



PLANNERS NEWS LETTER

April - June - 2020

No. 17 x 2

Institute of Town Planners India

4-A, Ring Road, I.P. Estate, New Delhi - 110002

www.itpi.org.in

RNI-DELENG/2004/12724

Chairman Editorial Board:
Milind B. Patil

Editor and Secretary Publication:
Prof. Dr. Ashok Kumar

In this Issue

- 1 West Zone Conference
- 4 ITPI Webinar Part-I
- 6 ITPI Webinar Part-II
- 9 ITPI Welcomes to New Members
- 23 Felicitation to President, ITPI
- 24 MRC (N) Lecture Series - VII

Designed by:
Dr. D.S. Meshram



Souvenir being released by Shri Sanjay Kumar, IAS, Secretary (Revenue) Government of Goa; present on dais (on left) are Prof. Dr. D. S. Meshram, President, ITPI; Shri Pradeep Kapoor, Secretary General, ITPI; Shri James Mathew, Chairman, Goa Regional Chapter, (on right) Shri Swayam Choudhary, CEO, Imagine Panaji Smart City; Shri Milind B. Patil, Vice President, ITPI; and Shri Vinod Kumar, Secretary, Goa Regional Chapter

WEST ZONE CONFERENCE 'Sustainable Development Strategies for Climate Change'

The West Zone Conference was organized by Goa Regional Chapter of ITPI during 29 – 30 February, 2020 at the Ferm, Kadamba, Goa, on the theme 'Sustainable Development Strategies for Climate Change'.

In his inaugural address Shri Sanjay Kumar, IAS, Secretary (Revenue), Government of Goa, traced the relevance of climate change in India. He noted that if we are experiencing the change in the average temperature and if we feel it is warm, the question arises, is it due to climate change? Similarly, have we witnessed big draughts during the last 25 years? If the answer is yes, then certainly we are experiencing climate change? He stressed that such issues are required to be noticed, addressed, and studied in depth.

Shri Sanjay Kumar congratulated the ITPI for publishing the 4 ITPI Journal issues and 4 Planners'

Newsletter every year since 1951 on a regular basis. He said that such journals should not only be circulated among the planning community but should be also circulated to the policy makers and urban managers. He also raised the issue of planned and unplanned habitations and pointed out that nobody likes to live in unplanned habitations. He argued that these citizens are compelled to occupy such habitats due to lack of affordable housing. He also pointed out that since density of our cities is increasing, we should make efforts to densify the existing towns and cities to accommodate ever increasing population, if not we should attempt to depopulate the existing areas. All such issues need to be revisited in collaboration with all the stakeholders.

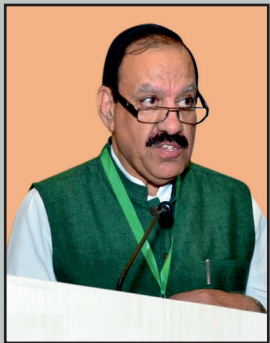
With reference to development plans, he highlighted the fact that these documents are important for all citizens but majority of people don't understand the



Institute of Town
Planners, India



**Shri Sanjay Kumar,
IAS, Secretary
(Revenue)
Government of Goa,
delivering inaugural
address**



**Shri Pradeep Kapoor,
Secretary General,
ITPI, delivering
welcome address**



Prof. Dr. D. S. Meshram, President, ITPI lighting the Ceremonial Lamp during Inaugural Session; present on dais (on left) are, Shri Sanjay Kumar, IAS, Secretary (Revenue) Government of Goa; Shri Swayam Choudhary, CEO Imagine Panaji Smart City; Shri Pradeep Kapoor, Secretary General, ITPI; Shri James Mathew, Chairman, Goa Regional Chapter, (on right) Shri Milind B. Patil, Vice President, ITPI; Shri Vinod Kumar, Secretary, Goa Regional Chapter

technical language of planners. He proposed that development plans should be written in such a manner that a majority of the people can understand. Shri Sanjay Kumar, also released the colourful souvenir printed on this occasion comprising messages of the dignitaries besides some technical papers.

Shri Swayam Choudhary, CEO, Imagine Panaji Smart City, in his key note address stated that industrial revolution has created the challenge of greenhouse gases, while use of fossil fuels in transportation generated more carbon dioxide which has exposed cities to the climate change. In fact cities are facing the impact of climate change due the ever increasing population, and consumption of already depleting resources also increases. Yet another big challenge is the production of unprecedented amount of wastes. How we deal and manage the solid wastes is also threatening local bodies and city authorities to collect, transport and dispose of the wastes, both liquid and solid. Among the extreme challenge of hunger, we are also experiencing the wastage of food. Goa with 60 percent of urbanization rate is also experiencing dwindling mining and tourism activities and facing the challenge of updating and upgrading the infrastructure while resilience and sustainability remains unattended.

Prof. Dr. D. S. Meshram, President, ITPI, in his presidential address mentioned that climate change generally refers to the change in averages and extremes in the climate of a region over time. It is measured by changes in temperature, precipitation, wind, storm and other whether indicators. It has been

predicted that the climate change is likely to increase the frequency, intensity and duration of extreme events in unpredictable ways and will require cities to adapt strategies that enable decision makers to manage the variabilities and uncertainties. The heat waves also play a major role in the climate change specifically its frequency and power. In India during 2019, the temperature rose to 50.6 degree Celsius and 36 people died. Rise in temperature takes place due to melting of the glaciers which ultimately result in the rise of sea level, threatening the very existence of low lying coastal settlements. Indian climate regions range from tropical to temperate climate in south and alpine in north Himalaya creating snow fall.

Global warming is also the after effect of climate change which rises in average surface temperature on earth and gases such as carbon dioxide and other greenhouse gases due to the use of fossil fuels. In India the percent level of pollution noticed amounts to 51 percent caused by industries; 27 percent caused by vehicles; 8 percent by burning of crops; and 5 percent by fireworks. As a consequence, 2 million people die prematurely every year in India, which calls for adopting sustainable planning and development strategies to mitigate the challenge of climate change. He also raised the important question: are our cities sustainable?

The climate change scenarios projected by the Ministry of Environment and Forest, Government of India indicates that by 2030 net increase in annual temperature with respect to 1970, will change between 1.7 – 2.2°C with extreme temperature

increasing by 1.4°C, with maximum increase in coastal regions. Sea level along Indian coasts will also rise in consonance with global sea level rise, and change is also projected in forest sector or vegetation. He called on the planners to plan climate change resilient cities and also to adopt disaster risk reduction measures. He also referred to the Sustainable Development Goals (SDGs) to which India is also signatory, which contain 17 SDGs with 169 targets and are based on the principles of 'leave no one behind'. In fact SDG-11 focuses on making cities and human settlements inclusive, safe, resilient, and sustainable.

In the inaugural session welcome address was delivered by Shri Pradeep Kapoor, Secretary General, ITPI and a vote of thanks was extended by Shri James Mathew, Chairman, Goa Regional Chapter.

The Technical Session – I was chaired by Prof. Dr. D. S. Meshram in which presentations were made by Prof. Dr. Saswat Bandopadhyay, CEPT University, Ahmedabad, on 'Climate Resilient Planning Framework for Indian Cities', and also by Shri Saurav Choudhary from IGBC on 'Green Cities'.

The Technical Session – II was chaired by Prof. E. F. N. Ribeiro, former President, ITPI, in which presentations were made by Ms. Namrata Kashyap, Town Planner, on the theme 'City Level Policy Guidelines to Mitigate Climate Change Effects' and also by Shri Sujeet Kumar Dongre, Scientist, CEE on 'Coastal Zone Management Plan, Goa'.

The Technical Session – III was chaired by Shri K. S. Akode, former President, ITPI, in which presentations were made by Shri Pradip Sarmokadam, Member Secretary, Goa Biodiversity Board, on 'Importance of Planning in dealing with Climate Change' and by Shri Digvijay Desai, GWMC on 'Implementation of Waste Management Rules in Goa'. Both speakers stressed that the task of planning in present scenario of climate change is very challenging, including waste management specifically for small towns, which not only requires foresight but also actions on ground within the parameters of prevailing rules and regulations. He also raised the issue of bringing into fold unplanned towns because nobody would like to live in unplanned towns, and this calls for improving the quality of life in small and medium towns.

In his Valedictory address Shri J. Ashok Kumar, IAS, Secretary, Health and Sports, Government of Goa, sharing his experience of planning and waste management noted that these are very challenging issues and need to be addressed with sensitivity.

To clarify his point he quoted the example of Lakshadweep where infrastructure of any kind was not in place for collection, conveyance and disposal of solid wastes as even vehicles were not available. Use of plastics in a daily life was a big challenge not only for planners but also for policy makers and managers in urban areas as most of it is non-degradable. He also emphasised the fact that we should decrease the production of wastes and also recycle the wastes particularly those that are not degradable. The segregation of dry and liquid wastes should be segregated at household level, which would ease the task of solid waste disposal. He then underlined the challenges of waste produced due to building construction and called on the planners to enforce the ECBC and green building norms so as to reduce the pollution to mitigate the challenge of climate change.

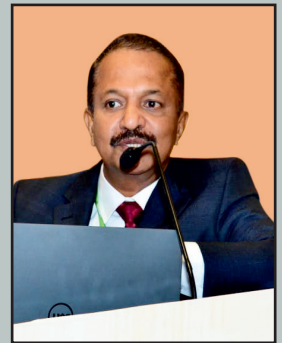
Shri Sanjit Rodrigues, Commissioner, CCP, in his address pointed out that practices of town planning and waste management require foresightedness and of course the will to enforce rules and regulations for making our towns and cities sustainable. The provision of landfill sites for disposal of wastes is required to be made in the development plan as nobody wants the collection of waste sites next to their houses i.e. 'not in my backyard'. Where will waste be dumped? This question remains answered.

