

Architecture Essay Competition

BUILDING CONSTRUCTION

TECHNIQUES

FIRST EDITION - 2023

REGISTER NOW!!

@architecture_competitions_

ARCHIOL - ARTUMINATE

INTERNATIONAL ESSAY COMPETITION

BUILDING CONSTRUCTION TECHNIQUES

2023

JUL - DEC
2023

"Each new situation requires a new architecture."

- Jean Nouvel

Introduction

Archiol Competitions has organized this first edition of the Building Construction Techniques essay competition to understand the various building construction techniques in architecture.

The field of architecture constantly evolves to meet the ever-changing demands of society. In recent years, new construction techniques have emerged that challenge traditional practices and offer innovative solutions to enhance sustainability, efficiency, and aesthetics in building design. The Archiol Essay Competition invites architects, designers, and enthusiasts to explore and share their insights on the exciting world of innovative building construction techniques. This brief aims to provide an overview of the competition, including its objectives, scope, and key areas of focus.

The Archiol Essay Competition presents an exciting opportunity for participants to explore and contribute to the discourse surrounding innovative building construction techniques. Through thoughtful analysis and research, participants can shed light on the transformative potential of these techniques and inspire future advancements in the field of architecture. By sharing knowledge and ideas, the competition aims to shape a sustainable, efficient, and aesthetically pleasing built environment for generations to come.

Objective

The Archiol Essay Competition aims to foster a deeper understanding and appreciation for the transformative potential of innovative building construction techniques. It seeks to encourage participants to explore and analyze emerging trends, technologies, and materials that are reshaping the field of architecture. The competition invites participants to delve into the practical applications and theoretical implications of these techniques and their impact on the built environment.

Competition Scope

Participants are encouraged to choose one or more innovative building construction techniques and examine them in depth. The competition welcomes essays that explore various aspects of these techniques, such as their historical development, current applications, advantages and limitations, environmental implications, and potential future developments. Participants are encouraged to support their arguments with case studies, research findings, and real-world examples to enhance the credibility of their analysis.

Key Areas of Focus

1. **Sustainable Construction:** Explore techniques that promote environmentally friendly practices, energy efficiency, and the use of renewable materials. Discuss the integration of green technologies, such as solar panels, rainwater harvesting systems, and smart building management systems.
2. **Prefabrication and Modular Construction:** Examine the advantages of prefabricated and modular building techniques in terms of speed, cost-effectiveness, quality control, and adaptability. Discuss notable examples of successful projects and the potential for mass customization.
3. **3D Printing in Construction:** Investigate the use of 3D printing technology in the construction industry. Analyze its potential for creating complex architectural forms, reducing waste, and enabling on-site construction with minimal labor requirements.
4. **High-performance Building Envelopes:** Explore advanced techniques for designing energy-efficient building envelopes that optimize insulation, ventilation, and natural lighting. Discuss the integration of smart materials, such as phase-change materials and dynamic glazing, to enhance thermal performance and occupant comfort.
5. **Sustainable Materials and Recycling:** Examine innovative materials and construction techniques that utilize recycled or upcycled materials. Discuss their environmental benefits, durability, and aesthetic potential. Analyze case studies of projects that have successfully implemented these materials.

Participation:

- This competition is open to all.
- You can participate individually or as a team (Maximum 4 members in a team)

Submission Requirements:

- Presentation Boards (1) – jpeg. / jpg. format. (30x30cm – individual board size)
- Essay with a title (Min. 1000 words – max 2600 words) – docx. / docs. Format

Submission Guidelines

Email your submission to the details mentioned below:

- Email address: submit@archiol.com
- Email Subject: BC2023_your code

Timeline:

Registration deadline: **31st December 2023**

Submission Starts: **22nd December 2023**

Submission Ends: **10th January 2024**

Result Announcemen2: **28th March 2024**

**All deadlines are 11:59 PM UTC (Coordinated Universal Time)*

Feess:

This competition is free for all the participants

Prizes:

Winners (X3): Certificate of achievement + Publication + Interviews

Honourable mentions (X5): Certificates + Publication

Shortlisted entries (X30): Certificates

**All the certificates will be attested and e-format.*

Registration:

Visit our website: www.archiol.org

Click the competition banner:

Competition Link – <https://www.archiol.org/competitions/building-construction-2023>

Organisers:

Archiol – www.archiol.org



Contact:

Doubts /Queries related to the competition: contact@archiol.org

Request online chat support for queries: DM (Instagram) @archi_ol (Team will redirect you to the chat support)

FAQ's:s

Do the presentation boards have to contain our participation code for identification?

A: No, only the files need to be named with the participation code.

How to submit the competition entry?

A: Follow the submission guidelines mentioned in the brief, which are as follows:

Email address: submit@archiol.com

Email Subject: As mentioned in the guidelines

I forgot my participation code, where can I find my participation code?

A: Email your query to contact@archiol.org in the format mentioned below:

- Email Subject: Participation Code Query – Competition Name
- Email Body:
- Competition Name:
- First name followed by last name:
- Email id:
- Country:
- Phone number:
- Date of registration:

Submission format

All submissions should be digital:

- Text submissions and illustration notes, must be submitted digitally in .doc format.
- Image must be submitted in .jpeg format

Media Partners:

