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Present on the dais (left to right) Dr. R. K. Udayan, Chairman, UPRC; Prof. Dr. Jagdish Singh, Vice President, ITPI; Prof. Dr. D. S. Meshram, President, ITPI; Shri Pradeep Kapoor, Secretary General, ITPI; Shri. N. K. Patel, Past President ITPI and Shri K. S. Akode, Past President, ITPI

## NORTH ZONE CONFERENCE ON 'TRANSFORMATION OF URBAN PLANNING AND DEVELOPMENT IN UTTAR PRADESH'

The North Zone Conference was organized by Uttar Pradesh Regional Chapter, Lucknow, ITPI on 9 October 2021. The Chief Guest Shri Durga Shankar Mishra, IAS, Secretary Ministry of Housing and Urban Affairs, Government of India, delivered the key note address on the theme "Transformation of Urban Planning and Development in Uttar Pradesh" in online mode from Chennai. In his speech he underlined the fact that the Government of India has given priority to urban development through various programs and shared the impact of various Missions initiated by the Government of India like Swachh Bharat Mission, Smart City Mission, National Heritage City Development and Augmentation Yojana (HRIDAY), Atal Mission for Rejuvenation and Urban Transformation (AMRUT), etc. Through these mission programs, urban development has been fostered for the 'Ease of Living in Urban Areas of the country', and if missions are implemented in their

spirit, the country will be completely transformed, Shri Mishra said.

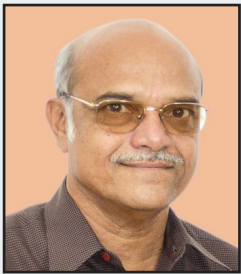
Shri Durga Shankar Mishra, IAS, also elaborated the challenges, which are likely to be faced in the near future as India's urban population is expected to increase to 88 crore by 2051. To overcome these challenges, adoption of latest technological innovations in urban planning and development needs to be explored. In this direction, Government of India has initiated 'Light House Project' for adoption of technology to meet the challenges of future urban India. Besides, Lucknow, Chennai, Indore, Rajkot, Ranchi and Agartala have been identified for light house projects and under the AMRUT program, GIS based Master Plans are being prepared for various towns in 25 states.

Uttar Pradesh is emerging as a destination of urban opportunities due to phenomenal urban development





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**Prof. Dr. D. S.  
Meshram**  
President, ITPI  
addressed the  
delegates

## North Zone Conference is in Progress

activities being undertaken in the state and it is expected to be a model for other states to follow. He further highlighted that urban planning is the most important component of urban development because good plans could solve half of the problems of our cities and towns. Without proper planning, cities will fail to perform as engines of growth. Apart from creating new towns and cities, the existing urban settlements are required to be redeveloped or retrofitted through urban planning. To underscore his point, Shri Mishra, cited the quote of Jan Gehl, a prominent urban designer of Denmark “The Cities are for the People”. To reorient our planning process Shri Mishra said that adoption of technology and capacity building is very important aspects and these may prove to be catalysts for urban transformation, which is the theme for North Zone Conference.

Shri Mishra, advised the participant’s, particularly urban planners, to focus on four major aspects:

- Town planners should act as facilitators of development of our towns and cities. Even the nomenclature of Development Control Regulations (DCR) should be renamed as Development Facilitating Regulations (DFR) and norms should be peoples friendly;
- Adoption of the latest technologies i.e. digitalization of data, and use of artificial intelligence, and satellite data would not only speed up the planning process but also provide better quality of master plans to overcome gaps in their implementation;
- We should take only financially sustainable and viable projects as models for formulating future projects. He referred to the Kidwai Nagar Redevelopment Project where land monetization was adopted and Delhi Metro where land value capture was the principal to make these projects financially sustainable; and
- As we have to adopt latest technologies in planning and development, the capacity building of the existing manpower is very important. He referred to the fact that MoHUA has initiated TULIP – Urban Learning Internship Program to provide internship opportunities to fresh planning graduates to create awareness about urban development in the country. He further emphasized that the State Town Planning Departments need to take up the responsibility of sensitizing common people about the needs of urban planning and development practice for improving quality of life of our citizens.

After the Inaugural address Shri Pradeep Kapoor, Secretary General, ITPI highlighted the objectives and activities being taken up by the ITPI for the

advancement of urban planning profession and education. Today, the ITPI has strength of more than 6,500 registered planners. There are 30 planning schools, institutions, universities, IITs and NITs imparting planning education approved by the ITPI besides 32 schools, institutions and universities approved provisionally so as to increase the output of qualified urban planners to meet the requirements of planners in the country. He then elaborated how transformation in urban areas has taken place through improvement of economic, social, physical and environmental conditions of urban areas by adopting comprehensive and integrated approaches. These actions provide opportunities as well as challenges for infrastructure development to meet aspirations of people to access shelter, physical and social infrastructure.

