtak.
- ★ Policy Window: Schedule announced under policy dated 10.11.2017.
- ★ Child Care Services: Agency empaneled for Day Care, Creche facilities.
- ★ Road Realignment: Request for 24m Internal Circulation Road in Sector-77, Gurugram.
- ★ Building Code Amendments: Public invited to submit objections & suggestions (Haryana Building Code, 2017).
- ★ HRERA Selection: Member appointed under Real Estate (Regulation & Development) Act, 2016.
- ★ Co-sharer Consent: Order issued regarding consent procedure.
- ★ Tribunal & HRERA Appointments: Members selected for Real Estate Appellate Tribunal & HRERA, Gurugram



CHAIRMAN'S DESK

Dear Members,

Greetings!

The past few months have been a period of steady growth and collective effort for the Haryana Chapter. What makes this journey meaningful is not just our internal progress, but also the way we have started to align with partners who share our vision for impactful change. We are currently engaging with esteemed institutions such as GIZ, CSE, GGGI and Sushant University, among others, to explore collaborations that can translate ideas into actionable outcomes. These partnerships hold immense potential to bring together diverse expertise, bridge gaps between research and practice, and create solutions that are rooted in both local realities and global perspectives.

Looking ahead, the coming months present us with opportunities to deepen these collaborations and to collectively contribute toward shaping sustainable, resilient, and inclusive urban futures. I invite all members to actively participate, share insights, and extend support as we position the Chapter as a hub of innovation and collaboration in the field of planning.

Together, let us move forward with confidence and purpose, reaffirming our commitment to cities and regions that are not only efficient and equitable but also inspiring and humane.

Warm regards, Sanjay Kumar Chairman, ITPI Haryana Chapter

FROM SHRINES TO SMART CITIES: THE NEW FACE OF RELIGIOUS TOURISM

Religious tourism is no longer limited to seasonal pilgrimages; it is reshaping the **urban fabric and economic future** of many Indian cities. Large-scale temple redevelopments, heritage corridors, modern airports, and smart infrastructure projects are turning sacred towns into **year-round global destinations**. The fusion of faith, economy, and modern planning is creating new opportunities; but also posing challenges of sustainability and cultural balance.

Sacred Cities in Transition						
City/Region	Religious Significance	New Developments	Opportunities	Challenges		
Ayodhya	Birthplace of Lord Ram	Ram Mandir, airport, riverfront	Global spiritual hub, jobs, hospitality	Overcrowding, commercialization		
Varanasi	Kashi Vishwanath, Ganga ghats	Kashi Corridor, riverfront	Global branding, heritage walks, tourism growth	Strain on civic services, over- urbanization		
Mathura– Vrindavan	Lord Krishna's birthplace	Temple redevelopment, metro plan	Boost to crafts, spiritual tourism	Yamuna pollution, fragile ecology		
Puri	Jagannath Temple	Heritage corridor, coastal infra	Coastal tourism, hospitality jobs	Cyclone risk, seasonal crowd surge		
Tirupati	Tirumala Balaji temple	Airport & ropeways, smart city	Year-round economy, religious + eco-tourism	Hill eco-sensitivity, congestion		
Amritsar	Golden Temple	Heritage street, airport upgrade	Global Sikh diaspora tourism, cultural revival	Urban congestion, waste management		
Shirdi	Sai Baba shrine	Airport, hotel boom	Spiritual + wellness tourism	Rapid commercialization, land stress		
Bodh Gaya	Buddhist spiritual centre	Airport expansion, intl. Buddhist circuit	Global inflows, cultural diplomacy	Infrastructure lag, authenticity concerns		
Haridwar– Rishikesh	Ganga Aarti, yoga, wellness	Riverfront projects, yoga branding	Wellness hub, eco- tourism	Flood/landslide risk, pressure on Ganga		

Transformations

Connectivity: Airports, expressways, faster rails

Redesign: Heritage corridors, smart riverfronts

Economy: Boost for hotels, crafts, local trade

Concerns

Capacity: Overcrowding strains cities & shrines

Ecology: Fragile rivers, hills under pressure

Culture: Authenticity vs. modern amenities

Religious tourism is reshaping India's urban and cultural landscape; turning sacred towns into engines of growth. The future lies in balancing faith, sustainability, and smart planning.

