## Award Winning ICI (BC) - Birla Super Awards for **Out Standing Concrete Structures of Karnataka**



) 16 - R-2 Phase I & UD S-2 **B'lore Metro Proje** 



15-Brigade Exotica 2015 - Two Level Grade Ser



2014 - VBHC



nfosys Campus, Mysore





2002 - Leela Palace, Bangalore



2013 - B'lore-Mysore Infrastructure Corridor Project



Bangalore



Bellary

2001 - Infosys Park II, Bangalore





Relgaun



2008 - UB City, Bangalore



004 - Waste Water Treatement Plant, Mylasandra, Bangalore



2007 - Beary's Lake Side Habit

2003 - Cable-stayed bridge at K. R. Puram, Bangalore



2000 - South City



#### ICI (Bangalore Centre, Karnataka) - UltraTech Endowment Awards :

- concrete & concrete structures in (one or more of ) the following area:
- a. Concrete material technology
- b. Analysis, design & construction of concrete structures
- c. Research in the area of concrete technology
- d. Training, dissemination of knowledge & contribution to professional organisations in related area.

II. Young Engineer of Karnataka - 2017: Significant achievement in the area of concrete (research/ application) and / or construction, age not exceeding 40 years.

#### ICI (Bangalore Centre, Karnataka) - Birla Super Endowment Award :

Outstanding Concrete Structure of Karnataka - 2017: There are two categories of awards for structures:

- (i) Building Category
- (ii) Infrastructure Category

#### Criteria include the following:

- a. The structure should be in the State of Karnataka, built within 3 years as on Oct. 2017. It should be predominantly a concrete structure.
- b. It should have outstanding features in either (or all) of the following:
  - Innovative use of concrete / special concrete
  - Innovative analysis / design (structural/ architectural)
  - Innovative methods used in the construction (including mechanization, form work etc.)
  - Quality control measures
- c. The Structure should be complete in all respects and shall be ready for use.

#### **Outstanding Student Chapter :**

- \* The College should be located in Karnataka.
- \* Should have conducted Technical activities / seminars related to field of Concrete in the banner of ICI (BC) - Student Chapter.
- \* Should be an active student chapter as per the record of ICI (BC).



2011 - World Trade Cent

014 - R3 Phase

<u>B'lore Metro Proj</u>

# **AWARDS 2017**

I. Outstanding Concrete Engineer of Karnataka - 2017: Significant contributions in the area of

#### **Outstanding Thesis : Masters / Doctoral**

- \* The student should have been awarded the relevant degree (Masters / Doctoral).
- \* Thesis should have been submitted and adopted during the period 2014 2017.
- \* The submitted thesis should be in the field of Concrete.
- \* The institution should certify the originality of the thesis.
- \* The application can also come from college not having ICI student chapter.

#### ICI (BC) - UltraTech "Well Built Residential Awards for Districts ":

#### (Bangalore urban, Ramanagara, Bangalore Rural, Tumkur, Chikkaballapura & Kolar)

- \* The awards are open for structure completed by 2015 onwards.
- \* Structure shall be constructed with concrete as a predominant material.
- \* Good quality control measures adopted, Design & Construction should be mentioned explicitly.
- \* Innovative use of concrete & construction practice should be mentioned.
- Drawings, Design, Photographs of construction various stages in soft format and hard format to be enclosed.
- \* Construction should have been completed and the structure should be functional & in use.
- \* Nominations can be submitted by Builders, Consultants, Architects, Engineers, Contractors and Owners.
- \* Copy of the latest sanctioned plan should be attached.
- \* Copy of the house tax receipt paid for the year 2016-17 should be attached.
- \* Clearly mentioning the category on the cover of the application.
- \* Submit separate application for Separate Award Category & each project.

#### **Important Dates :**

- \* Last date for receipt of nominations: 10<sup>th</sup> September 2017
- \* Concrete Day & Awards Night: 5<sup>th</sup> October 2017

Nominations in hard & soft format to be sent to: icikbc@gmail.com

**Note :** Please provide all information requested in the application form. **Contact :** ICI (BC) office for additional information: 080 - 22224803 Nominations should be sent in the enclosed format for the respective awards. Please refer nomination form for details. Decision of the Awards Committee of ICI (BC) shall be final.