Prof. Dr. Jagdish Singh, Vice President, ITPI stated that to meet the challenges of phenomenal urbanization through planning interventions is possible for improving the living conditions of the masses, and gave the details of the technical sessions of the conference.

Dr. D. S. Meshram, President, ITPI, in his address highlighted the transformation of urban planning in India. To elaborate his point, he called on the days of preparation of the first Master Plan of Delhi, 1962, by Town and Country Planning Organization and Ford Foundation. At that time, the teams used to leave in the morning for chain surveys and return with information in evening for preparation of the base map. This exercise was very expensive and time consuming. Now due to adoption of the latest technologies of remote sensing, aerial photography, GIS, and GPS, etc., it is possible to prepare base maps at desired scales within a short time. He also emphasized the fact that not only preparation process of Master Plan has changed but its implementation is also being transformed due to adoption of these technologies. Besides, the adoption of the latest planning tools like Transferable Development Rights, Reservation of Accommodation, Land Pooling and Town Planning Schemes are also being adopted, which provide alternative ways for procuring land for development. In addition, the initiatives of the government through missions like Jawaharlal Nehru National Urban Renewal Mission, Smart Cities Mission, and Atal Mission for Rejuvenation and Urban Transformation are also transforming urban planning and development processes. It is important to note that Uttar Pradesh is at the forefront in adoption of the latest technologies to ensure better implementation of these Missions.

The First Technical Session was chaired by Shri. N. K. Patel, Past President ITPI, who introduced both

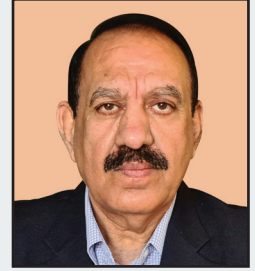
the speakers and explained the concept of land as a resource and insisted on making urban laws and regulations more flexible and progressive to speed up the process of urban development.

Shri Murlu Mohan Thimapuram, Team Leader - Smart City Mission, MoHUA, made a presentation on the topic "Smart City Mission- Selection of Projects for better Implementation: A key to success for towns in Uttar Pradesh". He emphasized on the following aspects:

- Regular campaigns are required to encourage behavioural change of citizens;
- Need to create quick and low-cost physical interventions to promote physical and mental wellbeing of the people;
- Scaling up interventions for healthy and happy living;
- To promote public transport;
- Accessible public spaces - green open spaces, open gyms, sports infrastructure, pedestrian plazas, should be created or retrofitted;
- More recreation places should be provided;
- Cities should be planned for accessible healthcare;
- Basic infrastructure like provision of water and e-toilets, women hygiene should be made accessible;
- Cities should have proper waste management system;
- Cities should also promote local identity and culture by developing heritage walks and events, restoration of water bodies, etc.;
- Cities should promote renewable and cleaner fuels;
- Smart school, skill development centres, integrated command and control centres should be planned for learning and skill development;
- Smart cities should be designed in such a way so that they can be placed at the forefront of leveraging data and technology for any natural calamity and epidemic;
- Cities should have integrated traffic management system (ITM); and
- Public Wi-Fi facility is essential for the smart cities.

Shri Jit Kumar Gupta, Director College of Architecture, IET, Bhattal, Punjab, focused his talk on "Integration of building and natural heritage - Impact of HRIDAY Mission". Highlights of his presentation are:

- Heritage management should be made an integral part of both short term and long term urban planning processes. Master plans prepared for urban settlements must identify the heritage wealth, prepare an inventory of heritage assets and suggest detailed strategies for effectively managing them;
- Core areas of the historic cities possessing enormous economic, physical, social and heritage values must be innovatively planned, developed and preserved through a strategy involving; promoting and preserving the existing building vocabulary; enhancing the quality of public spaces; promoting pedestrianization; rationalizing building bye-laws; and minimizing sub-division and change of land use; to relieve and revive the history and culture of the city;
- Local communities must be empowered to make heritage conservation a public movement for achieving the fundamental duties enshrined in the Constitution of India mandating the protection of heritage as one of the basic duties of every citizen of India;
- Making communities coparcener in heritage planning and implementation would help in generating not only resources but also resolving numerous conflicts besides creating networks for promoting awareness and relation building;
- Heritage management has suffered in the past due to lack of availability of trained manpower. Accordingly, increasing the number of trained professionals running dedicated courses on heritage; making heritage integral part of study curriculum of higher studies; running short term courses for in-service professionals, and involving professional institutes like Institute of Town Planners, India will be valuable;
- Creating a dedicated Heritage Fund at the state and local level for generating and making available resources for conservation and preservation of heritage by levying cess on tourists visiting India; dedicating part of fee collected from visitors to historical sites; raising funds by organizing charity shows; involving corporate sector; earmarking part of the budget of state, local bodies and development authorities for heritage conservation; making heritage conservation part of CSR activities; involving communities; starting a heritage lottery, etc., can help in raising resources for the heritage conservation;
- Creating a supportive and efficient legal framework for identification and conservation of heritage, making rational choices of combining restoration, rehabilitation, and preservation for promoting valuable heritage;