CARBON EMISSIONS: A GLOBAL EMERGENCY, NOT A DISTANT THREAT

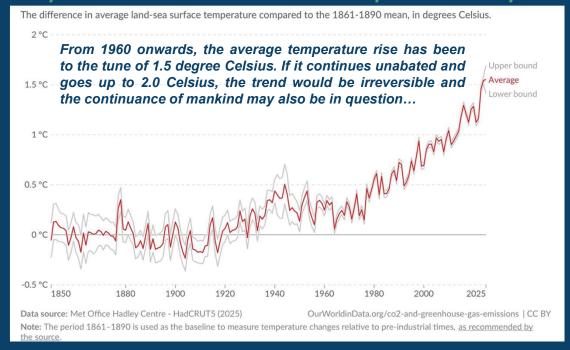
Global Trends in Carbon Emissions and their impact over the years...

The impact of carbon emissions is no longer a warning for the future but a full-blown crisis unfolding before our eyes.

Annual temperature anomalies relative to the pre-industrial period.



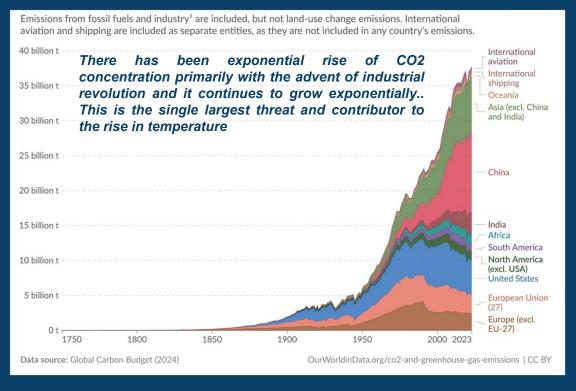
Annual temperature anomalies relative to the pre-industrial period (Met Office Hadley Centre – HadCRUTS, 2025).



Annual CO2 emissions by world region

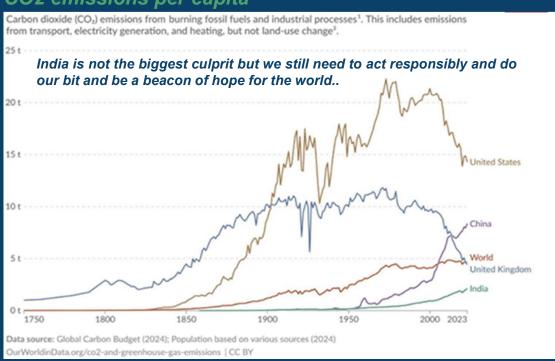
FIG 2

Fossil CO₂ emissions excluding emissions from land-use change, including deforestation and reforestation (Global Carbon Budget, 2024)



Every ton of carbon dioxide released into the atmosphere is accelerating a chain reaction of disasters that threaten life as we know it. Carbon emissions, largely from fossil fuels, industrial activity, and unsustainable land use, are the single largest driver of climate change.

CO2 emissions per capita



FIG₃

The Per Capita CO2 emissions in USA, China, UK, India and the World Average

Global primary energy consumption by source

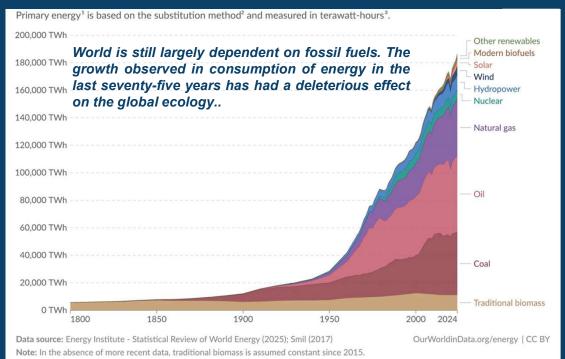
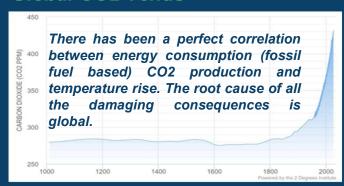


