



BEST PRACTICES

Department: Faculty of Architecture

Ref. No. – BP/IMP

Title of the Practice			
Architecture of Assembly – Design Competition			
Objective of the Practice			
To promote sustainable, modular, and scalable strategies for industrialized high-rise construction, encouraging students to rethink urban development through prefabricated systems.			
The Context (Issues that need to be addressed in implementing this practice)			
Internal / External	Issue Description	Risk (Impact of the Issue)	Actions taken to Mitigate the Risk
Internal	Integration of modular systems into design workflow	Reduced feasibility and innovation limitations	Workshops and expert mentor sessions
Internal	Managing time and project complexity	Delayed submissions, quality compromise	Structured milestones and reviews
External	Industry-academia collaboration	Misalignment in expectations and outcomes	Frequent interactions with industry partners
Description of the Practice (Uniqueness / Constraints / Limitations)			
This competition encouraged architectural students to approach urban housing through the lens of prefabrication and industrialized processes. It emphasized replicable solutions for dense cities, integrating sustainability and innovation. Unique aspects included real-world constraints, mentor guidance, and industry feedback, all of which helped bridge the gap between academic design and practical feasibility.			
Problems encountered and Resources required			
Challenges Faced: <ul style="list-style-type: none">- Balancing creativity with technical constraints- Coordinating large teams and managing modular detailing- Limited exposure to prefabrication methods			

Resources Required:

- Design software and parametric tools
- Expert mentorship from industry professionals
- Access to prefabricated construction examples and case studies

Notes (Optional)

Five outstanding student proposals were shortlisted for their originality and technical clarity, showcasing the transformative potential of industrialized architecture in shaping future urban living. All participating students were awarded Certificates of Excellence and Participation, recognizing their dedication and achievement in the field of industrialized architecture.

Project Coordinator Sign

HoD Sign