**Shri Pradeep Kapoor,**  
**Secretary General, ITPI**  
addressing the delegates



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**Prof. Dr. Jagdish Singh**  
Vice President, ITPI  
addressing the delegates

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- Promoting re-use of heritage buildings for larger public uses and community to make value addition and generating resources for its maintenance and upkeep;
- Adopting best practices regarding preservation, conservation and management of heritage sites prevailing and practiced at regional, national and international level;
- The approach should not only be mechanical but also should be financially viable;
- Land is the only resource which needs to be judiciously used; and
- Acts and laws applicable should be flexible enough so that these can be changed according to the prevailing conditions.

The Technical Session – II was chaired by Shri K. S. Akode, Past President ITPI, New Delhi, who shared his experience of Zonal Planning and Industrial Development in Maharashtra. He underlined the fact that there is a need to have spatial plans for industrial areas and a separate training program for capacity building of municipal functionaries. This needs to be introduced at State Town Planning Department level. Involvement of planners for designing such program will facilitate capacity building at state level.

Shri. R. Srinivas, Senior Planner, TCPO, New Delhi, focused his presentation on “Local Area Planning with People Centric Approach for Heritage”. He placed emphasis on the following issues:

- The formulation of Local Area Plan, is essentially bottom up strategy for planned development based on ascertaining the intra-city disparities;
- Effective citizen participation can be facilitated while preparing Local Area Plans through NGOs, CBOs and RWAs, etc., who are well aware of ground realities in terms of basic infrastructure facilities;
- States need to ensure the provisions of preparing Local Area Plans in their respective Town and Country Planning Acts and Urban Development Authority Acts;
- Local Area Plans are action oriented and implementation of projects can be done in a short period of time which can facilitate road junction improvements, pedestrianization of streets, retaining the open spaces and proposing multi - utility spaces; and
- Local Area Plans can easily be replicated depending on the access to basic facilities at the ward level.

Prof. Dr. Ashwani Luthra, GNDU, Amritsar, made a presentation on “Development of Logistic Hubs and Transformation in Urban Spaces: City Logistic Plan and Industrial Corridor Development in Context of Uttar Pradesh”. He brought out following issues in his presentation:

- About 57 percent of the proposed industrial corridor passes through Uttar Pradesh. Therefore, developing them based on multi - model logistics spatial development hubs will be vital for land utilization in the different parts of the state needs to be optimized;
- Development of theme based logistic hubs is going to change the urban system in the state, which calls for adopting novel master planning and local area planning approaches;
- Development in the peri – urban areas should be done in an organized manner and jelling should be done with the changed morphologies of the mother cities;
- Exclusive and mixed use development zones need to be planned in a manner that heat islands and climate change effects are mitigated;
- Logistic hubs should be developed as white field development and state of art smart infrastructure should be planned and developed; and
- Development of theme based logistic hubs will result in boom in real estate sector. Therefore, proactive development controls and regulations should be evolved to promote development.

In his presentation on ‘Road Safety and Accessibility for All’, Shri Arnab Ahmad, Program Manager from Punjab, raised the following issues:

- Preparation of black, vulnerable and critical spots identification methodology for urban areas of the cities should be adopted to safeguard vulnerable road users under the Black Identification Program started by MoRT&H, Government of India;
- State and city level Action Plan for Road Safety using and decoding road accident data from the police should be prepared to have a holistic development for road safety;
- Mostly road accidents occur on various types of junctions. Accordingly under various missions of the central and state governments, junction design should be done with respect to road safety keeping in mind the welfare of each and every road user;
- Prepare a plan for every million plus city to have multiple routes and options while travelling in the core of the city. Accordingly, there is a need to develop and design roads and streets according



to the volume that becomes or helps in designing an alternative route for the commuters. This will reduce travel time, pollution, carbon emissions and fuel consumption with a vision to decongest the city; and

- Adopting modern technology and tools are the need of the hour by using tools like GIS and

artificial intelligence per kilometre assessment of roads in urban areas which needs to be promoted to narrow down and specify the interventions required on any stretch of a road.

The North Zone Conference was concluded with a vote of thanks extended by Dr. R. K. Udayan, Chairman, Uttar Pradesh Regional Chapter, Lucknow.

## ITPI ANNUAL GENERAL MEETING (2020 - 2021)

The Annual General Meeting of the Institute of Town Planners, India was held on 24 September 2021 at the ITPI HQ, New Delhi, at 14.00 hrs. Welcoming the members to the Annual General Meeting Shri N. K. Patel, President, ITPI, mentioned that AGM is being called in accordance with Article 11 to 13 of Memorandum of Articles of Association and Bye-Laws of ITPI, and then took up the agenda items as enumerated in Article 20 as given below:

**Item No. 1: To receive, consider, and adopt the Balance Sheet, and Auditors Report for the year ended on March 31st 2021 and the Report of the Council.**

### **Report of the Council, ITPI for the year 2020-2021.**

Shri S. B. Khodankar, Secretary General read the Report of the Council for the year 2020-2021. The members present unanimously resolved to adopt the Report of ITPI Council for the year 2020-2021.

Proposed by: Shri M. L. Chotani (1981-010)

Seconded by: Shri N. K. Chakraborty (1989-011)

### **Balance Sheet, and Auditors Report**

Shri S. B. Khodankar, Secretary General, ITPI gave the highlights of the Audited Statement of the Accounts for the year 2020-2021. The members present unanimously resolved to adopt the Audited Statement and Auditors Report for the year 2020-2021.

Proposed by: Shri Alok Mahakul (2010-016)

Seconded by: Shri Tapan Mondal (1986-044)

**Item No. 2: Elections of the Members of the Council in place of those Retiring: The Scrutinizers' Report on the Council Elections for the year 2021-2022.**

The Scrutinizers' Report of the ITPI Council Elections for the year 2021-2022 was presented by Dr. Sandeep Kumar Raut and Shri P. K. Behera, Scrutinizers' and declared following members as elected for the Council for the year 2021-2022.

### **General Constituency**

D. S. Meshram

Pradeep Kapoor



ITPI AGM (2020-2021) is in progress

James Mathew

A. K. Srivastava

Ranjan Chattopadhyay

L. P. Patnaik

S. D. Saini

R. K. Rawal

K. S. Akode

J. L. Bhople

Amit Kumar

Jagdish Singh

Sujit A. Rodge

### **Special Constituency (Chairmen of Regional Chapters)**

K. Vidyadhar

N. Ravikumar

Pankaj Bawa

Milind B. Patil

B. Mahendra

Shri N. K. Patel, Shri V. Ramudu, and Shri S. B. Khodankar would be Ex-officio members, being immediate Past President, Vice-President and Secretary General respectively (as per Bye-Law No. 35).

**Item No. 3: To appointment of Auditors and to fix their remuneration.**

M/s Sarkar and Associates requested ITPI to increase the Audit Fee to Rs. 5,00,000/- from Rs. 1,75,000/- as the revision took place during 2017-2018. After deliberations the members decided to continue M/s Sarkar and Associates as Auditors for 3 years on the Audit fee of Rs. 2,25,000/- (GST as applicable extra).

Proposed by: Shri J. K. Kapoor (1994-072)

Seconded by: Shri Gambhir Singh (2005-139)

Meeting ended with vote of thanks to the Chair.

AGM (2020-2021) is in Progress



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ITPI Council 2021 - 2022

## ITPI COUNCIL 2021 - 2022



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## WBRC INTERNATIONAL CONFERENCE ON SUSTAINABLE URBAN MOBILITY OPTIONS (SUMO)

The West Bengal Regional Chapter (WBRC) of the Institute of Town Planners organized an International Conference in online mode from 1 to 3 October 2021 on the theme 'Sustainable Urban Mobility (SUMO 2020)'.

Prof. G. Raghuram, former Director of IIMB, was the Chief Guest, who in his inaugural address highlighted the different urban mobility options, their strengths, and weaknesses in the light of socio-economic parameters.

Shri Pradeep Kapoor, Secretary General, ITPI in his welcome address narrated the aims and objectives of the ITPI, and mentioned that the SUMO was planned to be held from 10 to 12 April 2020 but due to outbreak of COVID – 19, it was postponed.

Dr. Biman Bandopadhyay, Chairman, ITPI WBRC stated how the country had gone through tumultuous times since the last one and half years. Everything including urban mobility has been stalled affecting the rural and urban economy adversely. The organizing chairman of the conference, Shri Dipankar Sinha, underlined how the migrant workers faced inhuman hardships to reach their homeland.

Shri Arabinda Debnath, the organizing secretary of the conference expressed his gratitude to all the members and partners for the support for making the program successful.

Inaugural Session was chaired by Dr. D. S. Meshram, President, ITPI who initiated his presidential address by asking how researchers look at "Sustainable Urban Mobility (SUMO)". Some researchers explain SUMO as a strategic and integrated urban transport, which contributes to the improved accessibility and quality of life, on the basis of which assessment of present and future requirements and demands is made. While other researchers focus on SUMO for creating sustainable urban transport system, ensuring the accessibility to jobs and services to all by improving safety and security, reducing pollution, greenhouse gases emission and energy consumption, so as to increase efficiency and cost effectiveness of transportation of human being and freight. Yet other researchers say that the purpose of SUMO is to improve accessibility of urban areas with high quality mobility and transportation thorough and within the areas. It is linked to future development





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## WBRC International Conference is in Progress



Screen Shot of International Conference on Sustainable Urban Mobility Options (SUMO)

of urban areas focusing on future development of transport and mobility infrastructure and services, taking into consideration the balanced and integrated development of all modes.