FIG 4

Global primary energy consumption by source, measured using the substitution method with Data spans 2000– 2024.(Energy Institute – Statistical Review of World Energy, 2025)

Global CO2 Tends



FIR 5 The rise in Global CO2 levels over the years

Relationship between Temperature and Co2

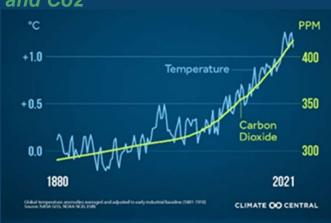
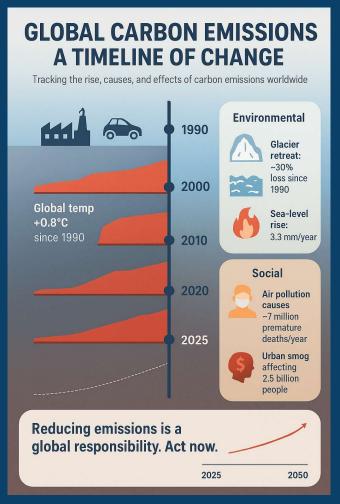


FIG 6 The correlation between Temperature and Co2 emissions after 1880s_____

CONSEQUENCES OF THE INCREASED CARBON EMISSIONS

Tackling carbon emissions is no longer a technical challenge but it is a moral imperative. Governments must move beyond policy promises and into real, enforceable action. Cities must rethink how they grow. And as individuals, we must shift to conscious consumers. We are the last generation that can reverse this trajectory. The decisions we make today will shape the fate of the planet for centuries. Curbing carbon emissions is not about saving the Earth—the Earth will survive. This is about saving ourselves.



Accelerating the deployment of renewable technologies, improving energy efficiency, phasing down fossil fuels, and ensuring equitable access to clean energy are critical steps to mitigate climate risks and build a more sustainable global energy future.

Developed economies, though gradually reducing fossil fuel use, remain historically responsible for a large share of cumulative emissions, while emerging economies face the dual challenge of meeting rising energy demand and limiting carbon output. This makes international cooperation, technology transfer, and climate finance essential to ensure that all regions can adopt cleaner energy pathways without compromising economic growth or development goals.



Now is the time.
Not tomorrow. Not next year. **Now.**

UNDERSTANDING THE CURRENT SCENARIO OF GROSS FEES & CHARGES

Gross Fees and Charges recoverable on PER SQFT BUILT-UP AREA BASIS

All figures are in Rs.										
	TOD (Comm)	Comm ercial	TOD (GH)	Indust. Plotted	GH Colony	NILP	IT Park / City	Resid. Plotted	DDJAY	AGH
Hyper	1,674	1,395	787	752	613	613	412	289	244	139
High-l	1,469	1,191	696	668	518	518	367	153	171	123
High-II	1,238	959	598	528	420	420	290	124	131	98
Medium	952	674	522	444	342	342	244	95	57	82
Low-I	716	438	443	357	259	259	196	59	23	65
Low-II	640	361	394	288	210	210	158	49	19	53
PKL- High Pot	502	223	367	57	184	184	31	52	54	51

The fees and charges table outlines the components levied by the government, expressed in ₹ per square foot of built-up area. This provides a clear perspective on the government's share within the overall cost structure, enabling a better understanding of how these charges relate to the prevailing market price of built-up spaces. The recoverable charges (₹/sq. ft.) vary across land-use categories such as TOD, Commercial, Industrial Plotted, Group Housing, IT Parks, Residential Plotted, DDJAY, and AGH, classified under tiers from Hyper to Low-II and PKL High Potential.

Gross Fees and Charges recoverable on PER ACRE LICENCED AREA BASIS

All figures are in Rs. Lakh per acre										
	TOD (Comm)	Comm ercial	TOD (GH)	Indust Plotted	GH Colony	NILP	IT Park / City	Resid. Plotted	DDJAY	AG H
Hyper	2,553	1,064	1,201	225	468	401	449	166	166	136
High-I	2,241	908	1,062	200	395	339	399	134	116	121
High-II	1,887	731	912	158	320	275	316	104	89	96
Medium	1,452	514	796	133	261	224	266	83	38	80
Low-I	1,092	334	676	107	198	169	214	57	16	64
Low-II	976	275	601	86	160	137	172	47	13	52
PKL-High Pot	766	170	560	17	140	120	33	43	37	50

