

NATIONAL AWARD COMPETITION FOR STUDENTS

For the best Innovative use of Steel in Architecture

Architectural Designing of a

STEEL SERENITY ECO-RESORT, DIGHA

20
24



Institute for Steel Development and Growth

Announcement for NACS (A) 2024

NATIONAL AWARD COMPETITION FOR STUDENTS (2024) FOR THE BEST INNOVATIVE USE OF STEEL IN ARCHITECTURE THEME: ARCHITECTURAL DESIGNING OF A STEEL SERENITY ECO-RESORT, DIGHA

THE INSTITUTE

Institute for Steel Development and Growth (INSDAG) is a non-profit making, member-based organization established at Kolkata by the Ministry of Steel, Govt. of India and the major steel producers in the country. The Institute primarily works towards the development of advanced design methodologies and technical marketing by expanding applications of steel in different segments, upgrading skills and know-how, creating awareness amongst potential users, providing efficient steel-usage technology / design aids / teaching aids, upgrading skills/ know-how, disseminating steel related information / database, establishing intimate industry-university interface and communicating the benefits of steel vis-à-vis other competitive materials, etc. To promote steel usage in India, the Institute has identified various projects / thrust areas under the direction of its Executive Council.

THE MISSION

To work in unison with all the stakeholders in the Steel Industry so as to evolve ways & means for more efficient use of steel and provide optimum value to the customer.

THE OBJECTIVE

To create interest among the students of Architecture in using steel as a medium of their architectural expression and in exploiting numerous advantages of structural Steel as a material of construction, the Institute organises a **"National Competition for Students for the Best Innovative use of Steel in Architecture"**

as a part of its Industry-University interface. Starting from the year 1999-2000, the Institute is arranging an interesting and exciting competition every year for the students of Architecture all over India with a view to recognizing and rewarding the talents of budding Young Architects of tomorrow for **"Excellence in Steel Architecture"**.

THE THEME

The Theme of the competition for the year 2024 is **ARCHITECTURAL DESIGNING OF A STEEL SERENITY ECO-RESORT, DIGHA**

THE PRIZES:

1st Prize	:	Rs. 50,000/-	+	Certificate
2nd Prize (2 nos.)	:	Each Rs. 30,000/-	+	Certificate
3rd Prize (2 nos.)	:	Each Rs. 20,000/-	+	Certificate

ELIGIBILITY

The "Competition" is open to all first year to final year UG & PG Architecture Students from any AICTE / COA approved University / Schools of Architecture in India.

- **UG Students: Team of maximum 4 (four) students in the team**
- **PG Students: 1(one) PG + maxim. 3(three) UG students or, 2 PG students in one group**

Students from Schools of Design in India may also participate.

Students from different colleges may form groups but in such case the colleges should be from same zone

THE SELECTION

Four Zonal Selection Committees (one each for East, West, North & South Zone) consisting of renowned Architects and Faculties will make the Zonal Ranking (and Screening) of Entries at each Zone. In the **Zonal Round**, max. 16 (sixteen) best Entries will be selected (preferably 4 numbers from each Zone) based on the Zonal Ranking of the proposals, as per the criteria formulated by the Committee.

The participants of 16 short listed entries will be duly informed and called to Kolkata to appear before the **Central Selection Committee** in the **Final Round** of the Competition to display and present their design entries around **February 2025**. *The detailed programme will be intimated later to all concerned. The top five Entries will receive the Awards.*

ZONAL COORDINATORS:

EAST ZONE [Assam, Bihar; Jharkhand; Odisha; West Bengal; Chhattisgarh; Tripura; Meghalaya, Manipur, Mizoram, Nagaland, Arunachal Pradesh, Sikkim]

Prof. (Dr.) Sumana Gupta,

Department of Architecture and Regional Planning,
Indian Institute of Technology Kharagpur,
Kharagpur, West Bengal - 721302

Mobile: 9433729054

E-mail: sumana@arp.iitkgp.ernet.in

NORTH ZONE [NCR; Himachal Pradesh; Haryana; J&K; Punjab; Uttarakhand; Uttar Pradesh; Madhya Pradesh]

Prof. (Dr.) Mahua Mukherjee

Department of Architecture & Planning, Joint Faculty, Centre of Excellence in Disaster Mitigation and Management,
Indian Institute of Technology Roorkee
Roorkee, Uttarakhand, India - 247667

M: 9411500150

E-mail: mahuafap@iitr.ac.in

SOUTH ZONE [Andhra Pradesh; Telengana; Karnataka; Kerala; Tamil Nadu, Puduchery]

Prof. (Dr.) Gundu Sai Sanath

School of Architecture,
Reva University, Bangalore 560064

M: 9490272640

E-mail: saisanath.g@reva.edu.in,

INSDAG_NCSA2021southzone@reva.edu.in

WEST ZONE [Goa; Gujarat; Maharashtra ; Rajasthan]

Dr. Durgesh Kulkarni

Ex. Professor & HOD,
D.Y. Patil University School of Architecture,
Sr.No.124, 2016 At/Post-Ambi, MIDC Road, Talegaon
District Pune-410506, Maharashtra

M: 7768825711

E-mail: durgeshkulkarni6382@gmail.com

GENERAL RULES:

1. Each participating group is required to fill in the attached "Expression of Interest" (EOI) form **in soft format** for participation.
2. The participating students are required to enrol themselves as student member of INSDAG before submission of entries with student membership fees of Rs. 1000/- for each participant of the group via online.
3. Students who have already been enrolled as members of the Institute should mention their membership number only

in the EOI form and need not pay any further membership fees.

4. Newly admitted PG students who had been INSDAG members while in UG need to pay the membership fees again.
5. There is no limitation of the numbers of participating groups from any Institution.
6. Originality of work is essential, and the application will be disqualified, if found otherwise.
7. The decision of the Selection Committee is final and binding. Canvassing of any kind will lead to disqualification.
8. Family members / relatives of Selection Committee / INSDAG Staff are debarred from taking part in this competition.
9. All the entries / proposals received by INSDAG at all stages of the above competition shall be treated as property of INSDAG. However, all the drawing sheets, documents & models received in hard format will be returned to the teams after the final round is completed.
10. INSDAG will not take any responsibility in case of missing of any documents /communications (if any) from any side while in transit.
11. Student Membership fees once received by INSDAG against registration in this competition shall not be refunded for reason(s) whatsoever.
12. Outstation candidates appearing for the final round of the competition in Kolkata will be reimbursed with to-and-fro ordinary AC 3-tier sleeper class / AC Chair Car fare by the shortest route on production of proof of travel. Accommodation in Guest House / Hostel will be organised by INSDAG depending upon availability. **However, any Guidelines regarding assembling etc provided by the Government will prevail.**

DELIVERABLES & SUBMISSION:

Visit <https://www.steel-insdag.org/aa-registration> for online registration and payment

Or, the participants are invited to send their "Expression of Interest" (EOI) in soft format by email to

insdagindia@gmail.com

The **membership fees of Rs 1000.00** by cheque may be dropped in the nearby drop box of UCO Bank/Internet Banking payable to INSTITUTE FOR STEEL DEVELOPMENT AND GROWTH, Kasba Branch, 170 Shantipally Chakraborty Para, Kolkata 700107.

S/B a/c No.- 08370100004683, IFSC- UCBA0002081

The participants are invited to send their *entries (drawings & report) to respective Zonal Coordinators and INSDAG within the date of submission of entry.*

EACH ENTRY SHOULD BE EMAILED IN SOFT FORMAT IN PDF (all documents), less than 25mb/email, in case multiple emails-should have a continuity like Part-1, 2 etc, to be SENT FROM THE SAME EMAIL ID.

HARD COPY NOT REQUIRED IN ZONAL EVALUATION

The entries (all documents) should be **in pdf format** and should contain the following:

- A self-declaration by the applicant(s) certifying the originality of the work
- A report - 8 pages (maxm.) A4 size (inspiration, case, idea exploration, material palette, concept)
- Drawings should be in appropriate scale (Preferably 1:500, 1:200, 1:100) and should contain
- Perspective View of the structures
- Conceptual Drawings
- Presentation Drawings
- Elevations of major structures
- Sections of major structures
- Details of steel used area
- Drawings to be self-sufficient, easily understood.
- Drawings in suitable scale – 6 nos. (maxm.) A1

FOR FINALISTS ONLY:

Additionally, the followings are required:

- A physical 3D model in suitable scale
- in software a walkthrough to exhibit the design detailing and overall form and PowerPoint presentation on the project

FINAL ROUND:

Each team will display their drawings in hard format, models at the venue, which will be evaluated personally by the Central jury members via personal interviews

This will be followed by an open presentation where the project may be explained by walkthrough and power point presentation (ppt within 10 slides). Duration: 20 mins (15 mins for ppt and walkthrough, 5 mins for Q & A)

DESIGN THEME:

ARCHITECTURAL DESIGNING OF A STEEL SERENITY ECO-RESORT, DIGHA

An eco-resort ensures minimal harm to the surrounding ecosystem without sacrificing comfort or luxury for guests. These establishments aim to reduce food waste, conserve natural resources such as water and energy, promote local culture and protect wildlife habitats. This concept usually refers to a specific design philosophy that stresses multi functionality over specificity.

- The plain land on which the eco-resort is located nearby on Digha main road should be a single plot/multi plots.
- The eco-resort shall be aesthetically pleasing and planned to enhance viewing experience.
- Local climatic conditions shall be considered in order to provide structure with thermal comfort and energy efficiency and economy.
- Use of solar energy in the resort shall be explored for lighting of important places to save electrical energy.
- Proper location of Pump House, Sump, Septic Tank, Electrical Transformer etc. shall be decided so that these will not create safety hazards to other facilities.
- Garbage Bins of suitable size at proper locations shall be provided.
- Proper drainage arrangements in the resort shall also be made so that water do not stagnate. The underground drain connecting the main drains outside the resorts shall be provided.
- For safety precautions all openings, electrical panels, proper enclosures shall be provided.
- Parking place shall be outside of the resorts.
- Students can design as per schematic sketch or can provide their own arrangement with outer dimensions.

DESIGN REQUIREMENT

Lodging

- The lodging area, foresees beyond a dimensioned parking, a generous reception, and a cycle-center (to rent bicycles), which precede a central square, where the first contact with the resort will arrive.
- A set of services and activities, and leisure, such as restoration area, commerce and entertainment like amphitheatre, mini-golf, toys, sports and so on.
- This central square will function as a distribution zone linked with the remaining areas.
- Its localization is central and privileged in relation to the entrance in the complex and
- Providing landscape attraction and offers several activities.

Shelter

- This camping leisure will be the nuclear area of the complex, and will agglutinate the biggest number of users and will offer a different concept of lodging linking with the nature.
- It corresponds to the camping zone, with diverse sources lodging like: tents, caravans, motorized caravans, until the most definitive solutions, such as bungalows (figure 3) and mobile homes
- it will enjoy a great autonomy of functioning and management of resources, and it is the sector that will make the project economically viable.
- The most structural base of the complex and will be supported by a diversity of activities and services that complement a panoply of existing activities in the other sectors
- It is also responsible for the landscape and environmental development of the complex
- The creation of a biological swimming pool as well as a big tent that provides this area of a social meeting point

Aquatic Leisure

- This sector corresponds to the main zone of the aquatic entertainment, where more traditional equipment is proposed, presenting more options on the sport offer.
- Complementing the wealth of the beautiful beaches in the proximity, this sector endows this complex with an attractive of great importance for the resort.
- This sector counts on swimming pools of diverse activities (swimming pool/beach with waves, Jacuzzis, lakes, islands, rivers, cascades, aquatic animation and nautical, health club and winter swimming pool, etc.), persecuting the main objective of working all the year.

Environmental Animation

- This sector beyond usufruct of the natural resources will improve and rent areas of the park, with activities of preservation
- Environmental animation, sport of the nature, programs of sensibilization and environmental interpretation, agricultural activities, fifth of animals, environmental and cultural animation.