Now let us see the concept of master plan, which also takes into consideration present and future requirements of people and caters not only for traffic and transportation but also for physical and social infrastructure. The basic aim of master plan is not only to have an integrated development of traffic and transportation, but also housing, trade and commerce, industries, environment, etc. In the preparation of master plan participatory approach is followed for inclusion of excluded. Take a copy of any master plan and one can notice that traffic and transportation plan is invariably embedded in it.

Dr. Meshram, therefore, requested the learned speakers not to conceive mobility of urban areas in isolation of a master plan, as the canvas of a master plan is much wider. Emphasis should be placed on fast and safe connectivity of living and working places, which not only save wastage of man days and fossil fuels but will also contribute to strengthening the economy of towns. He also called on the experts

not only to focus on mobility of human beings and freight of urban areas, but to think beyond urban areas by extending it to regions which will ensure mobility of rural areas.

Technical Session – I on “Monorail, LRT, MRT, and Integration of Multi-modal Transport” was chaired by Prof. Sewa Ram, SPA, Delhi, in which key speakers namely Prof. Manoranjan Parida, and Prof. Shivanand Swamy, made presentations. Presenters emphasized that though MRTS and BRTS are important for city transport, we still need to assess from a users’ point of view. Shri Alok Tripathi talked about the advantages of the High-Speed Rail System (HSR) that helps users to manage the time better and promote economic activity. In this session three papers were presented by Prof. Dr. P. K. Sarkar, Payel Roy, and Dr. Sudeep K. Roy; Suman Mandal, Abhiroop Das, Dr. Sanjib Nag, and Arko Kanungo.

Technical Session – II on the theme “Safety and Accessibility” was chaired by Dr. Subhamoy Gangopadhyay, in which presentations were made by Prof. Dr. Sewa Ram, and Dr. Sudip Kumar Roy. Both presenters noted that there are a lot of unanswered questions on safety and accessibility issues, which



have to be studied in-depth. The technocrats should be trained to collect, interpret and address accident-related data effectively and come up with implementable solutions. In this Session another two papers were presented by Shuktika Sabharwal, and Dr. Rutul Joshi; and Rituparna Das, and Dr. Ankhi Banerjee.

Technical Session – III on the theme “Innovations in Data Analytics, ITES, Shared and Personalized Transport” was chaired by Prof. Ashoke Sarkar, who underlined the significance of the non-motorized transport including walking and para-transits in city’s transportation. He further mentioned that data availability of modal choice and distribution is scarce in transport sector. Prof. Durga Toshniwal, and Dr. Charisma Chowdhury advocated the utility of studying complaints received from people from different locations as well as their movement pattern by following mobile GPS. Action plan could be made based on the identified problem clusters and relevant or preferred modes and routes. In this session three papers were presented by authors namely Rashmi Choudhary, Jogendra Kumar Nayak, and Dr. Manoranjan Parida; Preety Saini, and Somnath Bhui; and Manaswinee Kar, Dr. Shubhajit Sadhukhan, and Dr. Manoranjan Parida.

Technical Session – IV on the theme “E Mobility and Non-Motorized Transport and Alternate Mode of Transport” was chaired by Prof. Shivanand Swamy, who shared his experience on initiating the BRTS in Ahmedabad, and Hubli - Dharwad. Dr. Rajesh Pandya, mentioned that the BRTS system in Surat Municipal Corporation, is currently the largest BRTS system in India. Invited key speakers Ms. Aditi Ghosh, spoke about electric buses in Kolkata, moving towards roof top charging facility from the present day battery operated systems. Transportation sector is one of the biggest contributors to CO2. Ms. Aditi Ghosh informed that West Bengal Government has already started e-buses, and is the 3rd in the rank in the world in implementing. However, availability and charging of batteries was an issue. Rajesh Pandya noted that availability of locally made batteries and opportunity-charging would reduce the problem. In this session three papers were presented by Dr. Dakshayini R Patil, and Dr. Mamatha P. Raj; Anjali Saraswat, and Dr. Satish Pipralia; and Pranoy Mondal, and Dr. Soumen Mitra.

Technical Session – V on the theme “Mobility, Accessibility and TOD” was chaired by Ms. Sarika Chowdhury. In this session four papers were presented by the authors namely Ankita Baksi, Dr. Jayita Guha Niyogi, and Dr. Arup Guha Niyogi; Gaurav Verma, and Jignesh Mehta; Smt. Abhinanda Chatterjee, and Dr. Subrata Paul; and Tazyeen Alam; Dr. Ankhi Banerjee.

Technical Session – VI on the theme “Land Use, Urban Morphology and Transportation” was chaired by Prof. Sanjukta Bhaduri. In this session the presentations were made by the key speaker, namely Prof. Mahalaya Chatterjee; Dr. Debapratim Pandit; and Ms. Uma Adusumili. Four papers were presented by Manne Manasa, and Prof. Arulmalar Ramaraj; Nimish Laddha, and Dr. Prasanth Vardhan; Purba Biswas, and Shambhavi Vishwakarma; and Nunna Tagore Sai Priya, and Dr. Ankhi Banerjee.

Technical Session – VII on the theme “Energy, Environment and Economic issues of Mobility” was chaired by Prof. Manmohan Kapshe, in which presentations were made by the key speakers namely Dr. Amit Garg and Ajay Singh Nagpure. In this session four papers were also presented by Dr. Neeru Bansal, Dr. R. Parthasarathy, and Akila. S; Ranjanakumari, Arkopal K. Goswami, and Dr. Ankhi Banerjee; Dr. Aparna Das, Prabodh Bajpai, and Saswat Bandyopadhyay; and Mithila Rele, Dr. Arindam Biswas, and Prof. Dipling Irene Lohaus.

Technical Session – VIII on the theme “Comprehensive City Mobility Plan” was chaired by Prof. Manoranjan Parida. In this session four papers were presented by Rahul Ganguly and Eshanpreet Kaur Khalsa; Sayantani Saha, and Dr. Shivashish Bose; A. M. Pitale, S. Sadhukhan, and Dr. Manoranjan Parida; and J Ravi Kiran, and Ekta, Sandeep Budde.

In the Valedictory Session Dr. D. S. Meshram, President, ITPI, announced the names of the best papers of each technical session, and in his brief concluding address congratulated West Bengal Regional Chapter for successfully organizing the online International Conference, on SUMO 2020 and announced to support such programs suitably in future. He also requested that the WBRC should publish the papers in a special issue of the ITPI journal.

The conference ended with a vote of thanks extended by Dr. Soumendu Biswas, Secretary of ITPI, WBRC.



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## MAHARASHTRA REGIONAL CHAPTER, NAGPUR; LECTURE SERIES - XI

Maharashtra Regional Chapter, Nagpur organized Eleventh Lecture Series on the occasion of World Habitat Day on 26 October 2021. Prof. Vijay Kapse, Chairman, MRC (N), in his welcome speech gave the background about the World Habitat Day theme which focussed on “Accelerating Urban Action for a Carbon Free World”.

Shri Pradeep Kapoor, Secretary General, ITPI highlighted the fact that for World Habitat Day



Lecture Series - XI is in progress

2021, Pakistan is the host country and zero carbon emission is to be achieved by 2030. In the present day scenario human kind is facing the challenge of Covid – 19 on one hand and on the other the challenge of climate change, Shri Kapoor mentioned.

Dr. D. S. Meshram, President, ITPI on the theme of the World Habitat Day noted that about 70 per cent of global carbon dioxide (CO<sub>2</sub>) emission accounts for bulk of urban greenhouse gas emission from transport, buildings, energy and waste management, while by 2050 two-third of global population will be living in urban areas. Most countries in the world have a positive carbon foot print i.e. they emit more CO<sub>2</sub> than their forests can absorb. China is the world's largest contributor to CO<sub>2</sub> emission, now producing 10.6 billion metric tons of CO<sub>2</sub> due to electricity through burning of coal, followed by United States of America with 5.41 billion metric tons from transport and industry, and India being the third contributor with 2.65 billion metric tons from coal, followed by Russia with 1.71 billion metric tons from natural gas and coal. Excessive emission of carbon-dioxide disrupts the temperature of atmosphere leading to global warming, which is the cause of worry.

Prof. Dr. Joy Sen, Indian institute of Technology, Kharagpur delivered talk on the topic “Role of Indian Knowledge Systems in Contemporary Planning Framework”. He focused on the four crises that have begun to pervade our planetary existence: i.e. Socio-cultural: Community and individual lifestyle disorders; Climatic: Environmental and ecological imbalances; Geo-political: Tensions between MNC and TNC versus small organizations in nations; and Economic: Demand and supply mismatches. He specifically emphasized on the need for a reversal, particularly recognition of the deep semantics of ecological ethics and environmental values, which can empower an average citizen with better senses of discrimination, empathy and balance in life style abilities. Repositioning of Indian knowledge systems is the need of the hour to alleviate these complex crises, and to take humankind away from the path of total disaster and annihilation by the four aforesaid disorders to collective goodwill and enlightened and interconnected humanity.