The following table presents the gross fees and charges (in ₹ lakh per acre) applicable across different categories of licensed land use. These charges, payable upfront by the colonizer before any receipts from allottees, highlight the essential financial outlay required at the initial stage of development. The charges vary depending on the development typology such as Transit-Oriented Development (TOD – Commercial / Group Housing), Commercial, Industrial Plotted, Group Housing Colonies, NILP, IT Parks/Cities, Residential Plotted, DDJAY, Affordable Group Housing (AGH) and other specialized categories.



OUR PROJECTS SO FAR









1. Development & Inclusion of a Climate Resilience Chapter in the Haryana Building Code

About the Partner:

<u>Centre for Science & Environment,</u> established in 1981 in New Delhi, has been at the forefront of the environmental movement, working on sustainable urban growth, public health, and capacity-building initiatives across India. **Aim:**

To integrate climate resilience measures into the Haryana Building Code. Objectives:

- Review relevant sections of Haryana Building Code and associated legal frameworks.
- Analyze and compare best practices from other states/countries.
- Identify Haryana's macro- and micro-climatic zones to contextualize resilience measures.
- Develop climate-resilient guidelines for different building types.
- Propose phased implementation strategies for smoother adoption.
- Identify priority measures for immediate implementation (Phase I).
- · Conduct consultations with allied organizations for comprehensive inputs.
- Publish the draft chapter and organize dissemination workshops.

Expected Outcomes:

- · Incorporation of climate resilience provisions in the Haryana Building Code.
- Phased adoption strategy for builders and regulators.
- Greater awareness and technical capacity among architects and planner

2. Ranking Indian Cities based on Accessibility Scoring Index (ASI) for Persons with Disabilities

About the Partner:

GIZ India (Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH) has been operating in India for over 60 years, supporting sustainable urban development, renewable energy, climate action, and inclusive mobility. Under its SUMACA (Sustainable Urban Mobility – Access, Climate, Action) program, it focuses on promoting low-carbon, accessible urban transport systems.

Aim:

To develop and implement an Accessibility Scoring Index (ASI) that ranks Indian cities on inclusivity and accessibility for persons with disabilities.

Objectives:

- Define accessibility parameters covering infrastructure, mobility, and inclusivity.
- Collect and validate data from government agencies, surveys, and advocacy groups.
- Assign weightages to parameters for standardized scoring.
- Calculate accessibility scores and develop a ranking framework.
- · Highlight best practices and gaps across cities.
- Build professional capacity through training, webinars, and workshops. **Expected Outcomes:**
- Clear city-wise accessibility rankings.
- Evidence-based policy recommendations for inclusive urban mobility.
- Replicable benchmarking framework for wider adoption.

MEET OUR

AR. MAYA D. DANG



An Architect & Urban Planner by profession and an artist by

passion. Ex Project
Associate at CSIR-CBRI
and Ex Eco-City .Region
Fellow at Jalandhar Smart
City Limited & WRI India
under AICTE. Currently
working at ITPI-HRC as a
Project Associate.

"A city is not an accident coherent visions and planning."

AR. VIDUSHI SHARMA



Architect and Urban Planner (MANIT'24), has worked

with KSS-ISPER, KPMG India and WRI India on strategic urban policies, transportation and sustainability. A published researcher and a speaker at various national platforms. A voracious reader and passionate speaker, she blends academic rigor with practical insight.

OUR PROJECTS SO FAR







RESEARCH CELL

AR. SUKHJEET KAUR



An architect and urban planner with two years of architectural

experience in Chandigarh.
Holds a Master's in Urban
Planning from MNIT Jaipur
and has completed internship
at TCP Punjab.

but the result of careful planning."

- Le Corbusier

3. Haryana Eco-Niwas Samhita (ENS) Digital Platform

About the Partner:

GGGI is an international organization established in 2012, with its headquarters in Seoul, Republic of Korea. They promote sustainable development in developing and emerging countries, through a development approach that seeks to deliver economic growth that is both environmentally sustainable and socially inclusive.