Chairman (BC) Er. Ravishankar . M Indian Concrete Institute No.2, UVCE Alumni Association Building, OR Dr. B.R. Ambedkar Veedhi, K.R. Circle, Bangalore - 560 001 E-mail: icikbc@gmail.com Ph: 98456 97663

Regional Head (Tech.), Er. Nagesh Puttaswamy UltraTech Cement Ltd. No.45, 5th Floor, Industry House, Race Course Road, Bangalore - 560 001 E-mail: nagesh.p@adityabirla.com Ph: 97437 95300

## **Recipients of ICI (BC)** UltraTech Award for Outstanding Concrete Engineer of Karnataka



2005

Mr. M.N. Ramesh 2014





Mr. M. Naravana

2003 Dr. C.S. Viswanatha Dr. N. Krishna Raju 2004 2002 Mr. R.D. John Mr. R. Sundaram Dr. Prakash Desayi

## **Recipients of ICI (BC)** UltraTech Award for Young Engineer of Karnataka



#### Er. Ragavendra. Y.B



Er. Rathnakara Reddy. K.B



#### Er. Karthik Janakiram



2000





## **About Indian Concrete Institute (ICI)**

Indian Concrete Institute, founded in 7th September, 1982, is the premier professional body for concrete technologists, with captains of industry, cement manufacturers, leading consultants, academicians, educational institutions and research scientists as active members. ICI has more than 12000 members attached to 38 centers spread all over the country. Of these, more than 285 are Organizational Members. All segments of cement and concrete industries are widely represented in the membership.

ICI encourages student participation and has 187 student chapters with over 13000 student members.

The major objectives are: spread of good construction practices amongst engineers and trade organisations, conduct conferences, workshops, seminars and training programs periodically.

ICI has international collaborations with Asian Concrete Federation, Singapore Concrete Institute, Concrete Institute of Australia, etc. ICI publishes a quarterly journal containing peer-reviewed technical papers, and gives awards for various achievements every year during its Annual Meetings / Concrete **Day Celebrations** 

## **CONCRETE DAY & CONSTRUCTION EXCELLENCE AWARDS 2017**









### About **UltraTech Cement Limited**

UltraTech Cement Ltd. is the largest manufacturer of grey cement, Ready Mix Concrete (RMC) and white cement in India. It is also one of the leading cement producers globally. UltraTech as a brand embodies 'strength', 'reliability' and 'innovation'.

The company has an installed capacity of 93 Million Tonnes Per Annum (MTPA) of grey cement. UltraTech Cement has 18 integrated plants, 1 clinkerisation plant, 25 grinding units and 7 bulk terminals. Its operations span across India, UAE, Bahrain, Bangladesh and Sri Lanka. UltraTech Cement is also India's largest exporter of cement reaching out to meet the demand in countries around the Indian Ocean and the Middle East.

With 100+ Ready Mix Concrete (RMC) plants in 35 cities, UltraTech is the largest manufacturer of concrete in India. It also has a slew of speciality concretes that meet specific needs of discerning customers.

With its significant presence in grey and white cement, concrete, building products and building solutions, UltraTech is a one-stop shop for all primary construction needs. Its meteoric rise as the largest cement brand in India reflects the organisation's focus on cutting edge technology, research and technical services.





## **INDIAN CONCRETE INSTITUTE**

## **BANGALORE CENTRE, KARNATAKA**

# 2, UVCE, Alumni Association Building, Dr. B R Ambedkar Veedhi, K. R. Circle, Bangalore - 560 001.Ph : 080 - 22334803 E-Mail : <u>icikbc@gmail.com</u> Web : www.icikbc.org

## Call for Nominations

CONCRETE DAY & CONSTRUCTION EXCELLENCE **AWARDS 2017** 





### ICI - UltraTech Award 2017 Outstanding Concrete Engineer 2017



Please provide all relevant details in the same order. Provide Dates in DD/MM/YYYY format. Please write names of person and places in Capital letters so that we will not have any problems in writing same for certificates etc., Please use annexure sheets wherever required – indicate the same in respective column

Affix a passport photo of the person being nominated

#### Provide details about person being nominated for the award.

Name				Date of Birth:
(please use Capital letters)				
Address of the Nominee With PIN Code				
	Phone / Mobile			Email ID
<b>Contact Details:</b> Please give details where the person can be contacted immediately	Mobile			
	STD Code:			
	Phone No:			
Membership of any professional bodie	s. (ICI, ACCE (I), IRC	, or equivalent from acro	ss the globe.	
1.		3.		
2.		4.		
3.		5		

#### Provide details about the person who is proposing the name.

Name and address of the Proposer		
<b>Contact Details:</b> Please give details where the person can contacted immediately	Phone / Mobile Mobile STD Code: Phone No:	Email ID
ICI membership Number		

#### Provide Educational information. (Use additional sheets if required Annexure 1)

Professional Details / Contributions of the Nominee				
Educational	BE/B.Tech	ME/MS/	Ph.D	Any other
Qualification		M.Tech		Deg. / Diploma
Year				
University				
Class / Percentage				

#### Provide information on professional experience and achievements. (Use additional sheets if required Annexure 2)

Relevant Experience	Designation	Organization	Experience (years)	Annexure No. in whic contributions highlighted	h significant
Analysis/ Design					
Construction					
R & D					
Teaching					
Maintenance					

Dissemination of knowledge / contributions to professional organizations:

(Use additional sheets if required Annexure 2, kindly arrange the documents in same order as it is asked for or being presented.)