Prof. Dr. D. S. Meshram, President, ITPI in his concluding remarks highlighted that the increase in population in towns and cities beyond its bearing capacity demand provision of more infrastructure in addition to update and upgrade both in terms of quality and quantity. However, at the same time, resources are very limited. Therefore, there is a need to achieve a balance between consumption and conservation of available resources, which calls for sustainable development. He also mentioned that the use of plastics has also increased substantially in our daily life resulting in increasing the proportion of plastic content in the garbage, which we produce. Therefore, it would be more appropriate to recycle the plastic wastes. Lest, it gets dumped in landfill sites or ends up polluting streams or ground water resources. While concluding he underlined that plastic waste directly or indirectly affected living organisms, including marine life. So, it is pertinent to reduce the use of plastic in our daily life.

In the Valedictory Session, the welcome address was delivered by James Mathew, Chairman, Goa Regional Chapter and at the close of the Session the vote of thanks was extended by Shri Vinod Kumar, Secretary, Goa Regional Chapter.



Shri J. Ashok Kumar, IAS, Secretary to Chief Minister and Secretary Health and Sports, Government of Goa, delivering the valedictory address



Shri James Mathew, Chairman, Goa Regional Chapter, extending the vote of thanks



Institute of Town Planners, India


ITPI WEBINAR PART-I 'Post Covid-19: Planning of Cities and Towns'

The ITPI organized webinar series part – I starting on 2 May 2020 on the theme 'Post Covid- 19: Planning of Cities and Towns'. The key speakers were Prof. Dr. Ashok Kumar, Professor, SPA, Delhi, Prof. Dr. Subrata Chattopadhyay, Professor, I.I.T., Kharagpur; Prof. Shivanand Swami, Professor, CEPT University, Ahmedabad; and Prof. K. K. Pandey, Professor, IIPA, New Delhi.

a community, population or region, but a pandemic is an epidemic that is spread over multiple countries or continents. Thus, the effect of pandemic is widespread. Therefore there is a need to reorient our policies and strategies for planning and development of our towns and cities in the mist of Covid-19. This webinar is part-I of the series, which will be followed by inviting the professionals and other experts subsequently.

Shri Pradeep Kapoor, Secretary General, ITPI giving the background of the webinar mentioned that last

In his introduction Prof. Dr. D. S. Meshram, President, ITPI mentioned that in recently held 68th National Town

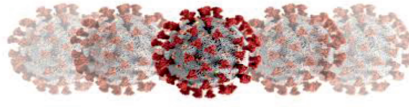


ITPI

Webinar
on
post
COVID-19
"PLANNING OF CITIES
AND TOWNS"

Saturday
2nd May, 2020
at 11 AM

[Click here](#) to register
for participation



Sub themes:

- * 'Post Covid-19 **Housing Policy**' by Dr. Subrata Chattopadhyay, Prof I.I.T. Kharagpur
- * 'Post Covid-19 **Mass Transportation**' by Prof. Shivanand Swamy, CEPT Ahmedabad
- * 'Post Covid-19 **Inclusive Planning and Development**' by Dr Ashok Kumar, SPA Delhi
- * 'Post Covid-19 **Revival of Urban Economy**' Dr. K. K. Pandey, Professor IIPA, New Delhi

Moderators:



Mr. Pradeep Kapoor
Mobile: 9829210716



Dr. D.S. Meshram
Mobile: 9810444609

Speakers:



Dr. Subrata Chattopadhyay



Prof. Shivanand Swamy



Dr. Ashok Kumar



Dr. K.K. Pandey

INSTITUTE OF TOWN PLANNERS, INDIA
4-A, RING ROAD, IP ESTATE.
NEW DELHI 110002
E-mail: itpidel@itpi.org.in
ntcpcongress@gmail.com
Website: www.itpi.org.in



official pandemic took place in 2009 and caused an outbreak of H1V1 virus, commonly called as 'Swine Flu'. In recent history, HIV and AIDS pandemic at its peak killed 36 million people during 2005-2012. In fact pandemic is the worldwide spread of a new disease, according to the WHO, while the epidemic is a disease that affects a large number of people within

and Country Planners, Conference at Navi - Mumbai on the theme 'Spatial Planning and Implementation Strategies' delegates recommended development of compact and dense cities in order to utilize less land for urban development, which is a scarce commodity. However, in the present day scenario, we are confined to our homes due to lock down in order to observe

social distancing. In this prevailing situation, the issue arises as to how much our towns and cities be dense or compact. In addition whether the prevailing norms and standards still holds good or require revision. Besides, planning polices in terms of housing, traffic and transportation, physical and social infrastructure, trade and commerce, open spaces also require to be revisited. For example, in mass transportation by rail and buses people struggle to enter, and then struggle to get out. The question is how much mass transportation should be promoted for mass travel. With reference to personalized vehicles, earlier we argued that vehicle should carry full capacity of passengers, and now we are concerned about how to observe physical distancing.

Safety us an essential element of mobility, however during Covid-19 when traffic has reduced on the roads the driver gets tempted to increase the speed which may result into accidents. He has also highlighted that in order to observe social distancing people may start using their personal vehicles, increasing traffic on the roads. Our *bazars* and *mandies*, are overcrowded then how to observe physical distancing?. This also holds good for public spaces, which will be crowded if social distancing is to be observed. People also advise to wash hands with soap frequently, which is not possible in slum areas, where water is available only for few hours and not even sufficient for drinking purposes. Therefore, we have to weigh not only the direct effects of Covid-19, but also its side effects. If we talk about compact cities, how much compact or dense it should be? How much density we should increase or take into consideration for maintaining physical distancing? In case we have to provide more space, may be horizontal or vertical, then how to reduce costs. All these challenges are required to be addressed by city planners.

Prof. Dr. Subrata Chattopadhyay spoke on the theme 'Post Covid-19 Housing Policy'. He said that historical evidence shows devastating impact of outbreak of epidemics on cities, towns, built environment and housing. Therefore, contemporary post-Covid-19 housing policies should adopt special measures during lock down. Currently, poorly designed and overcrowded dwelling units pose the biggest threat with 14 million households living in urban slums under unliveable conditions with no scope for physical distancing. Socio-economic inequalities are increasing in many places due to enhancing income inequality, economic vulnerability translating to poorer health outcomes; environmental injustices like living near incinerators, landfills, etc. leading to lung inflammations. There is no space in homes to isolate ill persons due to lack of space. Physical distancing is a myth in slums considering congestion factor because only 20 percent of dwelling units in a

slum have a plinth area of more than 50 sq m and per capita floor area available in a slums could be as low as 4.6 sq m. They also have limited access to water for hand washing. Prof. Dr. Subrata Chattopadhyay further mentioned that in slum areas one tap is available for a number of people, and the quantity is also insufficient for drinking purposes. He therefore suggested carrying removable taps.

Prof. Dr. Ashok Kumar focused his presentation on the theme 'Post Covid-19: Inclusive Planning and Development' in the context of SDG-6 and SDG-11. In his presentation, he argued that during Covid-19 pandemic everyone is not suffering equally, the urban poor and people working in the informal sector are suffering more. Prof. Ashok Kumar explained that three million people were locked down within four hours, and markets and commercial establishments were shut down, bringing the economy of the country to a complete halt. One thing that became clear was the fact that it is not the markets which control the economy of the country; rather it is government which remains all pervasive and extremely powerful. The myth of the market was shattered by the state. He further argued that decision makers requiring the poor to wash their hands frequently are not a pragmatic strategy without first making water available to them. How do policy makers expect urban poor to frequently wash their hands when water is supplied infrequently and only for half an hour? The urban poor have to make a choice, whether they should store water for drinking purposes or use water for cleaning hands. The poor face this diabolical dilemma. Besides as the community water taps works only for one hour, and a number of people gather to get water, under such circumstances, it is impossible to observe physical distancing. Physical distancing is also not possible in case an urban poor gets infected and needs to be isolated because the size of a *jhuggi* may not be more than about 50 sq m. So, the urban poor are disproportionately badly affected by COVID-19 as it happens in any and every pandemic.

Prof. Shivanand Swamy dwelt on the theme 'Post Covid-19: Mass Transportation'. He said that spread out cities create more challenges. If we follow physical distancing, the capacity would come to half, that is to say reduced ridership. Who will bear the costs, he asked? In the prevailing circumstances, the question also arises whether metros and light rail, etc., would be viable? Due to lock down, it is said that people will work from home, does it mean that people will not move at all. He argued that people need to move for other purposes. He also stressed that causalities are not higher in high density areas, but more in low density areas. Thus, density is not the



problem but norms and standards are the problem. Therefore, he suggested revisiting the prevailing norms and standards, to address the requirements of the challenges of Covid-19. He also suggested that there is a need to prepare 'mobility plans', which should be embedded in master plans. He was of the firm opinion that smart cities and towns need to be provided with more infrastructure, amenities and facilities, and should be connected with metro cities with high mobility networks.

Prof. Dr. K. K. Pandey deliberated on the subject 'Post – Covid – 19: Revival of Economy'. He observed that people are going back from urban areas to rural areas or to their villages from where they migrated and it is not known whether they will ever return to urban areas i.e. their work place. If yes, when will they return is also not certain? As they go back to their villages, they create pressure on provision of water and various activities, while the rural areas are already deficient in supply of drinking water. Therefore,

expecting them to clean their hands frequently with soap is not feasible. With reference to the supply of essential goods and provisions, he suggested to tap the supply chain near national highways. He also pointed out that inclusive growth also includes poor. He argued that 15 metropolitan cities do not have the capacity to absorb more people, and if the migrants return to these cities, it will be a challenge to these cities to provide for their livelihoods. Therefore, he suggested to tap 461 class-I towns, as the typology of migration is likely to change. He also highlighted the need for provision of rental housing to employees and migrants who are likely to return.