Aim:

To develop a customized Eco-Niwas Samhita (ENS) digital platform for Haryana, embedding automated compliance checks.

Objectives:

- Align ENS 2024 provisions with Haryana's building regulations.
- Customize GGGI's digital platform for state-specific compliance needs.
- Develop dashboards to track compliance, energy savings, and CO₂ reduction.
- Introduce ENS-based rating and certification framework for residential buildings.
- Conduct pilot projects and build capacity among architects, planners, and officials.

Expected Outcomes:

- Simplified ENS compliance through automated approvals.
- · Transparent, accountable system reducing subjectivity.
- Monitoring of energy savings and CO₂ emissions.
- ENS rating system encouraging energy-efficient designs

AR. DIKSHA DASS



Architect and urban planner with two years' experience,

including a research internship at NIUA. Currently Project Associate at ITPI-HRC, supporting urban policy research, planning frameworks, and development strategy initiatives.

4. Heritage-Centered Development Plan for Agroha

About the Partner:

The <u>School of Art & Architecture at Sushant University</u>, Gurugram, is recognized by the Council of Architecture. Under its MoU with ITPI-HRC, it will contribute expertise in heritage planning, tourism, and community engagement. Aim:

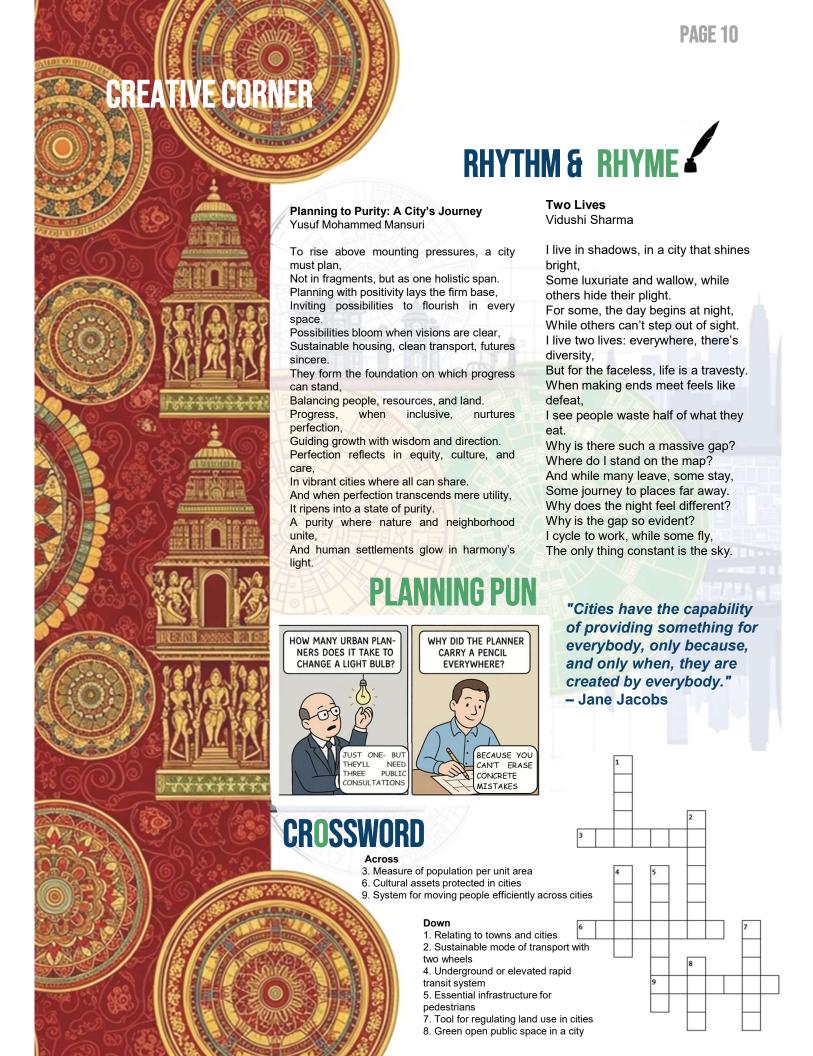
To prepare a Comprehensive Framework for Agroha (Hisar), integrating heritage conservation with tourism development and community livelihood opportunities.