Dr. Krishnamurthi Kannan, Scientist at CSIR-NEERI delivered his lecture on “Climate Change Mitigation Using Microalgae: Possible Solution for GHG Emission”. He discussed the current year's World Habitat Day theme of 'Accelerating Urban Action for a Carbon-Free World', and recognized that cities are the major contributors to global carbon dioxide emissions. He pointed out how the discussions on World Habitat Day amplified the global Race to Zero Campaign and encouraged local governments to develop actionable zero-carbon plans in the run up to the international climate change summit COP 26 being held in November 2021. He also discussed the concepts of carbon sequestration, removal of carbon from the atmosphere and storing it in a secured place anywhere on the land, water and rocks; carbonic anhydrase, one of the fastest enzyme on earth which converts about 6 lakh molecules of CO<sub>2</sub> to bicarbonate (HCO<sub>3</sub>) per second, and how it plays a major role in capture and conversion of CO<sub>2</sub> from the atmosphere; algae that are rich in carbonic anhydrase enzyme hence, the micro algal mediated CO<sub>2</sub> sequestration and climate change mitigation vis-à-vis value generation (Biofuel, carbonate, nutraceuticals, pharmaceuticals, protein and lipids) approach has been attempted here using photo-bioreactors.

The vote of thanks was extended by Shri Jagdish Rajurkar, Secretary, MRC (N), while Dr. Sarika Bahadure introduced dignitaries and the key speaker.

MRC (N) Lecture Series - XI  
is in Progress



## 70th NATIONAL TOWN & COUNTRY PLANNERS CONFERENCE

Institute of Town Planners, India on the invitation of Madhya Pradesh announces its 70th National Town & Country Planners Conference to be held at Bhopal (Madhya Pradesh), during 14 – 16 January, 2022 on the theme 'India at 75: Spatial Planning Initiatives' with sub-themes on 'Re-imagining India's Urban Future'; 'Enhancing Urban Planning Capacity in India'; 'Resiliency of Indian Cities' and Local sub-theme on 'Local Area Planning for Making Cities Resilient in Madhya Pradesh'.

Papers are invited from the members of ITPI on the main theme and sub-themes not exceeding 3,000 words, along with hard and soft copy in MS Word to reach, the Secretary General, ITPI, New Delhi before 10th December 2021.

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Pradesh from 2007 to 2010, Standing Appeal Committee expert with All India Council of Technical education 2015. He has completed research project on "Liveability Index, Jabalpur Smart city in India" as good governance. Dr. Singh, earned his Ph. D. in Urban Planning at Maulana Azad National Institute of Technology Bhopal, India focussing on "Monitoring for water supply systems in urban areas, Bhopal."

He has guided Ph. D. students, P. G. students as well as U. G. students of Planning and has published over 65 research papers. Also he had taught Environmental Design and Governance and Urban Management at SERD as visiting Professor at Asian Institute of Technology (AIT) Bangkok, Thailand under Faculty secondment programme, seconded by Ministry of Human Resource and Development Government of India during January to May 2013 term and January 2019 sessions. He is also Review Committee member for Elsevier Journal of Urban Management and Review Committee member for various other International Journals. Also he is Advisory Committee member to various International Conferences CEAAE-2020 Sanya China and various others.

He is member of Board of studies, School of Architecture and Planning Mysore, Karnataka. He was visiting Professor with AIT Bangkok, UEM Jan 2013, (Faculty Secondment MHRD) and visiting faculty with SPA Bhopal for Building Construction, and examination paper setter for Integral University Luknow, Pravidhic Shiksha Parishad Uttar Pradesh, MITS Gwalior etc and external examiner to SPA Bhopal, VNIT Nagpur, CSVTU Bhilai, etc.

### Secretary General: Pradeep Kapoor

Shri Pradeep Kapoor, elected as Secretary General of ITPI for 2021 – 2022, was working as Additional Chief Town Planner with Government of Rajasthan. On attaining superannuation he was reappointed as Advisor (Town Planning) in Urban Development

and Housing Department Government of Rajasthan. Earlier he was appointed as founder Registrar, Rajasthan Real Estate Regulatory Authority while working as Additional Chief Town Planner on 1 May 2017 and continued on this post till 31 July 2018. During 2017-18 he worked as Chief Town Planner (NCR), Rajasthan Sub - Region.

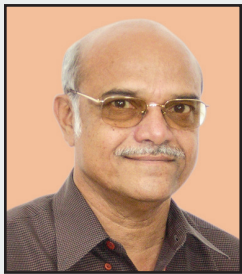
He was involved as Chairman of the Building Regulations Committee in the preparation of Unified Building Regulations, 2017 for urban areas for the State of Rajasthan; Rajasthan Township Policy 2010; Policy for Transferable Development Rights, 2012, Chief Minister's Jan Awas Yojana, 2015, Affordable Housing Policy of Government of Rajasthan, Rajasthan Land Pooling Scheme Act, 2017, and Policy for Development Control of Hill Areas, 2018 in Rajasthan during his tenure in Urban Development and Housing Department, Government of Rajasthan.

Shri Kapoor was also a member of the All India Board of Town and Country Planning Education of AICTE from 2013 to 2018. Shri Kapoor is presently member of Senate of School of Planning and Architecture, New Delhi and BOG of School of Planning and Architecture, Bhopal and also Vijayawada.

Shri Kapoor completed his postgraduate degree in Regional Planning from IIT Kharagpur in 1981 and Postgraduate Diploma in Management from IGNOU, Delhi in 1992. He has been actively involved in the various activities of the Rajasthan Regional Chapter ITPI including that of the Treasurer, Secretary and Chairman. He successfully organised NTCP Congress in the year 1999 and 2017 in Jaipur and Udaipur respectively. Shri Kapoor has been instrumental in procuring land and construction of the Regional Chapter buildings in Jaipur and Udaipur. He was elected as Secretary General of the Institute of Town Planners India first time in the year 2002 and is extending all support in various activities of the Institute.



Institute of Town  
Planners, India



**Prof. Dr. D. S. Meshram**  
President, ITPI



**Prof. Dr. Jagdish Singh**  
Vice President, ITPI



**Pradeep Kapoor**  
Secretary General, ITPI

## ELECTED OFFICE BEARERS OF ITPI (2021 - 2022)

### **President: Prof. Dr. D. S. Meshram**

Prof. Dr. D. S. Meshram, a multifaceted personality, having combination of profession, education and research, has been elected President, ITPI for 2021 – 2022. He is also the Vice- President of Commonwealth Association of Planners. He has earlier held the prestigious position of Chief Planner, Town and Country Planning Organization, Government of India for over 12 years and was responsible for elevating the status of Chief Planner, TCPO to Joint Secretary level in Government of India. After his retirement from the TCPO as Chief Planner, Government of Uttarakhand appointed him Advisor, Urban Development. He has been a member of Delhi Development Authority, and New Delhi Municipal Council. Prof. Dr. Meshram started his career as a teacher in Guru Ramdas Postgraduate School of Planning, Guru Nanak Dev University, Amritsar before joining defence services as architect. He later joined TCPO, Ministry of Urban Development, Government of India.

Due to his initiatives, the ITPI was awarded the work for the preparation of Urban Development Plan Formulation and Implementation (UDPFI) Guidelines by the Ministry of Urban Development and Poverty Alleviation, Government of India in 1996. The Development Plan for the Universal Township of Auroville was prepared by him adopting the UDPFI Guidelines to demonstrate the practical applicability of the Guidelines.

Under his presidency, the International Conference on the theme “Future of Cities: Opportunities and Challenges” was organized by ITPI during 27 - 28 July, 2017 at Vigyan Bhawan, New Delhi. The conference was also attended by President, and Secretary General, Commonwealth Association of Planners, besides President, Institute of Town Planners, Sri Lanka, among others.

Dr. Meshram, also ensured that Zonal Conferences of ITPI are organized regularly on the themes of regional interests for better interactions among the members of Regional Chapters. It is due to his untiring efforts that a separate All India Board of Town and Country Planning Education was created by the All India Council of Technical Education, Ministry of Human Resource Development, Government of India. He was also the Chairman of this Board for more than 6 years.

Prof. Dr. Meshram realised that for the town planning profession to prosper, it needs to have undergraduate courses and accordingly took up the matter with then Ministry of Education, Government of India, and in the late 1980s. SPA, Delhi was the first planning school to start Bachelor of Planning followed by other institutes. He also took the lead in pressing the Ministry of Human Resource Development, Government of India to start four new Schools of Planning for which he prepared the DPR and made presentations to erstwhile Planning Commission, Government of India. However, the Ministry of HRD started two new schools of planning, one each in Vijayawada and Bhopal. He has authored about 100 research papers published in accredited journal of Institute of Town Planners, India. He was instrumental in acquiring land for the construction of a majority of the Regional Chapter buildings of the ITPI.

Prof. Dr. Meshram was born on 16 May 1941 at Nagpur. He received his Bachelor’s Degree in Arts; and Bachelor’s Degree in Architecture from Nagpur University. He got his Master’s Degree in Town and Country Planning from the School of Architecture and Planning, Chennai, and LLB from the Punjab University, Chandigarh. He completed his Ph. D. from the Institute of Development Studies, University of Mysore at the age of 72. He was appointed Professor on Devraj Urs Chair by the University of Mysore, Karnataka. Dr. Meshram is the guiding spirit not only to the planning professionals but also to the educationists and researchers in the country.

### **Vice President: Prof. Dr. Jagdish Singh**

Prof. Dr. Jagdish Singh, Professor in Architecture and Planning Department and Proctor Institute at Maulana Azad National Institute of Technology Bhopal, has been elected as Vice-President, ITPI for 2021-2022. He has experience of more than 29 years encompassing teaching, training, research and consulting services in the field of Urban Planning, Environmental Design and Ground Water Resources, Governance, and Management.

He is a Fellow member of the Institute of Town Planners India, and member of committee for preparation of guidelines for Land Registry Documents, Madhya

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