Presentations were followed by open house discussions. While extending a vote of thanks Shri Pradeep Kapoor, Secretary General, ITPI, noted that very fruitful and meaningful discussions and deliberations took place on this very important theme, and will be followed up in part - II of the webinar on the same subject.

ITPI WEBINAR PART-II 'Post Covid-19: Urban Planning'

Welcoming the key speakers and participants to the ITPI, webinar part - II, Shri Pradeep Kapoor, Secretary General, ITPI noted that in Part - I webinar all the four key speaker were educationists. Today on 9 May 2020, there are four key speakers out of which three are expert in the preparation and implementation development plans and the fourth key speaker is a professor SAP, AMITY University, Chhattisgarh. He further mentioned that the theme of the webinar 'Post Covid- 19: Urban Planning' assumes importance because it is the first pandemic after globalization. Thereafter, he requested all the key speakers to share their views as to how they intend to address the Covid – 19 situation, not only in plan preparation but also in plan implementation and enforcement.

Ms. Leenu Sehgal, Commissioner (Planning), Delhi Development Authority (DDA), who is spearheading the Master Plan Delhi, 2041, began by saying that the epidemics and pandemics ravaged the humanity throughout its existence, irrespective of race and region. With reference to Covid-19, she opined that not only low density areas have been affected but the high density areas of Delhi are also affected. She further highlighted that we generally prescribe space standards for dwelling units i.e. 25 to 32 sq m, but it was observed that some times 30 to 40 people also live in one room. Therefore, the endeavour

should be to prescribe per capita space to overcome this problem. Migration of people to Delhi was a common knowledge and now we are witnessing reverse migration, and people who have gone back to their villages may not come back to Delhi in the near future. She also advocated adoption of a mixed growth strategy comprising: economy + soil + environment while preparing development plans. She also called for public participation, which would not only ease pressure on city planners for the preparation of master plans but also for the implementation of plan proposals. She also underlined innovative solutions and technologies for plan implementation and enforcement, and called on planners to give their suggestion for Master Plan for Delhi, 2041, which is being prepared.

Ms. N. Usha, Additional Secretary (Technical), Member and Chief Planner, Chennai Metropolitan Development Authority (CMDA) in her presentation underlined the need to relook at cities in real contexts in terms of the key areas like density of population, reverse migration, mass transportation, e-governance and planning parameters. She also called on the planning community to focus their attention on affordable housing and public spaces, creating large urban parks and housing for migrant labourers. The vowels for new business in planning

WEBINAR ON
POST
COVID-19
"URBAN PLANNING"

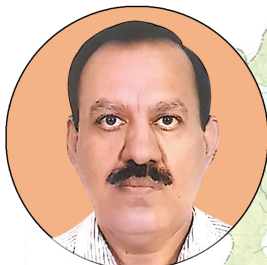
ITPI



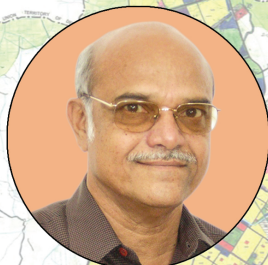
[Click here](#) to Register
for Participation

9th MAY 2020
Saturday | 11:00 AM

MODERATORS

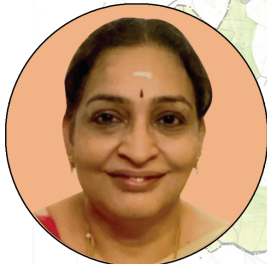


Mr. Pradeep Kapoor
Secretary General, ITPI



Dr. D. S. Meshram
President, ITPI

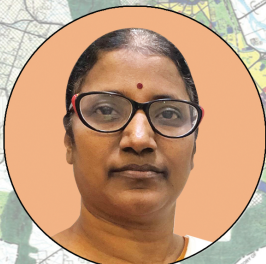
SPEAKERS



Mrs. N Usha
Additional Secretary (Technical)
Member and Chief Planner
CMDA, Chennai.



Ms Leenu Sehgal
Commissioner Planning,
Delhi Development Authority



Miss. Uma Adusumilli
Chief, Planning Division
MMRDA



Dr. Mansee Bal Bhargava
Prof: SAP, Amity University, Chattisgarh
Env't. Design Consultants, Ahmedabad

INSTITUTE OF TOWN PLANNERS, INDIA
4-A, RING ROAD, IP ESTATE, NEW DELHI 110002
email: itpidel@itpi.org.in | ntpccongress@gmail.com
Website: www.itpi.org.in

should focus on adaptability, efficiency, inclusivity and opportunity. Due to huge demand for motorized transport, the widening of foot paths and cycle tracks get neglected, which is not only environment friendly mode of transport but also affordable for poor for short distance trips. She raised yet another issue for

the consideration of not only planners, but also policy makers. She said that e-governance, which requires minimum or no interaction with physical presence and therefore this policy needs to be propagated to overcome the problem of physical distancing. She also brought into focus the aspect of digital public



offices and also digital education not only to avoid dependency on transport but is also a solution for observing physical distancing.

Ms. Uma Adusumilli, Chief Planning Division, Mumbai Metropolitan Region Development Authority (MMRDA), in her presentation highlighted adoption of the principle of walk to work and co-working, so that during Covid-19 situation, there is no need of lock down of offices. She also advocated reducing the dependence on motorized vehicles. Population density and clean air should be the major concerns during planning. Besides, we should decentralize jobs and entertainment centers to avoid concentration of more people at a given time at a given place. She also mentioned that Mumbai Metropolitan Region Development Authority is making efforts to decentralize core areas comprising of offices, markets, industries, etc. With reference to migration she has propagated development of small and medium towns as the metropolitan cities are attracting more population. She also suggested to have planned lock down may be on Sundays. Besides, it will also be advisable to impose lock down of total transport system on Sunday to stop the movement of people except for emergency services. She also recommended provisioning of facilities to migrant workers and no compromise should be made on amenity standards and development control rules. Towns and cities should not be seen as planned or developed in isolation of the region, rather it is appropriate in the prevailing situation to adopt regional planning concepts. With reference to transport oriented development (TOD), she argued its rationalization.

Dr. Manse Bal Bhargava, started her presentation by talking about building our cities in such a lock down situation is a big challenge to the planning community. She further elaborated that planning cannot be a problem solving exercise. Now we have to focus on new norms created only for the Covid-19 situation. She also noted that infrastructure we provide is not accessible to all strata of society. There is over provision of infrastructure in some areas, while no service is available in other areas. To make her point clear she quoted the example of Dharavi. Yet another point she brought into focus was building cities where we cannot take the car, and blame others for congestion. She emphasized on three H principle i.e. health, hygiene and happiness and propagated to have integrated land use planning. Stressing on the issue of provision of water, she said that water supply plan needs to be embedded in a development


plan, which at present is not receiving adequate attention of planners. She advocated bringing the value of land to zero. She also called on the planning community to bring blue-green revolution. With reference to observing physical distancing, she wanted policy makers to be pragmatic when it comes to the urban poor. On the issue of lock down due to Covid-19 pandemic, she noted that safety is more psychological than real.

Prof. Dr. D. S. Meshram, President, ITPI, while concluding the webinar noted that all the key speakers has made an elaborate presentations and covered, majority of emerging issues related to Covid-19 situation. He underlined that in our country for planned and orderly development of our towns and cities, we have adopted a system of preparation of development plans or master plans, which interalia prescribes norms and standards and development control regulations which hold good for the situation which was prevailing when these norms and standards were framed. Now due to Covid-19, we have to rethink new norms to observe social distancing. On the issue of reverse migration, he opined that it is premature to mention that reverse migration has taken place, it is temporary phenomena, as soon as situation improves the migrated people will return, unless and until, the employment opportunities are provided in their villages or in the nearby small and medium towns. On the issue of Master Plan cannot be problem solving exercise, he clarified that we prepare the Plan to meet the requirements of the projected population for 20 to 25 years, however we cannot foresee the political compulsions, in between and therefore, Master Plan need to provide for such eventuality. To clarify his points he quoted the example of Common Wealth Games held in Delhi, due to which lakhs of service population migrated to Delhi, therefore, solutions to such challenges are required to be addressed in the Plan. On the issue of why we build cities where one cannot take his car, Dr. Meshram, opined that cities are not built only for affluent people owning cars but also for masses who do not possess automobiles. Similarly on the issue of water he mentioned that water issues are invariably addressed in physical infrastructure chapter, in detail and water is also dealt as a natural resource and natural feature in the concerned chapters. To clarify his point he quoted the example of Delhi Master Plan.


Extending a vote of thanks to the key speakers and participants, Shri Pradeep Kapoor, Secretary General, ITPI, mentioned that this webinar will be followed up with Part - III.