Person being nominated is from Industry, Please quote his/her contribution to academic field as research or otherwise.	Person being nominated is from Academia, please quote his/her contribution to the practical / Industry.			
Achievement of the nominated person in other fields training, art & culture, Organizing skills etc.,				
Achievement /contribution in the field of Social & com	nunity service – especially contribution as a Civil			
Engineer/Concrete Technologist				

It is requested to provide photographs of the nominee's achievements and unique works done preferably on a CD. If there are, any video clippings from his/her worksites can also be included. This would be necessary for presenting the application before jury.

Dissemination of knowledge / contributions to professional organizations:

Number of Papers/Book / Articles <b>published</b> , if any (enclose Annexures if	National / International Journal	Books	National / International Conference	Construction related Publications
required)				
Significant Contributions	1			
to Concrete Engineering,	2			
(details of contribution in	3			
Annexure for each	4			
contribution)	5			

Use additional pages if necessary in Annexure 2

#### Details of awards, recognition / publications/ patents received if any:

#### (Use additional sheets if required Annexure 3)

Awards and recognition (Details can be provided in Annexure )

Publications (mention important ones here the list can be provided in the Annexure)

Patents if any:

I hereby nominate \_\_\_\_\_\_\_for the ICI –UltraTech Award for Outstanding Concrete Engineer\_\_\_\_\_\_. I certify that the above information / date are true to the best of my knowledge.

Date:

(Name & Signature of the Proposer)

\* Soft copy of this nomination form will be sent on request mail to:

#### List of Enclosure:

Annexure 1 Educational achievements	Annexure 2 Professional achievements	Annexure 3 Professional achievements

Last date for submission of the duly	
completed nomination forms.	

#### The filled up complete nomination to be sent to

#### Address

Indian Concrete Institute	UltraTech Cement Ltd.,
Contac	t person
Mobile :	Mobile : Fmail :
Email :	

The Indian Concrete Institute is a professional organisation – working in the field of Concrete and Concrete Construction. ICI as known in short form the Indian Concrete Institute was formed on the 7<sup>th</sup> September 1982 with its headquarters in Chennai. The ICI now has about 11800 members all India with over 38 centres, 152 student Chapters – 10500 student members. The objective of ICI include

- 1. Promoting growth of concrete construction and is sub specialisation.
- 2. Disseminate information and train personnel by organising seminars/ conferences/ workshop/ Deminars/ Exhibitions on recent technologies and construction practices.
- 3. Training programs for fellow members /students and corporates.
- 4. Collaborate with national / international agencies.
- 5. Identify R & D problems of practical relevance.
- 6. To identify and recognise outstanding construction and outstanding performers in the field of Concrete Technology / Concrete Construction.

The ICI – UltraTech Award is the Program to recognise the structures that are built strong & durable. For more details about Indian Concrete Institute, please visit www.indianconcreteinstitute.org

#### A brief note about UltraTech Cement Ltd.,

UltraTech Cement Ltd. is the largest manufacturer of grey cement, Ready Mix Concrete (RMC) and white cement in India. It is also one of the leading cement producers globally. UltraTech Cement has UltraTech Cement has 12-Integrated plants, 1-Clinkerisation unit, 19-grinding units, 7-Bulk terminals, 1-White cement plant, 2-WallCare putty plants and more than 100-RMC plants – spanning India, UAE, Bahrain, Bangladesh and Sri Lanka. The company has an installed capacity of around 91 Million Tonnes Per Annum (MTPA) of grey cement. UltraTech as a brand embodies 'strength', 'reliability' and 'innovation'. Together, these attributes inspire engineers to stretch the limits of their imagination to create homes, buildings and structures that define the new India.

A majority of UltraTech's state-of-the-art manufacturing units are accredited with the highest quality standards and certifications such as ISO 9001 for quality systems, ISO 14001 for environmental management systems and OHSAS 18001 for occupational hazard and safety management systems.

UltraTech Cement has been selected as Superbrand and Powerbrand by the Superbrands Council and Powerbrand respectively.



Through its current communication, UltraTech also exhorts the nation's engineers and architects to **'Build Beautiful'**. Based on the belief that every structure needs to be as aesthetic as it is long lasting, the Build Beautiful campaign urges its audience to create structures that go beyond being just strong and durable.



