



Indian Concrete Institute
Chennai Centre

ICI (CC) - UltraTech Awards 2023 Innovative Concrete Structure



- The structure must be located in ICI-CC region (Chennai, Chengalpet, Kancheepuram, Ranipet, Tirupattur, Thiruvannamalai, Thiruvallur, and Vellore).
- It must not be in operation/occupation for more than past 3 years.
- It must have been built using concrete as one of the prime construction materials.
- The structure must have outstanding features either in design (both structural and architectural), or innovative construction methods or special concrete materials or all the above.

| | |
|--|---|
| Buildings Category <input type="radio"/> | Infrastructure Category <input type="radio"/> |
|--|---|

(✓Tick the appropriate box)

DETAILS REQUIRED:

Name of the **Project** and its location.

| | |
|----------|----------|
| | |
| Landmark | PIN code |

Please provide the details of people/companies involved in the project.

| | | | | |
|--|-----------|--|--------|--|
| Owner(s) | Name | | | |
| | Address | | | |
| | Phone No. | | E-mail | |
| Structural Consultant(s) or Engineer(s) or Firm | Name | | | |
| | Address | | | |
| | Phone No. | | E-mail | |
| Architect(s) or Individual(s) or Firm | Name | | | |
| | Address | | | |
| | Phone No. | | E-mail | |
| Contractor(s) or Individual(s) or Firm | Name | | | |
| | Address | | | |
| | Phone No. | | E-mail | |

DETAILS OF ANNEXURES REQUIRED

| Design detailing and construction methods | | | |
|--|---|---|---|
| Annexure – A | Details of architectural / structural Design | Details regarding materials used in the structure | Construction methods including challenges faced during construction |
| Sustainability in construction | | | |
| Annexure – B | The provision of rainwater harvesting, solar, water recycling, etc. | Green concepts in design and execution | Certificates obtained for any of the sustainability /green concepts |
| Economics and safety in construction | | | |
| Annexure – C | Details regarding cost and completion time | Details on safety practices adopted | Declarations |
| Annexure – D | A brief write-up on “Why should the structure be selected for the award.” | | |

Annexure – A (Design Detailing and Construction Methods)

Details of architectural / structural Design

- Details of architectural / structural design
- Enclose important drawing especially the special features adopted.
 - Clearly mention about the number of floors below ground, type of foundation adopted, pre-stressing or post tensioning is adopted.
- Provide photographs of various stages of construction.

Details regarding materials used in the structure

Provide details of concrete used in the structure

- Mixture proportions
- Volume of concrete
- Details of special concrete, if used
- Where mix proportion was done, externally or internal lab. Provide basic detail of the proportion

Construction methods (provide details and photos)

- Details of construction method adopted
- Automation in construction, if used
- Alternative construction methods
- Water proofing methods
- Challenges faced

Annexure – B (Alternative Materials – efforts towards sustainable construction)

Sustainability in Construction

Please provide the provision of:

- Rainwater harvesting, solar energy, water recycling
- Any recycled material used

Please details of Green Construction Design/construction practice provide photographs and a small write up about the concept.

Was Green concept used in the building? : Yes No

Has the project been registered for LEED / GRIHA¹ / IGBC² certification : Yes No

¹ India’s national rating system for green buildings – Green Rating for Integrated Habitat Assessment.

² Indian Green Building Council (Part of CII)

Provide copies of certificates (if obtained) for any of the sustainability /green concepts.

Annexure – C (Economics and safety in Construction)

Timeline of the project

- Date of commencement of Construction :
- Date of completion of building :
- Final Project cost (in Crores Rs.) :
- Estimated cost (in Crores Rs.) :
- Reasons for significant variation :

Provide Details Regarding Safety Practices Adopted:

- Safety measures adopted, if any.
 - During excavation
 - Formwork and scaffolding
 - Working at heights
- Safety briefing frequency and Training provided at this particular site.
- Safety of labor in construction work.
- Details of accidents, if any

Declaration & copies of statutory certificates/receipts

- Statutory certificates like the approval for construction/occupancy /tax paid receipt for the building etc.
- The sample test certificates for the 3rd party tests regarding QA & QC
- LEED/GRIHA/IGBC, if applicable
- Certificate for planned designed water harvesting or solar energy harvesting
- Any other certificates relevant to this application

Annexure – D

- Please give a brief write up (about 500 words), why do you feel that your building deserves this Outstanding Concrete Structure Award.

DECLARATION

I/we----- hereby submit the details of project as mentioned above for consideration for the ICI-UltraTech award for **Innovative Concrete Structure**.

I/we -----hereby state that, the above-mentioned information is true and correct to the best of my knowledge and correct. If any information given in this application is untrue or incorrect, the organizers would be within its rights to withdraw my application and that I would have no claim whatsoever against the organizers for such withdrawal.

| | | |
|-------|--|---|
| Date | | Name & signature of the person proposing the nomination |
| Place | | Relation of the proposer with the project |

| | |
|--|-----|
| Last date for submission of the duly completed nomination form | TBA |
|--|-----|

Please send this form (duly filled and signed) with annexures as one file (*label: ICS_2023_Lastname*) to icichennaicentre@gmail.com on or before the last date. Please visit <https://icichennai.org/> for more details.