ITPI WELCOMES TO NEW ASSOCIATE MEMBERS


Associate Members



Pragya Sharma
2019 - 273
C / o Shri Sudhir Sharma
B2 - 403, Akash Enclave, Sector - 6A,
Vrindavan Yojna,
Lucknow - 226029, Uttar Pradesh



Deepmala
2019 - 283
#408, GHS-3, Sector 24 Panchkula
Haryana - 134116



Anubhav Jangra
2019 - 274
A-1 / 629, Sector 6 Rohini
New Delhi - 110085



Vineesh Das Kodakkandathil
2019 - 284
Kodakkandathil (H) Palliyarappadi
Pulpetta (PO) Manjeri Malappuram (dist)
Kerala - 676123




Fathim Rashna Kallingal
2019 - 275
Asian School of Arch. and Design
Silversand Island, Vyttila P.O. (Asadi)
Ernakulam - 673010, Kerala




Biju Narayanan
2019 - 285
Aungrah Mavungal Anandashram Post
Kanhagadkasaragod Dit.
Kerala - 671531




Amrita Bhatnagar
2019 - 276
24, Cavalry Lines Delhi University
New Delhi - 110007, Delhi




Daman Preet Chugh
2019 - 286
H. No. 717, Sec. 39, Urban Estate opp.
Vardhman Mills Chandigarh
Road Ludhiana - 141010, Punjab




Raunak Prasad
2019 - 277
A-93 Vidhut Nagar Vaishalinar
Jaipur - 231222, Rajasthan




Charu Dhawan Nangia
2019 - 287
A-86 Amar Colony Lajpat Nagar-II
New Delhi - 110024, Delhi




Priya Kumari
2019 - 278
Door No. 24 / 3 2nd Cross Streetvaigai
Colony 12th Avenueashok
Nagarchennai - 600039, Tamil Nadu




Gaurav Mahajan
2019 - 288
R/o H.No. 65, Lane No. 7 (Upper)
Greater Kailash Jammu (J&K) - 180011




Ashutosh Manmohan Shahu
2019 - 279
175, A, Kamal Kunj, Queta Colony,
Lakadganj, Nagpur - 440008,
Maharashtra




U. L. Nallapaneni
2019 - 289
B/1201 White Flag CHS, Plot No.
12A/12B, Sector 19, Kamothe
Navi Mumbai Maharashtra - 410209




Shailendra Kumar
2019 - 280
W-770, Jalvayu Vihar Phase-2,
Greater Noida - 201310



S. V. Bhende
2019 - 290
Flat No. 01, Ground Floor, Krishna
Square Sector 20B Airoli
Navi Mumbai - 400708




Isha
2019 - 281
D / o Shri Harbans Lal
House No. B - 2446, Street No. 4 F,
Kailash Nagar, Fazilka - 152123, Punjab



Amanjot Kaur
2019 - 291
D - 7/25, Sector - 15, Suncity
Apartments, Rohini, Delhi - 110089



Ganesh Jaiswal
2019 - 282
H. No. 41, Lakhanpur housing society
Dist. Kanpur, U.P. - 208024



Pooja Rastogi
2019 - 292
214 / 3A, Subhash Marg, near KGMU, opp.
Sarura Hospital, Lucknow - 226 003,
Uttar Pradesh



Bhagyashree Uddhav Gapat
2019 - 294
Ruturjarje Bank Market Kallamb Tah Dist
Usmanabad - 413507



Mohammad Ahmad
2019 - 295
H. No. 647 Lane No. 1 Hadinagar
Doharra Mafi Aligarh UP - 202002



Surabhi Shandil
2019 - 296
#1106, Ground Floor, Maruti Vihar
Chakkarpur Gurgaon - 122002



Shiva Ramavath
2019 - 297
H. No.2-29/8 Baleenpally,
Adavidevulapally (M.O) Nalgonda (Dist)
Telangana - 508207



Vivek Khurana
2019 - 298
C-504, Sukhsagar Apartment, S2, IP
Extension Patparganj Delhi - 110092



Jitendra Sri Vishnukant Annam
2019 - 299
D-22-23, Institutional Area D-Block
Pankha Road Janakpuri Delhi 110058



Sarath Babu M. G.
2019 - 300
Pankajam Gardens TC - 4 / 1772,
ARA-104, Devaswom Board Junction,
Kowdiar PO. Thiruvananthapuram
Kerala - 695003



Bitan Hawladar
2019 - 301
Unit No. 415, IBI Consultancy India
Pvt Ltd., 4th Floor Vipul Plaza Building
Suncity Sector 54 Gurugram 122002



Supriya Ajit Savant
2019 - 302
C/o Ajit Savant ABC Co. Op. HSG
So. No. 3 Bungalow 8 Pawana Nagar
Chinchwad, Pune - 411033
Maharashtra - 8390903849



Anugrah Anilkumar Nagaich
2019 - 303
B-04, Pocket -1, Sagar Raoyal Villas,
HoshangabadRaod Bhopal, Madhya
Pradesh - 462026



Ambarish Dutta
2019 - 304
P-13, Bakeny Road, Belgharia
Kolkatta - 700056, West Bengal



Shriya Kaushal Korde
2019 - 305
H. No. 638 Gaarwa Devlai Kandola
Marcel, Goa - 403107



Arjun Mukherji
2019 - 306
Dept. of Architecture and Regional
Planning, IIT Kharagpur - 721302



Prerna Mundra
2019 - 307
Mundra Bhawan Beside Ashoka Ratna
Gate No. 2, VidhanSabha Road, Shankar
Nagar Raipur 492007



S. S. Jukur
2019 - 308
#33-Par-II, Majmumdar Society,
Kubernagar, Bhargavroad, Naroda
Gujarat - 382340



Gaurav
2019 - 309
3/148-149 Khchripur
New Delhi - 110091



Karishma Dhruv Patel
2019 - 310
299, Sahakae Nagar, BIH Swati Society,
New Sama Road Vadodara
Gujarat - 390008



Parthkumar Kanaiyalal Patel
2019 - 311
B-1004, Elite Greens, Vundemutrum
Cross road Gotu, Gujarat - 382481



Bhavik Bharat Kumar Raval
2019 - 312
Khushbhavi 1-Marutinagar Nr. Airport
Rajkot - 360006



Abhishek Kamleshbhai Jani
2019 - 313
Swastik Society, 4 - Lok - Rachana,
Appt., Jamnagar, Gujarat - 361008



Rameshwar Hembram
2019 - 314
Ashu Sahis Lane, Deshbandhu Road,
Police Colony, Purulia - 723101



Shameer Nizar M.
2019 - 324
8, Mariyapraksaam Street Jothi Nagar,
Attur (P.O) Salem Dt., Tamil Nadu - 63102



Keval Manubhai Mistry
2019 - 315
Plot No. 786/1 Jagruti Park, Sector-30,
Gandhinagar, Gujarat - 382030



Eunice Premanjali N.
2019 - 325
104, Vannier ST. G1-Navin's Terrace
Choolaimedu, Chennai 600094, Tamil
Nadu, 6303032594



Suparna Dasgupta
2019 - 316
36/C Sarat Ghosh Garden Raod,
Dhakuria, Kolkata - 700031



Patel Kunjankumar Rameshbhai
2019 - 326
54, Greencity, Nr. Amrit Party Plot,
ModheraRaod, Mahesana 384001,
Gujarat



Vinod Laljibhai Rathod
2019 - 317
Mayuri Appartment Mayurimarg,
Begput, Hyderabad 500016 - Telangana



Anuj Anil Kumar Modi
2019 - 327
A/12, Dhanlaxmi Society Nr. Kamala
Park, HarniWarasia Ring Road,
Vadodara, Gujarat 390006



Vishwa Devang Mehta
2019 - 318
B-804, Chinmay Towers, Nr. Subhash
Chowk, Gurukul Road Membagar,
Ahmedabad-380052



Bhavin Jayendra Raval
2019 - 328
22, Gopalbag Society Opp.
Madhuvrund Society Ghatlodia,
Ahmedabad,- 380061



Shiva Shanthanraj Deshpande
2019 - 319
Flat NO 406, Sri Vasai Residency Shiridi
Sai Nagar, Vinayak Nagar,
Telangana 503001



Vinit Sureshkumar Prajapati
2019 - 329
99, Shiv Ganesh Bunglows-1, Opp.
ZydusHospital, Thaltej,
Ahmedabad 380059



S. V. Chalapathi Raj Deshpande
2019 - 320
Flat No. 406, Sri Vasai Residency Shiridi
Sai Nagar, Vinayak Nagar,
Telangana 503001



Sanjaykumar Natvarlal Bhadani
2019 - 330
D/104, Sarjan Residency Opp.
Haridarshan Society Singanpor
Causeway Road Surat, Gujarat 395004



N. Rajalakshmi
2019 - 321
2-368/NA Sipcot Housing colony
Mookondapalli Hosur Krishnagiri (Dt.)
Tamilnadu - 635126



Sai Chand Ravutula
2019 - 331
Plot No. 28/A Road No.3, Gandhi Nagar
South, Sahebngay Kalan Haythnagal
Mondal Hyderabad Telangala - 500070



Samya Halder
2019 - 322
241 Alomoni Plot NO. 69, Nabatirtha,
P.O. Hridaypur, North 24, Parganas,
West Bengal - 700127



Taraka Pavan Sai Rampilla
2019 - 332
9-47-8, Kummari Street No. 5, Kothapet,
Nr. KBN College, Vijayawada,
A.P. - 520001



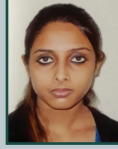
Sayani Mitra
2019 - 323
8A/1 Baishnabhghata Bye Lane Jai
Jayanti Apartment, Kolkata - 700047
West Bengal



Amit Kumar
2019 - 333
B - 493, Street No.15, Baprola Vihar,
New Delhi - 110 043



Miten Pravinbhai Gadhiya
2019 - 334
14-B, Saurabh Bunglows Nana Mava
Road, Nr. Raj Residency, Rajkot,
Gujarat 360005



Aparna Saha
2019 - 335
10- East Road, AbiraConfiar Flat No.
3-C, Gadavpur Kolkata,
West Bengal 700032



Gangahar Kacharla
2019 - 336
H. No. 3-11-109/A/407, Saraswathi
Block Ganesh Nagar, Road No. 3,
Ramanthapur Uppal, Malkajgiri Medchal-
Dist., Telangana 500013



Kovida Balaji Anapakula
2019 - 337
No. 45, Vijay Clusters, Flat No. 201,
1st Main, 14th Cross, Sanjay Nagar,
Bangalore, Karnataka 560094



Parul Sharma
2019 - 338
B-34/4668-A, Street No. 14. Durgapuri,
Haibowal Kalan, Ludhiana 141001,
Punjab