## ICI - UltraTech Award 2017 Young Engineer 2017



- Please provide all relevant details in the same order.
- Provide Dates in DD/MM/YYYY format.
- Please write names of person and places in Capital letters so that we will not have any problems in writing same for certificates etc.,
- Please use annexure sheets wherever required indicate the same in respective column

Affix a passport photo of the person being nominated

#### Provide details about person being nominated for the award.

Name				Date of Birth:
(please use Capital letters)				
Address of the Nominee With Pin Code				
Contact Datails:	Phone / Mobile			Email ID
Please give details where the person	Mobile			
can be contacted immediately	STD Code:			
,	Phone No:			
Membership of any professional bo	odies. (ICI, ACCE (I),	IRC, or equivalent from a	cross the globe	
1.		3.		
2.		4.		
3.		5		

Provide details about the person who is proposing the name.

Name and address of the Proposer		
<b>Contact Details:</b> Please give details where the person can contacted immediately	Phone / Mobile Mobile STD Code: Phone No:	Email ID
ICI membership Number		

All entries to be substantiated with self-attested copies of the certificates and documents. Please do not attach the entire document of publication made. Make a comprehensive list in chronological order.

#### Provide Educational information. (Use additional sheets if required Annexure 1)

#### Professional Details / Contributions of the Nominee

Educational	BE/B.Tech	ME/MS/	Ph.D	Any other		
Qualification		M.Tech		Deg. / Diploma		
Year						
University						
Class / Percentage						

Provide information on professional experience and achievements. (Use additional sheets if required Annexure 2)

Field of profession				Annexure No. in which significant	
	Designation	Organization	Experience (years)	contributions highlighted	
Analysis/ Design					
Construction					
R & D					
Teaching					
Maintenance					

Dissemination of knowledge / contributions to professional organizations:

## (Use additional sheets if required Annexure 2, kindly arrange the documents in same order as it is asked for or being presented.)

No. of Papers/Book / Articles published, if any (enclose Appeyures if required)	National / International Journal	Books	National / International Conference	Construction related Publications
Amexares in requireuy				
Significant Contribu	1			
tions to Concrete	2			
Engineering, (details of	3			
contribution in Annexure	4			
for each contribution)	5			
Use additional pages if n	ecessary in Anne	exure 2		

Details of awards / publications/ recognitions received if any:

#### Any other information on the proposer feels as relevant in respect of the nominee for the award:

(Please use a separate sheet with this title)

I hereby nominate \_\_\_\_\_\_\_for the ICI –UltraTech Award for Young Engineer. I certify that the above information / date is true to the best of my knowledge. The age of the nominee is less than 40 years for nomination towards Young Engineer Award.

Date :

Г

 $\ensuremath{^*}$  Soft copy of this nomination form will be sent on request mail to :

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#### (Use additional sheets if required Annexure 3)

Awards and recognition (Details can be provided in Annexure )

Publications (mention important ones here the list can be provided in the Annexure)

Patents if any:

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- 6. To identify and recognise outstanding construction and outstanding performers in the field of Concrete Technology / Concrete Construction.

7. The ICI – UltraTech Award is the Program to recognise the structures that are built strong & durable.

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## ICI - UltraTech Award 2017 Out Standing Concrete Structure 2017



Buildings Category	и О	Infrastructure Category
	(√Tick th	e appropriate box)
DETAILS REQUIRED:		
Name of the <b>Project</b> ar	nd its location.	
Land Mark		Pincode
	ataila of nacala /aamaaniaa inval	
Please provide the do	etails of people/companies invol	vea in the project.
Owner (s)	Name	
	Address	
	Provide Pincode	
	Phone No	

Please provide the pin code number wherever address is to be given.

Phone No E-mail

E-mail

Name

Address

Provide Pincode

Consultant(s) Structural

consultants/engineers

Individuals or

Firm name to be provided.

Architect (s) Individuals or Firm name to be provided.	Name       Address       Provide Pin code
	Phone No
	E-mail
Contractors/Constructors	Name
Individuals or firm name to be provided.	Address Provide Pincode
	Phone No
	E-mail

To ensure that the Nomination is impressive and important aspects are communicated to the Honorable Jury members ensure all details are provided in right sequence and identified as below.

For a project if any details is not provided the corresponding annexure will be not be there but that does not mean the next annexure is not renamed. Eg.,

If an applicant does not provide Architectural / Structural design detail, the details regarding concrete will not become Annexure A but will remain Annexure B only. This will ensure uniformity in applications for comparison.

The following are the key titles for the documentations required – so that the comparison done easily.

