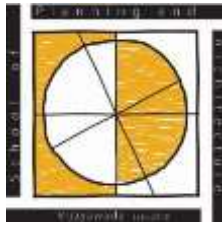


# School of Planning and Architecture Vijayawada

(An Institute of National Importance, MoE, Govt. of India)

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**Department of Architecture**

Report Submission

**Research Paper Titled:** “Urban underground spaces and property rights a global perspective and lessons for developing countries like India for planning sustainable compact cities”

**Presented in:** The 18th Annual International on Planning, Law, And Property Rights Conference PLPR 2024

**Organized by:** Technical University of Munich, Germany



**Presented by:** Jayeshkumar Maheshkumar Bhagwat  
Assistant Professor, Department of Planning

## Acknowledgement

I want to convey my thankfulness to the Institute and Ar. Dr. Amogh Kumar Gupta, Honourable Chairperson, Board of Governors - SPA Vijayawada, and Prof. Dr. Ramesh Srikonda, Honourable Director, SPA Vijayawada for allowing me to attend the 18th Annual International on Planning, Law and Property Rights Conference PLPR 2024 held during 18th – 22nd March, 2024 at Munich. The exposure, experience, and knowledge I gained during my participation and presentation will be very valuable components for my future academic and research career development.

Yours Sincerely,

Jayeshkumar Maheshkumar Bhagwat

## **The Report:**

The Technical University of Munich, Germany has conducted the Annual International on Planning, Law and Property Rights Conference PLPR 2024 on 18<sup>th</sup> – 22<sup>nd</sup> March, 2024 at Munich.

The 18th Annual International Planning, Law and Property Rights Conference (PLPR 2024) was held in Munich, Germany from March 18th to 22nd, 2024. Hosted by the Technical University of Munich's Chair of Land Management, the conference provided a platform for academics, researchers, and practitioners to discuss topics at the intersection of planning, law, and property rights.

**Jayeshkumar Maheshkumar Bhagwat has presented a paper titled “Urban underground spaces and property rights a global perspective and lessons for developing countries like India for planning sustainable compact cities” on 21<sup>th</sup> March, 2024 in the PLPR 2024 Conference.** The paper explores the evolution of property rights in urban underground spaces, with a focus on India amidst global urbanization challenges. It emphasizes the dynamic transformation of land ownership due to economic, social, and technological shifts. The growing demand for land, driven by escalating urban populations, has led to the recognition of underground areas as vital for various urban functions. The study underscores the need for comprehensive legislation to define property rights, land use regulations, and environmental safeguards for these spaces. Collaboration among government bodies, developers, and environmental experts is deemed crucial. The paper also highlights the expanding significance of underground spaces, emphasizing the necessity for ongoing technological innovation and public engagement. Ultimately, it advocates for resilient urban ecosystems and sustainable compact cities through effective regulation and utilization of underground potential.



With over 350 attendees, conference papers and several thematic sessions focused on a wide array of topics including value capture, developer obligations, ownership data, vertical densification, institutional analysis, and more.

Our annual conference on 18-22 of March, 2024, held a special PhD workshop in Munich, Germany. 21 PhD students from across the globe shared their knowledge and research and were mentored in small discussion groups by senior scholars from the PLPR community.

I wish to thank the Institute once again for the kind support.

Jai Hind!

Jayeshkumar Maheshkumar Bhagwat