Sheena Mehra
2019 - 339
339, GH-14, Pashchim Vihar,
New Delhi - 110087



Venkata Kiran Kumar Dugunta
2019 - 340
Plot No. 35, Balaji Anjanadri Colony,
Kachivani Singaram (v), Ghatkesar (m),
Telangana - 500088



Sreedhara Charyulu Toopurani
2019 - 341
Flat No. 206, Creative Kamal Complex
West Mavvedpally, Secunderabad 500026
Telangana



Lakshmi AM
2019 - 342
226/1A, Ground Floor A, Varshana Flats,
Tihruveethi Amman Kovil 4t Street,
Porur Chennai - 600116, Tamil Nadu



Nagendra Maniram Tarigoppula
2019 - 343
19-10-2, Flat No GF-3, Chilukuri
Apartment, Kakinada 533001
Andhra Pradesh



Karri Rajesh
2019 - 344
Dr. No. 5-396 Mogalipuram,
Sabbavaram Visakhapatnam,
A.P. - 531035



Dhaarna
2019 - 345
C/o hardutt Singh Munshi Gajadharsingh
Margh, Hatras U.P. 204101



Deepa Puzhakkal
2019 - 346
Haritham, KrambahKandi (HO), Edakkade
(PO), Calicut - 673 005, Kerala



Shweta B. Raval
2019 - 347
C-202, SavyaSkyz, 200FT Ring Road,
Opp. Santavan Party Plot, Towards
Veshnodevi circle Zundal,
Gandhi Nagar 382421



Avani Hitesh Tolia
2019 - 348
Mangalam, 30 Kotechanagar Above
Veefix, Shop Kalawad Road, Rajkot
360001, Gujarat



M. R. Barbhuiya
2019 - 349
H. No. 17, Ward-3, Masjid Road, Slichar,
Ghonilala, Assam 788002



Miratlalitikumar Shah
2019 - 350
C-603, Govindji Park Apartment, Opp.
SVNIT College, Ichchhanath, Surat,
Gujarat 395007



Vijay Keshubhai Odedra
2019 - 351
24, Swetrajnans Society Nr. Mini Bazar
Khodiyar Nagar road, Varachha Road,
Surat, Gujarat 395006



Jaysing Mahadeo Jadhav
2019 - 352
Shree Krupa Niwas Gurudatta Colony
Bhosari Pune 411039, Maharashtra



Rohan Ashok Pandit
2019 - 353
Nandanvan Colony A/G Chakrapani
Vasahat Road, Bhosari Pune 411039,
Maharashtra



Reetanshu Mani Singh
2019 - 354
 SP4B, Bhabha Marg, Tilak Nagar, Jaipur,
 Rajasthan, 302004



Rajendra Singh
2019 - 355
 C/O Bharat Singh Sandu, Infront of GSS
 School Karni Colony, Surat City, Pali,
 Rajasthan - 306104



Shiva Kumar Gurwala
2019 - 356
 H. No. 23-577, (N.D-1973 Nagerjuna
 Colony, Naspur Post CCC Mancherial
 Dist. 504302 - Telangana



Gem George Jacob
2019 - 357
 711, 7th Floor, Tagore Road Hosterl,
 Opp. Minto Road Post Office,
 New Delhi - 110002



Miten Satishbhai Godhania
2019 - 358
 A/203 Dhanpal Flats Opp. Sudhan
 Complex Althan Road, Bhatar
 Surat - 395017



Utsav Harshad Patel
2019 - 359
 801/C Gunati Nagar, Opp. Vishwakrupa
 Soc. Sumul, Dairy Raod, Surat,
 Gujarat - 395004



Glity Sara George
2019 - 360
 Vadasseril (H) Nr. Marthoma College
 Perumbavoor P. O. Ernakulaum,
 Kerala - 683542



Richa Rashmi
2019 - 361
 C-403, DDA LIG Flats Gaurampuri Sarita
 Vihar, Delhi - 110076



Akanksha Iaroiya
2019 - 362
 FF-2, 10/19, Sector-III, Rajendra Nagar,
 Sahibabad, Distt. Ghaziabad,
 U.P. - 201005



Ashwini Dubey
2019 - 363
 Room No. 646 A, Nirman Bhawan,
 Maulana Azad, Maulana Azad Road,
 New Delhi - 110011



Samyukta Sai Varikoti
2019 - 364
 4th Floor, Institute of Social Science,
 Nr. Gurudwara, Nelson Mandela Marg,
 Vasant Kunj, New Delhi - 110070



Ankita Mandal
2019 - 365
 2nd Floor, E-914, CR Park,
 Delhi - 110019



Anand Jayadan Panchal
2019 - 366
 4, SampadManush Apartment,
 Nr. Krishna Col., Ishita Tower RD,
 Navrangpura, Gujarat - 380009



Kiran G. Singh
2019 - 367
 B-2/2128 Vasant Kunj,
 New Delhi - 110070



Mayur Gemnani
2019 - 368
 Krishna Cold Storage Nr. Old Power
 House TorvaLalkhanden Road Bilaspur
 Chhattigarh - 495004



Sandeep Bangde
2019 - 369
 Tulip 370, Talpuri International Colony
 Ruabandha Block-A, Bhilai,
 Chhattisgarh - 490006



Nishchhal Shrivastava
2019 - 370
 HIG-7, Sector-1, Shankar Nagar, Opp.
 Jeevan Apartment, Raipur
 (C.G.) - 492007



Jyoti Prakash Majhi
2019 - 371
 C/487 Koelnagar Roorkela Sundargarh
 Odisha - 769014



Deep H. Buch
2019 - 372
 B-205, Siar Regency BIH Love Temple, Nr.
 AG Circle, Kalawad Road,
 Rajkot - 370001



Dhaval K. Pankhaniya
2019 - 373
 67, Shree Harsidhdi, Raghuvir Park,
 Nr. Patidar Chowk, Sadhuvaswani Raod,
 Rajkot, Gujarat - 360005



Sunitha Bhejenki
2019 - 374
H. NO. 1-83, Korlapahad (vi) Kethepally
(m) Nalgonda (D), Telangana - 508211



Praveen Kumar Indigipally
2019 - 375
H. No. 15-3-82, DA 898, Nehru Street
Ramavaram Kothagupem, Bhadradi
Kothagodem, Telangana - 507101



Supriya Kumari
2019 - 376
Asst. Professor, Architecture
Department, NIT, Patna - 800004



Naveen Nishant
2019 - 377
C/o Umesh Chandra, E/401,
Mudeshwary Enclav, Aakaswani Raod,
Khajpura, Patna - 800014



Rajankumar Mulchand Gajbhiye
2019 - 378
Plot No. 33, Behind Sainath School,
Pragatinagar, Nr. Manewada Road,
Nagpur, Maharashtra - 440027



Babar Javed
2019 - 379
Faculty of Architecture, Manipal
Academy of Higher Education Manipal
Karnataka - 576104



Sundeep Kumar Sheshadri
2019 - 380
Assistant Professor,
Block-AB-2, Manipal School of Architecture
and Planning, Manipal - 576104



Kumar Gaurav
2019 - 381
Assistant Professor,
Block-AB-2, Manipal School of Architecture
and Planning, Manipal - 576104



Abhinanda Chatterjee
2019 - 382
Assistant Professor,
Block-AB-2, Manipal School of
Architecture and Planning,
Manipal - 576104



Priya Mishra
2019 - 383
205, Samudra Annexe Nr. Girish Cold
Drink Cross Road, CG Road
Ahmedabad - 380006



Hardik N. Chanchad
2019 - 384
62, Mamtapark Soc. Section 3, Nr.
Spinning Mill Kapodra, Varachha
Surat - 395006



Amanpreet Kaur
2019 - 385
D/o Khem Chand Bhatia, 229, Factory
Road, Ajit Nagar, RampuraPhul,
Punjab - 151102



Kumar Vyomkesh
2019 - 386
Assistant Professor,
Block-AB-2, Manipal School of
Architecture and Planning,
Manipal - 576104



Sachin C. Tamboli
2019 - 387
Spagetti Society Building No. K-4 Flat
No. 26, 7th Floor, Nr. DAV School,
Sector 15, Kharghar
Navi Mumbai - 410210



Rama Krishna Sharma V.
2019 - 388
C/o VV Ramadas Advocate Circular
Raod P. O. Contractor PADA,
PhubaniSahiPhulbani, Odisha - 762002



Abhishek Arora
2019 - 389
1394, Sector 6 Urban Estate, Karnal
Haryana - 132001



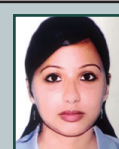
Supriya Prabhakar Thul
2019 - 390
Row House No. 35, Arjun Park, Beltaro
di road, Nr. Beltarodi Police Station,
Nagpur, Maharashtra - 440005



Priyanka Kumar
2019 - 391
1139, NHB, Karnal 132001, Haryana



Paritosh Goel
2019 - 392
Top Floor, 132/C6B Janakpuri
New Delhi - 110058



Parthiba Chakraborty
2019 - 393
Flat No. 203, Krishna Enclave, KVK
Road, Buxi Bazar, Cuttack - 753 001,
Odisha



Rohit Bhardwaj
2019 - 394
 VPO Trehal, Via Majherna, The. Baijnath
 Distt. Kangra - 176063,
 Himachal Pradesh



Ravi Inderjit Singh
2019 - 404
 48 Kalgidha Colony Batala,
 Punjab - 143505



Devroopa Paul
2019 - 395
 604, Block-21, Raintree Park, Kukatpally
 Hyderabad 500072
 Telangana



Sundus Samreen Wani
2019 - 405
 A-61, Indra Enclave, Forest Lane, Neb
 Sarai, New Delhi-110068



Nadia Fernandes
2019 - 396
 Palm Grove Estate, GardozWaddo Nr.
 Saomigoel School Taleigao
 Goa - 403002, Panjim