Objectives:

- Document Agroha's archaeological remains, temples, and cultural assets.
- Propose special zoning regulations for heritage-sensitive development.
- Develop strategies for heritage-based tourism circuits.
- Engage stakeholders (ASI, TCP, archaeology dept., local communities).
- Ensure balance between conservation and infrastructure development.

Expected Outcomes:

- · Comprehensive heritage documentation and planning context.
- Special zoning regulations tailored for Agroha.
- Integrated plan combining heritage conservation, tourism promotion, and community development.



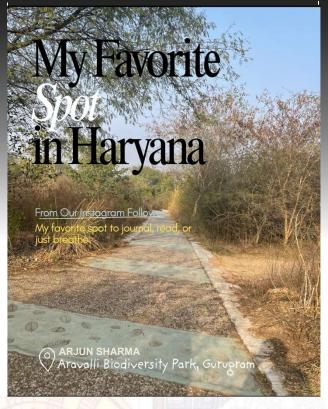
Story of the art...

"Bandhani: A dance of dots and dyes, where tied threads blossom into timeless patterns."



From historic forts to bustling town squares and serene gardens, every corner of Haryana has a story.

Send us a photo of the place you love most and see it featured in our next magazine!



ARIDDLES

I'm crowded yet lonely, I'm fast yet stuck, I'm full of wheels, And often out of luck. What am I?

(Answer: Traffic jam)

I'm drawn before I'm built, I guide growth without a word,

I live on paper, Yet shape the world. What am I?

(Answer: A master plan)

I carry people every day, But I have no seat, I change my color often, To help you cross the street.

What am I?

(Answer: Traffic signal)

I'm full of stops, but never stop moving. I go under, over, and sometimes through. What am I?

(Answer: The Metro/Subway)

I'm invisible, but without me, a city chokes. I spread through trees, open spaces, and parks. What am I?

(Answer: Fresh air / green lungs

ZONING ZONE

Find the following words from the magazine

- DECARBONISATION
- SUSTAINABILITY
- ACCESSIBILITY
- TEMPERATURE
- AFFORDABLE
- RESILIENCE
- EMISSIONS
- HERITAGE
- · TRANSIT

- HOUSING
- GLOBAL
- REGION
- IMPACT
- GROWTHFOSSIL
- URBAN
- BUILT
- · CLIMATE

A C C E S S I B I L I T Y X S P V U
C H D E L J C L I M A T E Q J F R R
F E V S A D X O G L O B A L O U E B
O R E M I S S I O N S B U I L T G A
S I R I T T E M P E R A T U R E I N
S T D V B H H O U S I N G D S E O G
I A T R A N S I T B S S N D M V N R
L G Q S U S T A I N A B I L I T Y O
X E D E C A R B O N I S A T I O N W
I W N G A F F O R D A B L E Q R M T
Z I I V O Z Z U I M P A C T G Q V H
K L L Z J L R E S I L I E N C E E H

Small-scale Digital Twin for Panchkula



Partner Organizations

- •Genesys International: A leading geospatial technology company, providing expertise in mapping, data analytics, and digital twin solutions.
- •Panchkula Metropolitan Development Authority (PMDA): The city-level planning and development authority responsible for urban management and infrastructure in Panchkula.
- •ITPI-HRC (Institute of Town Planners, India Haryana Regional Chapter): Professional body supporting planning innovation, research, and collaboration in urban development.

 Aim of the Project

To develop a **pilot-scale Digital Twin for Panchkula** that leverages advanced geospatial and urban planning technologies, enabling better decision-making, planning, and monitoring of city infrastructure. **Objectives**

- 1.Create a small-scale digital twin model (5–10 sq km) as a testbed for urban planning and management.
- 2.Facilitate data-driven decision-making through real-time urban information systems.
- 3.Enhance collaboration among government, professional bodies, and technology providers.
- **4.Demonstrate scalable solutions** for smart, resilient, and sustainable urban development in Haryana.
- **5.Build capacity and awareness** within local authorities for adopting digital planning tools.

QUIZSCAPES

Who is known as the "Father of Modern Town Planning" in India?

- a) Charles Correa
- b) Le Corbusier
- c) Patrick Geddes
- d) Jawaharlal Nehru

(Answer: Patrick Geddes)

Which Indian city introduced the first Bus Rapid Transit System (BRTS)?

- a) Pune
- b) Indore
- c) Ahmedabad
- d) Delhi

(Answer: Ahmedabad, 2009 – Janmarg BRTS)

The concept of 'Garden City' was given by?

- a) Ebenezer Howard
- b) Kevin Lynch
- c) Jane Jacobs
- d) Daniel Burnham

(Answer: Ebenezer Howard)

In urban planning, the term "TOD" stands for?

- a) Transit-Oriented Development
- b) Town Operational Design
- c) Transport Over Density
- d) Technical Operations Department (Answer: Transit-Oriented Development)

A GRAND SUCCESS-THANKS TO YOU

We are thrilled to announce that we have received **1000+ entries** from participants across diverse backgrounds, showcasing their talent and perspective on **5 unique themes**. Each submission reflects not only artistic brilliance but also the spirit of city planning, urban life, and innovation.

Your overwhelming response has made this contest a **huge success**, and we sincerely thank each participant for making their lens a storyteller of our cities and spaces.

The journey doesn't end here! The much-awaited Results Announcement will take place on 1st November 2025 during the 60th Haryana Day Celebrations at the ITPI-HRC Panchkula Auditorium

Theme: "City Planning Through Your Lens"

1st Prize: ₹1 Lakh
Total Prizes: ₹2.5 Lakhs
Results: 1st Nov 2025

URBAN PLANNING TRIVIA

The world's first **traffic light** was installed in **London**, **1868**—it was gas-powered!

The **shortest street** in the world is **Ebenezer Place** in Scotland—just **2.05 meters** long!

Tokyo has more than **900 railway stations**, the densest urban rail network in the world

UPCOMING EVENTS

HARYANA DAY CELEBRATION

Background & Objectives

Background

Since its formation, Haryana has made remarkable progress in urban growth and infrastructure development. With rapid urbanization and growing complexity of challenges, there is an urgent need to leverage technology as a key enabler in shaping resilient, inclusive, and sustainable urban environments.

Objectives



Discuss technological innovations such as Al, GIS, Digital Twins, and real-time data systems in urban planning and governance.



Highlight the role of technology in climate resilience, adaptation, and disaster risk reduction.



Facilitate dialogue among planners, policymakers, academia, and practitioners for Haryana's urban future.

About Us

The Haryana Regional Chapter (HRC) of ITPI is constituted to further decentralize the activities of ITPI for the state of Haryana and adjoining regions.

It came into existence in the year 2003-04. HRC has been at the forefront of necessary professional events, conducting research and capacity building activities

Key Speakers



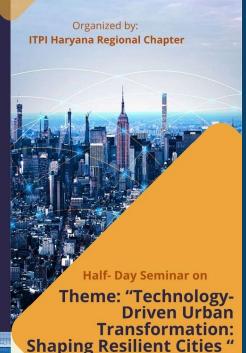
Parlewar
Professor and Head Department of Urb



Dr. Saswa
Bandopadhyay
Project Director,
Centre of Urban Plannin
and Policy (CUPP),
CEPT Research an
Development
Foundation



Dr. Ruma C. Shukla Industry Mana (Urban) Esri India





Date: 1st November' 25 **Venue:** Bay Site No: 59-62, Sector 2, Panchkula, Harvana



Capacity Building Workshop

with GIZ and ITPI-HRC

Capacity Building Workshop on Sustainable & Inclusive Urban Mobility 27th -28th November 2025 | ITPI-HRC Auditorium, Panchkula

Organizers: ITPI-HRC & GIZ

Overview:

A 2-day workshop to equip urban planners, policymakers, and stakeholders with tools and strategies for sustainable, inclusive, and technology-driven urban mobility.

Focus Areas:

- Sustainable transport planning
- Inclusive mobility solutions
- Smart mobility technologies
- •Policy frameworks & best practices

Format:

Keynotes | Thematic Sessions | Interactive Discussions | Case Studies

Objective:

Enhance skills to design urban transport systems that are green, accessible, and future-ready.



EVENT HIGHLIGHTS

YOGA DAY CELEBRATIONS

JUNE 2025

International Yoga and World Music Day organized by ITPI-HRC -2025. Shri Rajendra Kaushik from Bharatiya Yog Sansthan was invited as an instructor under the national event Yoga Sangam Patra by Ministry of Aayush. In the light of the theme for 2025, Yoga for One Earth.









INDEPENDENCE DAY CELEBRATIONS

AUGUST 2025

Independence Day 2025 celebrated at ITPI-HRC with flag hoisting, cultural programs, patriotic spirit, and collective participation by all.







ECSBC Awareness Workshop – A Step Towards Energy-Efficient Cities

The ECSBC Awareness Half-Day Workshop, jointly organized by HAREDA, BEE, and ITPI-HRC, concluded on a highly successful note, drawing participation from over 40 professionals including architects, engineers, technical experts, and government officials. The workshop served as an important platform for fostering dialogue on energy efficiency in the building sector, aligning with India's commitment to sustainable urban growth.

Key highlights of the session included:

- ECBC vs. ECSBC: Understanding the key differences and the importance of ECSBC in current regulatory and environmental contexts.
- Compliance Pathways: Detailed insights into the three approaches: Mandatory, Prescriptive, and Whole Building Approach' enabling participants to identify the most feasible strategy for their projects.
- Building Envelope Efficiency: Exploring how walls, roofs, and windows play a vital role in reducing heat gain, improving comfort, and cutting energy use.
- Comfort Systems and Lighting Controls: Demonstrating how efficient HVAC systems, advanced lighting designs, and automation tools contribute to meeting ECSBC standards.

•

ECSBC Takeaways for Practitioners



Optimize building envelope to reduce heat gain and improve energy efficiency.



Adopt automated lighting & HVAC controls for smarter, cost-effective operations.



Select the compliance path suited to your project type



Incorporate passive design strategies wherever possible

HALF DAY SEMINAR ON ECSBC

AUGUST 2025









Our New Team, New Vision

Executive Committee Members



Position	Name
Chairman	Sh. Sanjay Kumar
Vice Chairman	Sh. Ravish Jani
Secretary	Sh. Sunil Verma
Treasurer	Sh. Sandeep Kumar
Member	Sh. P.P. Singh
Member	Sh. Tarun Kumar
Member	Sh. Sandeep Kumar
Member	Sh. Lalit Bazad
Member	Sh. Narender Kumar
Member	Sh. Sunil Verma
Member	Sh. Vijay Kumar
Member	Sh. Ashish Sharma
Member	Ms. Divya Dogra
Member	Ms. Pooja Kapoor
Member	Ms. Shallu
Member	Ms. Priya Soni
Member	Sh. Musolani

TIMELINE OF BICYCLE

BUILDING COMMITTEE

Name	Designation
Sh. Vijay Kumar	Convenor
Sh. Lalit Bazad	Member
Ms. Divya Dogra	Member
Ms. Priya Soni	Member
Ms. Shallu	Member

PROFESSIONAL COMMITTEE

Name	Designation	
Sh. P.P. Singh	Convenor	
Sh. Ashish Sharma	Member	
Sh. Tarun Kumar	Member	
Ms. Shallu	Member	
Sh. Mussolini	Member	

LIBRARY COMMITTEE

Name	Designation
Ms. Divya Dogra	Convenor
Sh. Sandeep Kumar	Member
Sh. Yajan Chaudhary	Member

PUBLICATION COMMITTEE

Name	Designation
Sh. P.P. Singh	Convenor
Ms. Shallu	Member
Sh. Tarun Kumar	Member
Sh. Mussolini Chikara	Member
Sh. Ashish Sharma	Member





(J) 02 冦

டு

凸 \bigcirc

Ш

 \square

 \blacksquare \bigcirc ග





ANSWERS FOR CROSSWORD

1.URBAN, 2. CYCLING, 3. DENSITY, 4.METRO, 5.FOOTPATH,6. HERITAGE, 7. ZONING 8.PARK 9.TRANSIT





1817

Draisine



Boneshaker



Boneshaker



1885 Safety Bike



1990s **Mountain Bike**



MOBILITY: SHAPED BY

2020s E-Bike / Share

2020s E-Bike / Share

DESIGN.