Design Detailing and o	construction methods.			
Description of	Details of Architectural /	Details regarding Concrete	Construction Mothods	
structure (Tick the	Structural Design	used	construction Methods	
Annexures enclosed)	Annexure - A	Annexure - B	Annexure - C	
Practice adopted for b	petter execution of project			
	Details of investigation			
	done/ quality assessment	Materials used	Alternate Building Materials used	
la continentie e	of materials done			
investigation	Annexure - D	Annexure - E	Annexure - F	
nraiert in terms of	Technical Assistance taken			
(Tick the Appendix	(material testing 3rd party	Challenges faced during		
(Tick the Annexures	tests additional technical	construction- site condition-		
encioseu)	services form any agencies,	unforeseen challenges.		
	training of labor etc,)			
	Annexure - G	Annexure - H		
Alternate Materials –	efforts towards sustainable co	onstruction.		
Suctainability in	The provision of rainwater	Croop concents in design and	Cortificator obtained for any of the	
Sustainability III	harvesting, solar, water	differin concepts in design and	curtainability /groon concents	
construction –Green	recycling etc.,	execution	sustainability /green concepts	
concept.	Annexure - I	Annexure - J	Annexure – K	
Economics in construction costing – time – safety measures adopted.				
Economics	Details regarding Economy/	Details on safety practices	Declarations	
construction costing	Costing and Time	adopted		
& safety measures.	Annexure - L	Annexure - M	Annexure – N	
A write up – Why my	Structure should be selected f	or the award	Annexure – O	

#### **DETAILS OF ANNEXURES REQUIRED**

Annexure - A DESIGN DETAILING AND CONSTRUCTION METHODS.

(please use additional sheets)

#### Details of Architectural / Structural Design

- Details of Architectural / Structural Design. Architectural design concept & special analysis or design concept used in structural system
  - Please specify any constraints/challenges/client requirement at site.
- Please provide details/write-up on the concept of design of structure, both architectural and structural system.
- Enclose important drawing especially the special features adopted.
  - Various stages should be explained.
  - Clearly mention about the number of floors below ground, type of foundation adopted, pre-stressing or post tensioning is adopted.
- Provide photos of various stages of construction especially the special declared in the application. If soft copies are given kindly ensure all drawings shall be in PDF format only (Autocad or any other design software files are not accepted.)

#### Annexure - B

#### DETAILS REGARDING TYPES AND QUANTITY OF CONCRETE USED.

(please use additional sheets)

Was mix design carried out for the concrete mix?: Yes No

If Yes, Provide details.

• Where mix proportion was done, externally or internal lab. Provide basic detail of the proportion

#### (enclose copies of mix proportion calculation & results obtained.)

#### Type of concrete

	Type of Concrete	Site Mix Concrete	Ready Mix Concrete	Total Concrete Quantity (cu.m)
	Volume of Concrete (Cu. M)			
GIVE DET	AILS OF SPECIAL CONCRETE USED	, IF ANY		
•	Type of special concrete used:			
•	Quantity of special concrete (cu.n	n) (provide type and quan	tity used in a table:	
•	Grades of concrete used:			
•	Was any admixture (Mineral / Che	emical) used? :	Yes 🔿	Νο 🔾
	<ul> <li>If Yes provide details – v</li> </ul>	which chemical – purpose	and where it was used.	
•	Type of Cement used OPC / PPC			
•	If yes, give details (Enclose separate sheets, if required)			
•	Details of quality control for conc	rete		
•	Was workability and strength of c	oncrete tested periodical	ly? : Yes 🔿	Νο 🔾
•	If yes, give details (Enclose separa	ite sheets, if required):		
•	Was strength of concrete measure	ed periodically?	: Yes 🔿	Νο 🔿
-	If was sive dataile (analass same	المعاني منه الأسم معام ما		

- If yes, give details (enclose separate sheets, if required):
- Any other works done for improving quality? Please provide details like technical services obtained, training process adopted in that specific site.)

#### Annexure - C

#### CONSTRUCTION METHODS (PROVIDE DETAILS AND PHOTOS):

#### (please use additional sheets)

- Mechanization if adopted (Machine tools, equipment used)
- Automation if any used.
- Alternate construction methods used
- Challenges Faced
- Pest Control
- Water proofing methods
- Any other

#### Annexure – D

#### PRACTICE ADOPTED FOR BETTER EXECUTION OF PROJECT

#### (please use additional sheets)

#### DETAILS OF INVESTIGATION DONE/ QUALITY ASSESSMENT OF MATERIALS DONE

Please provide details

- Investigation done for getting inputs for the design / analysis.
- Soil investigation
- Water Test
- Tests done on the structure for assurance of the Quality
- Tests done on materials before they are used in the project.

#### Annexure - E

#### PROVIDE DETAILS OF MATERIALS USED IN THE PROJECT

Bricks/Concrete Block/Any Other.

Cement OPC/PPC/PSC

Site Mix Concrete/RMC

Any Admixture used at Site Concrete

#### Annexure - F

#### ALTERNATE MATERIALS USED

#### Please provide details on

- Concrete/Fly ash/AAC/other blocks used instead of bricks
- Special/Fly ash/Slag in concrete
- Ready to use materials like dry mix mortars for joining/plaster or surface treatment or Dry mix concrete.
- Concrete Frames for doors and windows
- Precast elements/Components used
- Any other

#### Annexure - G TECHNICAL ASSISTANCE TAKEN.

Please provide details on

- 3<sup>rd</sup> party assistance taken for QA & QC practice. ( please provide frequency copies of the test results)
- Additional technical services form material manufacturers like cement/steel/construction chemicals/
- Training for polishing skills labour at this site.
- Specialist consultation for Plumbing & Electrical work

#### Annexure – H

#### Challenges faced in the Project.

- 1. Challenges encountered because of site conditions, natural calamities.
- 2. Challenges faced for design both architectural and structural
- 3. Unforeseen challenges encountered during construction

#### Annexure – I

#### Alternate Materials – efforts towards sustainable construction.

PROVISIONS MADE FOR SUSTAINABILITY

Please provide the provision of

- rainwater harvesting/ground water recharging provisions methods consultancy taken etc.,
- Use of solar energy,
- water recycling etc.,
- Any recycled material used
- Any other

#### Annexure - J

Please details of Green Construction Design/construction practice provide	photographs	s and a small write up abou	t the concept.
Was Green concept used in the building?	:	Yes 🔿	No 🔿
Has the project been registered for LEED / GRIHA <sup>1</sup> / IGBC <sup>2</sup> certification	:	Yes 🔿	No 🔿
<sup>1</sup> India's national rating system for green buildings – Green Rating for Integrated Hal	bitat Assessme	ent.	

<sup>2</sup> Indian Green Building Council (Part of CII)

#### Annexure - K

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

#### Economics in construction costing - time - challenges faced - safety measures adopted.

#### Annexure - L

Time line 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	:

#### Annexure - M

PROVIDE DETAILS REGARDING SAFETY PRACTICES ADOPTED:

- Safety measures adopted, if any. (Enclose separate sheets, if required)
  - 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

#### Annexure – N

#### Declaration & copies of statutory certificates/reciepts

- Statutory certificates like the approval for construction/occupancy /tax paid receipt for the building etc.,
- The sample test certificates for the 3<sup>rd</sup> 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 – O (compulsory should be provided in a separate sheet with heading Annexure O)

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

#### DECLARATION

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   Arrange and title the hard prints in right way to be self-explanatory
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#### The filled up complete nomination to be sent to

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Indian Concrete Institute	UltraTech Cement Ltd.,
Contact	t person
Mobile :	Mobile :
Email :	Email :

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### ICI-UltraTech Build Beautiful Award for Homes



	State				
	District				
D	etails of owners & co	nsultants			
	Name of the Resider	nce /			
	Name of Owner				
	Address of nominate building	ed			
	(provide PIN code)				
				1	
			Taluk :	Dist :	
	Name of the Owner	(S)			
	Postal address for in	nmediate			
	Correspondence				
	(provide PIN code)				
				1	
			Phone/Mobile	E-mail:	
	Structural Consultan	t (If any)			
	Individual's or Firm na	me to be			
	provided				

	Phone/Mobile	E-mail:	
Architect / Planner (If any) Individual's or Firm name to be provided			
	Phone/Mobile	E-mail:	
Builder / Contractor / Developer Individual's or Firm name to be provided			
	Phone/Mobile	E-mail:	

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To ensure that the Nomination is impressive and important aspects are communicated to the Honorable Jury members ensure all details are provided in right sequence and identified as below.

The following are the key titles for the documentations required – so that the comparison done easily. This will ensure that the nominations are impressive and important aspects of the building is communicated to the Honorable Jury members efficiently.

For a project if any details is not provided the corresponding annexure will be not be there but that does not mean the next annexure is not renamed. Eg.,

If an applicant does not provide Architectural / Structural design detail, the details regarding concrete will not become **Annexure A** but will remain **Annexure B** only should not be named 'Annexure A'. This will ensure uniformity in applications for comparison.

Design Detailing and construction methods.						
Description of	Details of Architectural /	Details regarding types and	Special Construction Mathada if used			
structure (Tick the	Structural Design	quantity of concrete used.	special construction Methods II used.			
Annexures enclosed)	Annexure - A	Annexure - B	Annexure - C			
Practice adopted for b	petter execution of project					
	Details of investigation	Alternate Building Materials				
	done/ quality assessment	used (instead of conventional	Technical Assistance taken			
Investigation	of materials done	Materials)	<ul> <li>Material testing 3rd party tests</li> </ul>			
materials used etc	Annexure - D	Annexure - E	Additional technical services from any     agencies, material manufacturer			
project in terms of	Challenges faced during		Water/concrete testing service			
(Tick the Annexures	construction- site		<ul> <li>Training of labor etc,</li> </ul>			
enclosed)	condition-unforeseen		• Any other			
	challenges.					
	Annexure - G		Annexure - F			
Alternate Materials –	efforts towards sustainable co	onstruction.				
<u>Sustainability in</u>	The provision of rainwater	Green concents in design and	Cortificator obtained for any of the			
sustainability in	harvesting, solar, water	over ution	suctainability /groon concents			
construction – Green	recycling etc.,	execution	sustainability /green concepts			
concept.	Annexure - H	Annexure - I	Annexure – J			
Economics in construc	Economics in construction costing – time – safety measures adopted.					
Economics	Details regarding Economy/	Details on safety practices	Declaration (as provided)			
construction costing	Costing and Time	adopted	Tax receipt etc.,			
& safety measures.	Annexure - K	Annexure - L	Annexure – M			
A write up – Why my	Structure should be selected f	or the award	Annexure – N			

#### **ANNEXURES:**

#### DESIGN DETAILING AND CONSTRUCTION METHODS.

#### Annexure - A

(please use additional sheets)

#### Details of Architectural / Structural Design

- Details of Architectural / Structural Design. Architectural design concept & special analysis or design concept used in structural system (provide if available in hard copy or PDF format only)
  - Please specify any constraints/challenges/client requirement at site.
- Please provide details/write-up on the concept of design of structure, both architectural and structural system.
- Enclose important drawing especially the special features adopted.
  - Various stages should be explained.
  - o Clearly mention about the number of floors below ground, type of foundation adopted.
- Provide photos of various stages of construction especially the special declared in the application. If soft copies are given kindly

#### ensure all drawings shall be in PDF format only – (Autocad or any other design software files are not accepted.)

#### Annexure - B

#### DETAILS REGARDING TYPES AND QUANTITY OF CONCRETE USED.

#### Was mix design carried out for the concrete mix?: Yes

If Yes, Provide details.

- Where mix proportion was done, externally or internal lab. Provide basic detail of the proportion
- (Enclose separate sheets, if required.)

#### Type of concrete

Type of Concrete	Site Mix Concrete (Cu.M)	Ready Mix Concrete	Total Concrete Quantity (cu.m)
Volume of Concrete (Cu. M)			

No

#### GIVE DETAILS OF SPECIAL CONCRETE USED, IF ANY

- Type of special concrete used:
- Quantity of special concrete (cu.m):
- Grades of concrete used:

Was any admixture (Mineral / Chemical) used? : Yes No

If yes, provide details – which chemical – purpose & where it was used.

- Type of Cement used OPC / PPC / Grade
- If yes, give details (Enclose separate sheets, if required)
- Details of quality control for concrete
- Was workability and strength of concrete tested periodically? : Yes No
- If yes, give details (Enclose separate sheets, if required):
- Was strength of concrete measured periodically? : Yes No
- If yes, give details (enclose separate sheets, if required):
- Any other works done for improving quality? Please provide details like technical services obtained, training process adopted in that specific site.)

#### Annexure - C

#### SPECIAL CONSTRUCTION METHODS (PROVIDE DETAILS AND PHOTOS):

- Mechanization if adopted (Machine tools, equipment used)
- Automation if any used.
- Alternate construction methods used
- Challenges Faced
- Pest Control
- Water proofing methods
- Any other

#### Annexure – D

### PRACTICE ADOPTED FOR BETTER EXECUTION OF PROJECT

#### DETAILS OF INVESTIGATION DONE/ QUALITY ASSESSMENT OF MATERIALS DONE

Please provide details

- Investigation done for getting inputs for the design / analysis.
- Soil investigation
- Water Test
- Tests done on materials before they are used in the project.

#### Annexure - E ALTERNATE MATERIALS USED

#### Please provide details on

- Bricks/Concrete Block/Fly Ash blocks/Light weight concrete block (AAC) Any Other.
- Special/Fly ash/Slag in concrete
- Ready to use materials like dry mix mortars for joining/plaster or surface treatment or Dry mix concrete.
- Concrete Frames for doors and windows
- Precast elements/Components used
- Any other

#### Annexure - F

#### TECHNICAL ASSISTANCE TAKEN.

Please provide details on

- 3<sup>rd</sup> party assistance taken for QA & QC practice. (please provide frequency copies of the test results)
- Additional technical services form material manufacturers like cement/steel/construction chemicals/
- Mobile Lab service / water testing / on site concrete tests
- Training for polishing skills labour at this site.
- Specialist consultation for Plumbing & Electrical work

#### Annexure – G

#### CHALLENGES FACED DURING CONSTRUTION - SITE CONDITION - UNFORESEEN CHALLENGES

Please provide the provision of

- Challenges encountered because of site condition, natural calamities.
- Challenges faced for design both architectural & structural
- Unforeseen challenges encountered during construction

#### Annexure – H

#### Alternate Materials – efforts towards sustainable construction.

Please provide the provision of

- rainwater harvesting/ground water recharging provisions methods consultancy taken etc.,
- Use of solar energy,
- water recycling etc.,
- Any recycled material used
- Indian Greeen Building Council (Part of CII)

#### Annexure - I

#### Green concepts in design and execution

Please details of Green Construction Design/construction practice provid	e photographs	and a small write up ab	out the concept
Was Green concept used in the building?	:	Yes	No
Has the project been registered for LEED / $GRIHA^1$ / $IGBC^2$ certification	:	Yes	No

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

2 Indian Greeen Building Council (Part of CII)

#### Annexure - J

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

Annexure – K

Economics in construction costing - time - challenges faced - safety measures adopted.

::

:

Time line 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

#### Annexure - L

PROVIDE DETAILS REGARDING SAFETY PRACTICES ADOPTED:

- Safety measures adopted, if any. (Enclose separate sheets, if required)
  - 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

#### Annexure – M

#### Declaration & copies of statutory certificates/reciepts

Please provide copies of the certificates obtained for various activities

- Statutory certificates like the approval for construction/occupancy /tax paid receipt for the building etc.,
- The sample test certificates for the 3<sup>rd</sup> 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 - N (compulsory)

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

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### ICI - UltraTech Award 2017 Best ICI Student Chapter



Please provide all relevant details in the same order.

Provide Dates in DD/MM/YYYY format.

Please write names of person and places in Capital letters so that we will not have any problems in writing same for certificates etc.,

Please use annexure sheets where ever requires – indicate the same in respective column

Providing photographs and relevant information as per ICI guide lines are mandatory.

Only the Activities that are reported to ICI head quarters in time & documented there will be considered for this award Provide the list of activities date wise.

#### Provide details about ICI Student Chapter being nominated for the award.

Name of the Institution / College					
Strength of Student Membership	Existing (up to 2016)		New additions in 2017		
				<u>.</u>	
Name of Office – Bearers					
Name of the Faculty Mentor					
Mentoring ICI Centre					
Details of Programs organized under the banner of Student Chapter of ICI for students of your college (Enclose Annexure to briefly highlight about each program including photos, if any)					

#### List of activities conducted

Workshop / Cont/ Lecture/ Competition Technical Visit	Date	Duration	Name(s) of experts Participated	Topic of Program	No. of Participants	
Programs organized under to briefly highlight about o	Programs organized under the banner of Student Chapter of ICI open for students from other colleges. (Enclose Annexure to briefly highlight about each programme, including photos, if any) (intercollege competition – paper presentation)					

The information provided in the application is verified by us.

Place :			
Date :	Seal of the Institution / College	Name & Signature of Faculty Mentor	Name of Signature of Office – Bearers (Students)

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Γ



Category: Outstanding Thesis in Field of Concrete (Masters / Doctoral)					Affix Photo of the Applicant		
Name							
College							
University							
Title of the Thesis							
Masters / Ph.D (tick)	м.е 🔾	M. Teo	:h ()	M.S. (by Research) O Ph. D O			
Year of Award of Degree							
Grade / Mark Awarded							
Name of the Guide(s)	Attach Copy of the Examiner's Report in Case of M.S., Ph.D Thesis (Annexure – 1)						
PDF version of the thesis to be sent to E-mail:	Yes No PDF file w		E-mail ID fi PDF file wa	rom which as sent	nich Date on which E-mail was sent		
No. of Papers Published, if any (provide details of papers in Annexure-2)	International Journal	Natio	onal Journal	Internation Conference	al N e C	National Conference	
Address for Communication Including Pin code							
Contact Details	Phone No.		Cell No.		E-mail		
Declaration: This thesis is a presentation of my original research work. Wherever contributions of others are involved, every effort is made to indicate this clearly, with due reference to the literature, and acknowledgment of collaborative research and discussions. The work was done under the guidance of Prof. Dr/ Mr/ Ms./							
Applicant's Signature			College Seal and Date				
In my / our capacity as supervisor of the applicant's thesis, I certify that the above statements are true to the best of my knowledge.							
Date:	(Guide's Name and Signature)						

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