Anchal Rohilla
2019 - 406
 H. No. 933, Saini Vihar Phase-III,
 BaltanaZirakpur (SAS Nagar)
 Punjab - 140604



Manjeet Kaur
2019 - 397
 Kothi No. 62 A, St. No. 5, Ram Nada,
 P.O. DMW Patiala Punjab - 147003



Alam Parvej
2019 - 407
 Vill-Kharagram P.O. Talsur, Dist. Malda
 West Bengal 732125



Annet Bincy Edwin
2019 - 398
 URP Design Services G-296 Panampilly
 Nagar, Kochi - 682036



Gurdeep Sharma
2019 - 408
 #70, Adarsh Sainik Colony T-CP-2,
 Hisar Cantt, Haryana -125006



Ravindra Namdeorao Jaybhaye
2019 - 399
 C/o 502/B Goyal Garima Society
 Keshavnagar Chinchwad,
 Pune - 411033, Maharashtra



Prabhat Kumar Rao
2019 - 409
 LIG 4/171, Sector-4, Janakipuram,
 Lucknow, UP-226021



Amita Pathria
2019 - 400
 1028, Rani Sati Nagar, Gopalpura Bypass
 Jaipur, Rajasthan - 302019



Makaral Goutham
2019 - 410
 D. NO.20-6-32, FF-I, Adverthy
 Residency, Main Road, R.L. Pet,
 Vijayawada, A. P. 520003



Nitish
2019 - 401
 C-109, Krishna Nagar, Pali Road,
 Jodhpur - 342005, Rajasthan



Bramhaiah Gantenapalli
2019 - 411
 New Municipal Office, Near NTR
 Stadium, Gudiwada - 521301



Himani Yadav
2019 - 402
 S-2, Ashiana Apartment, B-341,
 Sector-B, Mahanagar,
 Lucknow - 226006



Ganesh Raju Jallipalli
2019 - 412
 D.no. 3-106/1, Main Road, Agiripalli,
 (Mandal & Village) Krishna
 Dist. - 521211, AP



Sriharsha Chowdary Cheekati
2019 - 403
 232-E, Pocket-1, Mayur Vihar, Phase-1,
 Delhi-110091



Gagan Deep Chopra
2019 - 413
 H.No. 294, Sector 71, SAS Nagar,
 Punjab Chandigarh - 160014



Rupsa Chakraborti
2019 - 414
Shyama Apartment, 1/2a Dharmatala
Road, Kasba, Kolkata - 700042



Priyandri Laha
2019 - 415
69, Paik Para, 1st Row,
Kolkata - 700037



Poulomy Banerjee
2019 - 416
Flat No. 501, Apex Tower, Sagarbhanga
Durgapur, West Bengal - 713211



Umra Anees
2019 - 417
3140, Gali Nanwa Teli, Turkman Gate,
New Delhi - 110006



Prashant Kumar Verma
2019 - 418
H.No.602, Ajnara Daffodil, Sector 137,
Noida, UP-201305



Himani
2019 - 419
DDA, 2nd Floor, Vikas Minar, IP. Estate,
New Delhi-110002



Smita
2019 - 420
507, 13, A.P. Sen Road, Charbagh,
Rohit Paradise near Mohan Hotel,
Lucknow - 226001, Uttar Pradesh



Amruta Amey Kakirde
2019 - 421
B-207, Kumar Pinakin Mohan Nagar, Nr.
Regency Classic, Mumbai Pune Bye Pass,
Pune - 411045, Maharashtra



Jumpi Jini
2019 - 422
B-Scetor, Rajbhawan, Itanagar,
Arunachal Pradesh - 791111



Narasimha Deepak Sarma Karlapalem
2019 - 423
Dr. No. 5-48-13/2, 4/13 Brodipet,
Guntur, Andhra Pradesh - 522002



Mayank Mausom
2019 - 424
Sector 14/466, Indira Nagar,
Lucknow, UP - 226016



Sarika Gautam
2019 - 425
H.No.1/C, Hastsal Village Uttam Nagar,
New Delhi 110059



Dikchha Tiwari
2019 - 426
Jankipuram, Lucknow, UP-226021



Ravi Meena
2019 - 427
C-3, Ved Villa Colony Ramnagar Sodala,
Jaipur-302019



Madhur Kukreja
2019 - 428
88, Kapil Vihar, Pitampura
Delhi - 110034



Jayeshkumar Maheshkumar Bhagwat
2019 - 429
AT- Malwadi (Bhaushebnagar), Tal/
Post-Daund, Dist Pune
(Maharashtra) - 413801



Arathy Gopal
2019 - 430
Department of Urban Design, School
of Planning and Architecture, 4-B Ring
Road, New Delhi - 110002



Sanket Subhash Mane
2019 - 431
B-502, Saikripa CHS, Plot No. 100,
Sector -27, Nerul (E),
Navi Mumbai - 400706



Swapnali Bhausaheb Bhujbal
2019 - 432
Sagar Row House, Plot No. U-112,
Sector No. 04, Airoli,
Navi Mumbai - 400708



Pallavi Tiwari
2019 - 433
G-3 Preet Vihar Nr. Hillwoods Academy
New Delhi-110092



Vikas Verma
2019 - 434

2nd Floor, Department of Urban Planning, 4-Block-B, IP Estate New Delhi - 110005



Shalvi Sharma
2019 - 444

H. NO.B-10, DCR university of Science and Tech., Murthal, Sonipat - 131039



Harshida Rathod
2019 - 435

H. NO.7/A, Sukh Shanti Niwas, FCI Road, Nr. Raipur, Naka, Rajnandgaon, C.G (491441)



Amal Jose
2019 - 445

B-1 Suncity Township Sectr - 54, Gurugram - 122002



Savitri Kumari
2019 - 436

GH-34, Gayatri Nagar, Sector-II, HEC, Dhurwa Ranchi - 834004, Jharkhand



Kushagra Sinha
2019 - 446

C-21, East End Apartment Mayur Vihar, Ph-I, Ext., New Delhi - 110096



Apoorv Srivastava
2019 - 437

91N/C-1, Indra Nagar, Kanpur - 208026 (UP)



Harish R.
2019 - 447

39, 1st Stage, 1st Phase, 6th Cross, 12th Main, Gokulla Ext, Karnataka - 560054



Sonia
2019 - 438

H.No. 55/12, Shastri Nagar, Nr. Jain Senior Sec. School Ganaur, Haryana - 131101



Chinmay Shrinivas Satbhai
2019 - 448

Arvis Chambers, FL-2, Premlok Park, Chinchwad, Pune - 411033



Puneet Mishra
2019 - 439

F-170, Azad Hostel, IIT Roorkee, Uttarakhand - 247667



Shreya Mangla
2019 - 449

H.No.1215, Sector-19, Faridabad, Haryana - 121001



Kalyani Kishor Wani
2019 - 440

603, Parwati CHS A-wing, Above Hotel Amrapali, TalavPali, Thane (W)-400602



Bhargav Vallabhbbhai Harshida
2019 - 450

Sevakunj Nr. Satadhar Society Wadi B/H Saraswati School A. K. Raod, Surat 395008, Gujarat - 395008



Sangge Nangkar
2019 - 441

Pangkam Apartment Niti Vihar VIP Road, Itanagar, Arunachal Pradesh - 791002



Vivek Agnihotri
2019 - 451

Asst Professor, Department of Architecture, National Institute of Technology Raipur, GE Road, Raipur - 492010 (Chhattisgarh)



Prithivi Mohan
2019 - 442

WZ-139B/10 3rd Floor, Street No. 12, New Mahavir Nagar, Tilak Nagar, New Delhi - 110018



Akash Singh
2019 - 452

6/458, Vineet Khand Gomti Nagar, Lucknow, U.P. - 226010



Ajay Gour Singh
2019 - 443

Qr. No.4-A, Street No. 18., Sec-02, Bhilainagar, Chhattisgarh - 490001



Sravan Kumar Basavathula
2019 - 453

8-48/3, VDO's Colony Laxmipur, Karimnagar, Telanagana - 505451



Ravinder
2019 - 454
Sec-17, FF, Saxena Hospital Street,
Sonipat - 131001



Megha Barry Fernandes
2019 - 455
101, Padmaraj CHS, 100 Ft. Road, Opp.
Balaji Hotel, Diwanman, Vasai Road (W),
Dist. Palghare 401201 - Maharashtra



Aditya Wallabh
2019 - 456
Plot No. 29, Ground Floor, Rachna
Nagar, Bhopal - 462023
Madhya Pradesh



Prachi Aniruddha Pawar
2019 - 457
B-106 Gopika Vihar, Shankarwadi
Taleigao Panjim, Goa - 403002



Suman
2019 - 458
H. No. A-303, South City 1,
Gurgaon - 133001



Atul Girish Gosavi
2019 - 459
Nandgiri 132 KV Substation road, Sai
Shraddha Chowk, Sangamner,
A'nager - 422605, Maharashtra



Vishal Chetry
2019 - 460
VNIT Nagpur, S Ambazari Road,
Ambazari, Nagpur - 440010,
Maharashtra



Reshma T. Vilasan
2019 - 461
Ph. D. Scholar, Deptt. of Arch. &
Plg., VNIT Nagpur, S Ambazari
Road, Ambazari, Nagpur - 440010,
Maharashtra



Shalini
2019 - 462
Flat No. 47, SPA Residential Complex
Taimoor Nagar, New Delhi 110065



Jyotiraditya Verma
2019 - 463
FC-24, First Floor, Film City, Sector
16-A, NOIDA - 201301



Mohd. Wasey Khan
2019 - 464
WSP Consultants India, FC-24 1st Floor,
Sector 16A, Filmcity, Noida - 201301



Naveena Velaga
2019 - 465
64-D, Pocket C, Siddhartha Extension,
Sunlight Colony, Nr. Maharani Bagh,
Delhi - 110014



