

School of Planning and Architecture, Vijayawada



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

Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh

Department of Architecture

Report Submission

Research Paper Titled:

**“Santhal tribal houses evolving in context to their unique
sociocultural identity and prevailing climate.”**

Presented in ONLINE MODE from SPA,Vijayawada, at :

**INCORBE 24: International Conference on Rethinking Built
Environment**

(6-8 th March, 2024) (HYBRID MODE)

Organised by:

Department of Architecture & Planning, Mizoram University

Presented by:

Dr. Janmejy Gupta

Associate Professor,

Department of Architecture

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 present my paper in ONLINE mode on 7th March, 2024 at the afore mentioned International Conference. The exposure, experience, and knowledge I gained during my presentation would be helpful for me.

Dr. Janmejy Gupta

The Report:

At The Department of Architecture & Planning, Mizoram University in between 6-8 th March, 2024, the INCOBE 24: International Conference on Rethinking Built Environment was organized in HYBRID mode which led to a gathering of leading experts, professionals, academicians, and practitioners from the field Architecture and Planning. This event served as a platform for exchange of ideas and thoughts among diverse national as well as international architects, urban planners, researchers and policymakers to acquire new insights on latest technology being used, gather further knowledge on varied architectural topics, and insights regarding the latest developments in the fields of Built Environment and its evolution in context to Society, Human as well as Environmental Well Being, Technological advancements, and the pressing issues of need for evolving built environment in response to enhanced climate resilience.

Dr. Janmejoy Gupta has presented a paper titled “**Santhal tribal houses evolving in context to their unique socio-cultural identity and prevailing climate**”, presented in ONLINE MODE from SPA, Vijayawada, at 2;30 PM on 7th March 2024. (*Technical Session 3*)(*Theme A, Built Environment Context, Identity & Society*). The paper identified the lessons that can be learnt from study of the different types of Santhal Tribal house types in Jharkhand and Bengal and unearthing their architectural merits which is important for ensuring the upkeep of the cultural heritage, which is very unique for these tribal communities. The parameters covered in this qualitative assessment of Santhal tribal dwellings were Aesthetics (Tribal art on the walls of dwellings, etc), Inherent Climate-responsiveness in the architecture of these dwellings, Planning principles as well as spatial hierarchy followed, and indigenous Building materials and techniques used.

Earlier, on the same day Dr Gupta, was online session chair for one more session (11:45 AM-12:45 PM) (Theme C: Built Environment & Technological Advancement) in which other presenters presented papers on topics like enhancing Indoor Environment Quality in Hospitals through proper HVAC system design, Evolution and increased role of Artificial Intelligence in Architecture, parametric form finding for enhanced energy efficiency in built form, etc.

The conference featured inspiring keynote speeches by renowned national and international experts incl. Prof Pratyush Shankar, Prof Dr Ramesh Srikonda (Director,

SPA, Vijayawada), Ar Rafiq Azam, and others covering diverse topics related to the themes of the conference.

Certificate of Participation



Certificate of Session Chair in Online Mode



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

Dr. Janmejoy Gupta,
Associate Professor, Department of Architecture, SPA, Vijayawada.