Aarti Nagpal
2019 - 466
H. NO. 427, DA-Block, SFS Flats,
Shalimarbagh, Delhi - 110088



Ankita Raman
2019 - 467
H. No. 2341, Opp. Sector-15 Market,
Sonipat, Haryana - 131001



Pradeepta Bhushan
2019 - 468
#2A, Civil Hospital, Manimajra
Chandigarh (UT) - 160101



Ram Shankar Shah
2019 - 469
3A, RZP-244, Gali No. 4, Raj Nagar
Part-2 New Delhi - 110077



Era Hashia
2019 - 470
L-12A Delux Colony, Daurala Sugar Works
Daurala, Meerut, U. P. 250221



Janhavi Sanjay Chaudhary
2019 - 471
A3/402 Mahadkar Residency Right
Bhusari Colony Paud Road, kothrud
Pune - 411038



Pranita Chhatrapal Somkuwar
2019 - 472
Flat No. 1303, Building No. 9, Ozone
Valley, Pavsik Nagar, Kalwa Thane,
Maharashtra - 400605



Sneha Subhash Asktekar
2019 - 473
B1/304, Uttam Townscapes,
Vishrantwadi Pratik Nagar Road,
Pune - 411006



Ahana Sarkar
2019 - 474
 Centre for Urban Science and
 Engineering (C-use), IIT Bombay, Powai,
 Mumbai, Maharashtra - 400076



Neenu Thomas
2019 - 475
 Centre for Urban Science and
 Engineering (C-use), IIT Bombay, Powai,
 Mumbai, Maharashtra - 400076



Nitish PT
2019 - 476
 Thiyadivalappil (H), Alankode P.O.
 Malappuram Dist. Kerala - 679585



Riah Paul
2019 - 477
 Vettichipa (H) MA College P.O.
 Kothamangalam, Ernakulam (Dist)
 Kerala - 686666



Mohammed Yasir Khan
2019 - 478
 Flat NO. 502, 5th Floor, Elina Building,
 Beverly Park, Nr. WinstoneBuilding Behind
 RBK School Miraroad (E), Dist. Thane,
 Maharashtra - 401107



Sahaja Muppidi
2019 - 479
 Vill Parlappally, Thimmapur Mandal,
 KarimnagarDisrict, Telangana - 505469



Tessy Varkey
2019 - 480
 Ariavilas, Kodukulanji PO Chengannur
 Alappuzha - 689508, Kerala



Mezhuvalie Usou
2019 - 481
 H. No. 61, Lower Jail Colony, Kohima
 Nagaland - 797001



Charve Jain
2019 - 482
 K-16 A, Kailash Conoly,
 New Delhi - 110048



Jwngma Basumatary
2019 - 483
 E-210, flat No. 3, Gali No.1, Pandav
 Nagar, Mayur Vihar Phase-I,
 New Delhi - 110091



Ratnil Shrivastava
2019 - 484
 G-903, Indraprastha Towers Drive IN
 Road, Memnagar Ahmedabad - 380052



Digisha Kirtan Mehta
2019 - 485
 B-306, Chichi Tower, Elldra Park,
 Vadodara - 390023



Pratyooosh Madhavi
2019 - 486
 720, AH Milan Heights, Pipliyahana
 Road, Nr. Agarwal Public School,
 Indore - 452016



Tanya Rajwal
2019 - 487
 P-24/104 A-109, Tatrakshak Vihar,
 Sector 23, Noida - 201301



Akshay Babanrao Ukirde
2019 - 488
 MADC, 8th Floor World Trade Centre-1,
 Cuffe Parade, Mumbai,
 Maharashtra - 40005



Neha Goyal
2019 - 489
 DK-1/9 Danish Kunj kolar Road
 Bhopal - 462042



Gurkirpal Singh Bhangoo
2019 - 490
 B-XIX, 422, Govt. College Road, Civil
 Lilnes, Ludhiana, Punjab - 141001



Ruma Bhatt
2019 - 491
 Plot No. -6F/1053, Sector 9, CDA
 Cuttack, Odisha - 753014



Krati Varshney
2019 - 492
 C-176, Tilak Society, Indra Vihar Colony,
 Airport Road, Bhopal - 462030



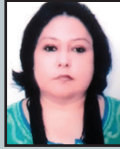
Kamal Peshwani
2019 - 493
 C-176, Tilak Society Indra Vihar Colony
 Airport Road, Bhopal (MP) - 462030



Sneh
2019 - 494
Asst. Professor, Department of
Architecture, DeenBandhuChottu Ram
University of Science and Technology,
Murthal Sonipat, Haryana - 132001



Komalirani Yenneti
2019 - 504
D. No. 4-1-8, Haritha Colony
Pedawaltair, Visakhapatnam, Andhra
Pradesh - 530017



Narinderjit Kaur
2019 - 495
F-16/763 Shiv Puri Road, Friends
Avenue, Majitha Road, Amritsar,
Punjab - 143001



Pradeep Singh Rathi
2019 - 505
C-3/602, SRS Residency Sec-88,
Faridabad, Haryana - 121002



Maria Roseann Diniz
2019 - 496
H. No. 27, Cusmane, Quepem
Goa - 403705



Monika Pal
2019 - 506
Flat No. 120, Pocket-3, Sector-2, Rohini,
Delhi - 110085



Mathew Joseph P.
2019 - 497
M/s Mathew & Saira, 39/4186A, MG
Road, RavipuramCochim,
Kerala - 682016



Bhargav R. Patel
2019 - 507
05, Shankardada Society KK Nagar
Road, Ghatlodia, Ahmedabad
Gujarat - 380061



Sreya Sinha
2019 - 498
6B, 1st Floor, Gate-2, DDA Flats, Taimoor
Enclave, New Delhi - 110065



Kshitiz Raj Zinus
2019 - 508
Infront of the Church of GoD Bhojpur
Champa (C.G) - 495671



Ambily P.
2019 - 499
Pournami Vidya Housing Complex
Anakoodu Thodu Puzhaldukki Dist
Kerala - 685584



Dr. Pawan Kumar
2019 - 509
Village + Post Jamalpur District Banda
Uttar Pradesh - 210001



Sandeep Kumar Shrivastava
2019 - 500
2nd Floor, Jabbal Tower Civil Lines,
Raipur, Chhattisgarh - 492001



Ajay Kumar Singh
2019 - 510
105, Road-1, Janak Nagar
Devi MandapPiska More, Ratu Road
Hesal Ranchi - 834005, Jharkhand



Anjali Pathak
2019 - 501
TA-23 BIT Mesra Campus, Ranchi
Jharkhand - 835215



Anwesha Chandra
2019 - 511
D-104, Gali No.5, The Nest PG Laxmi
Nagar, New Delhi - 110092



Riya Gupta
2019 - 502
St. No.1, Baba Farid Nagar, Old Cantt
Road Faridkot, Punjab - 151203



Himanshu Panwar
2019 - 512
Flat No. 101, Atlantis CGHS Pvt. Ltd,
Sec.-47, Gurgaon - 122018



Mukesh Kumar Shankwar
2019 - 503
Lecture, Arch & ID SR Govt. Polytechnic
College Tili Road, Sagar (MP) - 470001



Vishal Rai
2019 - 513
62-A, Pocket-I, Mayur Vihar, Phase-I,
Delhi - 110091



Mohd. Salman
2019 - 514
 Near Shagun Petrol Pump,
 MorhuChwraha, Gaddopur, Allahabad
 U.P. - 211013



Neelkanth Agrawal
2019 - 524
 C-18, Behind EAC Colony Near
 Collectorate Ravi Nagar, Raipur
 Chhattisgarh - 492001



Pavan Kumar Sumankant Tiwari
2019 - 515
 B-3, Room No. 07, Sector 5, Cidco
 Colony, Asthavinayak Society,
 Kalambali, Navi Mumbai - 410218



Deepak Kumar
2019 - 525
 WAPCOS Ltd., H. No. A-24, Behind
 Jaganath Temple, Gayatri Nagar, Raipur,
 Chhattisgarh - 492007



Arpitha Charabudla
2019 - 516
 10-6-272/2/12B, Lingoiguda,
 Sorooranagar, Hyderabad,
 Telangana - 500035



Vivekanand Bhuinya
2019 - 526
 S/o John Bhuinya Vill-Katingkel P.O.
 Goilker Dist. West Singh Bhum
 Jharkhand - 833103



Jyothsna Ganguluri
2019 - 517
 Flat No.002, KMV Raaga Apartment, 1st
 Lancer Road, Masab tank
 Hyderabad - 500004



Rajiv Sharma
2019 - 527
 G-304, Mantri Avas Colony Vibhuti
 Khand, Gomtinagar, Lucknow - 2206010



Sumandeep Sandhu
2019 - 518
 #3092, Sector-11 Jind,
 Haryana - 126102



Nikita Sharma
2019 - 528
 B-137, Sector-15, Noida - 201301



Ashish Verma
2019 - 519
 Block-31, House No. 372, Trilok Puri
 Delhi - 110091



Pooja Ratnu
2019 - 529
 A-44, 3rd Floor, Jangpura, Block-B,
 Matura Road, Delhi - 110014



P. Divya
2019 - 520
 #9, Balambal Nagar, 2nd Street
 Extension Virugambakkam,
 Tamil Nadu - 600092



Shri Sujith K. M.
2019 - 530
 Karippayil House, Kuruppamkulangara
 PO, Cherthala, Kerala - 688539



Nizar S. A.
2019 - 521
 Syed Manzil, 25-Sarathh Nagar, TKM
 CPO, Kollam - 691005



Vijaya V. Warudkar
2019 - 531
 KH4-17-203, Celebration Sector 17116,
 Khargaon Navi Mumbai - 410210



Chirag Shailesh Shah
2019 - 522
 13/B Naresh Park Shantinagr near
 Rajesh Residency Flats, Usmanpura,
 Ahmedabad - 380013



Minhaj Fatima Nishat
2019 - 532
 H.No. 8-1-347/B/12/1, Aziz Bagh, Rahul
 Colony, Phase-2, Tolichowk, Hyderabad,
 Telangana - 500008



Yatika Chaudhary
2019 - 523
 Flat No. 12, jai Laxmi Apartment, Plot
 No. 59, I.P. Extension, Patparganj,
 Delhi - 110092



Shri Sanjeev
2019 - 533
 B-601, Sunterrace, Ratnaraj Lane, RCC
 Canal Road, Vesu, Surat - 395007,
 Gujarat



Shri Gaurav Singh Kiledar
2019 - 534
RSK Construction
Link Road, Sadar, Betul
Madhya Pradesh – 460001



Shri Pratik A. Mistry
2019 - 535
AMA, Shobhan House No.-2, Omkar
Resi. Limbudiwadi Main Road,
Rajkot - 360007, Gujarat



Pramit Sarkar
2019 - 536
E-799, CR Park, New Delhi - 110019



Divya Varghese
2019 - 537
KP II/47, Kurumuttathu, Karakulam P.O.,
Vazhayila, Trivandrum – 695564, Kerala



Mahendra Kumar Indukuri
2019 - 538
202, Sai Kiran Residency, H. No. 8-3-
167/D/42, Kalyan Nagar – 1,
Hyderabad - 500018



Amitha Tulasi Das
2019 - 539
D.No. 10-5-34 / 502, KVM Raaga
Apartment, Flat No. 502, 5th Floor Masab
Tank, Hyderabad Andhra Pradesh - 500004



Rohit Singh R
2019 - 540
#4676, 3rd Cross, Shivaji Road, NR
Mohalla, Mysore - 570007



Prasad Sonaba Gaikwad
2019 - 541
A3, 702, Aranyeshwar Park Phase
-II, Sahkar Nagar, Pune – 411 009,
Maharashtra



Samuel Kezia Amrutala
2019 - 542
LIG, L2 Block, 106, Chitrapuri Colony,
Khajaguda, Telangana – 500 089



Harmeet Kaur
2019 - 543
C-9, Gurunanak Dev University,
Amritsar Punjab 143001



Shivani Agarwal
2019 - 544
C/O Shri R. C. Agarwal
C-1092, Indira Nagar, Lucknow,
U. P - 226016



Harshikalshwar Balchandani
2019 - 545
2,3, Swati Society, Opp. Praful Society
St. Xaviers School Road Ishwar Bhuvan,
Ahmedabad – 380015, Gujarat



Shweta Arun Patil
2019 - 546
C/O Vibhavari Chaudhari, New Ajanta
Avenue Building, A1 wing, Flat 11,
Kothrud, Paud Road, Pune, 411038,
Maharashtra



Bhabani Shankar SA
2019 - 547
At / PO – Rangadhipa
P.O. – Sundargarh
Distt. Sundargarh – 770002, Odisha



Jaskirat Kaur
2019 - 548
C-2128, Ranjit Avenue,
Amritsar - 143001, Punjab



Sudhir Dadasaheb Waghmare
2019 - 549
Annapurna C.H.S. E/3/13, Sector – 48
Seawoods, Nerul (W)
Navi Mumbai – 400 706



Devender Rao Raja Shivagani
2019 - 550
#413 Ground Floor, Office Complex
Road No. 22 Dead End, Jubilee Hills,
Hyderabad - 500033



C. Latha
2019 - 551
20, Sri Vari Gardens, 644 VKK Menon
Road, New Siddhapudur, Coimbatore,
Tamil Naidu - 641044



Vitasta Raina
2019 - 552
1652, Lane 3, Bhramputra Apartment,
Sector 29, Noida (UP) - 201301



Sonali Bharat Patil
2019 - 553
'Sahyadri' Apartment Plot No. 67, Flat
No. 2, Bhusari Colony,
Kothrud, Pune – 411038, Maharashtra

PRESIDENT ITPI AND COUNCIL MEMBER FELICITATED

The Regional Engineering Colleges (RECs) were established by the central government to mimic I.I.T.s at a regional level and act as benchmarks for other colleges in the state. For the Western Region, in the year 1960, the institute was established under the name Visvesvaraya Regional College of Engineering (V.R.C.E.). The college was started in June 1960 by amalgamating the State Government Engineering College functioning at Nagpur since July 1956 after the name of eminent engineer, planner and statesman of the country Sir M. Visvesvaraya.

The Department of Architecture and Planning invited the distinguished alumni from architecture and planning, specifically CoA and ITPI for interactions on 28 January 2020 at V.N.I.T. Campus, Nagpur. The distinguished alumni from planning comprises of Prof. Dr. D. S. Meshram, President, ITPI and Shri Sujit Rodge, Council Member, ITPI and from architecture discipline Shri Habib Khan, President, CoA; Prof. Abhay Purohit, Council Member CoA, and Shri Sunil Digwekar, Treasures, I.I.A.

Prof. Dr. P. M. Padole, Director V.N.I.T., Nagpur while felicitating Prof. Dr. D. S. Meshram, President and Shri Sujit Rodge, Council Member, ITPI invited the Institute of Town Planners, India to be the part of celebrations of the Diamond Jubilee of V.N.I.T., Nagpur and was happy to note that both President, ITPI and President CoA being the alumni of V.N.I.T., Nagpur.

Prof. Dr. Vijay Kapse Head, Department of Architecture and Planning, V.N.I.T., Nagpur extended a vote of thanks on this occasion.

Continued from Page 24

Dr. D. S. Meshram, in his address mentioned that state of affairs of urban transport get aggravated by the ever increasing number of motor vehicles as compared to the availability of road space for their movement in the city. In addition to the availability of road space, the situation becomes much acute due to encroachments by pavement shops, pavement shelters, hawkers, parking of vehicles, and hoardings on the road, as the effective width of the road get reduced. Besides, the composition of traffic in our towns and cities is of mixed nature, comprising two, three, four wheelers motorised vehicles, which become more acute with mixing of animal driven vehicles and human powered vehicles. Besides, human beings is also move on roads in the absence



Prof. Dr. D. S. Meshram, President, ITPI, being felicitated by Prof. Dr. P. M. Padole, Director VNIT, Nagpur; Prof. Dr. Vijay Kapse, Head Department of Architecture and Planning, VNIT is seen in background



Shri Sujit Rodge, Council Member, ITPI, being felicitated by Prof. Dr. P. M. Padole, Director VNIT, Nagpur; Prof. Dr. Vijay Kapse, Head Department of Architecture and Planning, VNIT is seen in background

of foot paths which get encroached by hawkers. Thus, a better alternative is mass transportation.

Dr. D. S. Meshram, further advocated the use of non-motorized transport (NMT), which is quite safe, as it mainly includes walking, cycling and cycle-rickshaws which are not only environment friendly but users friendly, infact it is the green mode of transport as their carbon foot print is low, energy consumption is minimal. As it is not using fossil fuel it is less expensive also, as compared to automobiles. And called on planners community to provide for these modes in their plans.

The a vote of thanks was extended by Prof. Dr. Pankaj Bahadure, Secretary, MRC (N).



Institute of Town Planners, India



Prof. Dr. Sewa Ram, delivering the Talk

MAHARASHTRA REGIONAL CHAPTER, NAGPUR: Lecture Series-VII 'Environment Friendly Safe Mobility'



MRC (N) Lecture Series - VII 'Environment Friendly Safe Mobility' is in progress. Present on the dais are Prof. Dr. D. S. Meshram, President, ITPI on his left Prof. Dr. Sewa Ram, Professor SPA Delhi, and Shri Jagdish Rajurkar, Treasurer, MRC (N); on his right Shri Sujit Rodge, Chairman, MRC (N) and Prof. Dr. Pankaj Bahadure, Secretary MRC (N)

Shri Sujit Rodge, Chairman, MRC (N) while introducing the speaker mentioned that Prof. Dr. Sewa Ram, is a versatile speaker and is a professor in the Department of Transport Planning, School of Planning Architecture, New Delhi, who has been specifically invited to deliver a talk on the theme 'Environment Friendly Safe Mobility as a key to Achieving Sustainable Development Goals'.

Prof. Dr. Sewa Ram, in his presentation, emphasized that safety should be made the first priority, while planning and designing of traffic and transportation systems for any town. Through his presentation Dr. Sewa Ram, highlighted various aspects of traffic and transportation and elaborated safety aspects to be adopted during planning of cities. He advocated that non-motorized modes i.e. bicycle and rickshaws are better options for short trips in order to achieve sustainable development because they are not only environment friendly but also friendly to users.

Dr. Sewa Ram, also pointed out that congestion creates delay and delays create pollution. Everybody must have noticed that when the traffic moves with snails speed due to congestion, vehicles release extra

carbon dioxide which pollutes the environment. Every vehicle moving at less than 15 km per hour speed creates more pollution. People suggest that we should move to hybrid or electric vehicles in order to reduce pollution. He lamented that 82 percent of buyers of hybrid and electric vehicles already have one extra vehicle with them. Thus, this venture adds in the tally of number of vehicles. He therefore, advocated to use solar energy driven vehicles. He noted that movement traffic increases on the road, the speed decreases. In India 16 – 62 percent of the trips are by mass transport, 15 – 9 percent by bicycles and 37 – 28 percent are made by walk. While providing dedicated lanes for buses, cars, and two vehicles, planners need to be cautious as dedicated lanes for automobile vehicles tempts drivers to increase speed, which may lead to accidents. General tendency in India, is that if accident takes place, the authority provides sign boards, if again accidents take place then authorities provide speed barkers. But this is not an alternative to improving geometry of roads. What is required is changing the mind-set of the people. He was also of the opinion that safety on roads is very much related to visibility.

Continued on Page 23