Services:

- CCTV System
- Public Address System, etc.

Steel Design Attentions:

- Weathering control
- Fire protection
- Maintenance, etc.

PROPOSED DISTRIBUTION OF THE SPACES FOR DESIGN:

Area	%
Public Activities	10
Residential Activities	30
Support Activities	40
Management Activities	10
Service Activities	10
TOTAL	100

OTHER DETAILS:

The details about the site, development plan, sect

- DIGHA-SANKARPUR SECTOR MAP – Annexure A
- GENERAL LAND USE AND COASTAL VULNERABILITY ALONG THE DIGHA–CHANDPUR COAST – Annexure B
- SITE DETAILS – Annexure C
- DETAILED AREA PROGRAM – Annexure D

JUDGEMENT CRITERIA:

The submission would be graded according to the following criteria :-

1. The physical manifestation of the brief into the design – its form and functionality.
2. **The innovative and judicious usage of Steel in the design.**
3. The presentation of the said design – via. Drawings sheets (for both Zonal and Final Round, if selected) and physical model and 3D sketch-up model in software, walkthrough and PowerPoint presentation (for Final Round only, if selected).

GUIDELINES:

- a. **The proposed eco resort complex will be of international standards in its features, quality, aesthetics and visual impact. The Architects are free to evolve the Steel Structures having any suitable shape satisfying the basic requirements furnished in the Brochure.**
- b. **Larger column free areas inside the Structures are desirable.**

The following suggestion may be considered:

- a. One objective of the competition is to explain the basic concept of the design in an easy-to-understand way. Conceptual drawing may be used where necessary.
- b. The proposed drawings of structures should be easy-to-understand visually (e.g. Features, quality, aesthetics and visual impact by colouring where necessary)
- c. Students are free to evolve innovative ideas for the various aspects of the project but satisfying the basic requirements furnished in the Brochure

1.0 The following may be noted while working out the schemes:

- Innovative use of steel to the maximum extent in structural framing.
- Use of steel elements in roofing, cladding, fascia, stairs, main entrance gates and other areas as far as possible along with other construction materials.
- Use of Steel-Concrete Composite Structures may be proposed because it may be desirable to include RCC elements in some locations such as slabs etc.

2.0 Emphasis should be laid on design process and conception of innovative steel structures of various forms tempered with the practicality of putting the concept into reality along with Structural Stability.

3.0 Fire Safety/Lightning Protection norms are imperative. Encasement with concrete may not be adopted.

4.0 Detailed structural design and cost estimation / plumbing & sanitary design and auxiliary services **design are outside the scope of the competition.**

CODES AND REFERENCES:

1. Use of Internet and recent publications for obtaining information on similar Structures worldwide is suggested. However, direct copying is prohibited. (Also refer rules under submission criteria in the announcement section)

The following codes and may be used for reference purpose:

- IS:800, IS:801, IS:806, IS:875, IS:1161, IS:1893, IS:4923, IS:9595, IS:11384 – the latest versions of these codes are to be referred.
- National Building Code-2016
- Participants are free to refer suitable Indian/ Foreign codes as applicable.

All submitted Entries will receive Participation Certificates.

STEEL ELEMENTS:

All available Steel Elements may be used for the above purpose. These include:

- Steel Rolled Sections:
 - Standard Beam Sections / Wide / Narrow Parallel flange Beam Sections, Channel Sections / Angle Sections etc.
- Steel Fabricated / Built-up Sections / Castellated sections
- Rectangular Hollow Sections / Square Hollow Sections / Circular Hollow Sections
- Plates and Flats, Rounds and Squares
- Wire Ropes
- Cold Formed Steel
- Corrugated /Plain/ Embossed Profiled Sheet
- Colour Coated/ Plastic Coated/Galvanized Sheet
- Stainless Steel Sheet and Sections
- High Tensile Steel, Weather Resistant Steel etc.

ENTRIES / APPLICATIONS

Last date of sending Expression of Interest – 30th October 2024

Last date of sending design entries – 10th December 2024

KEY POINTS FOR PARTICIPATION:

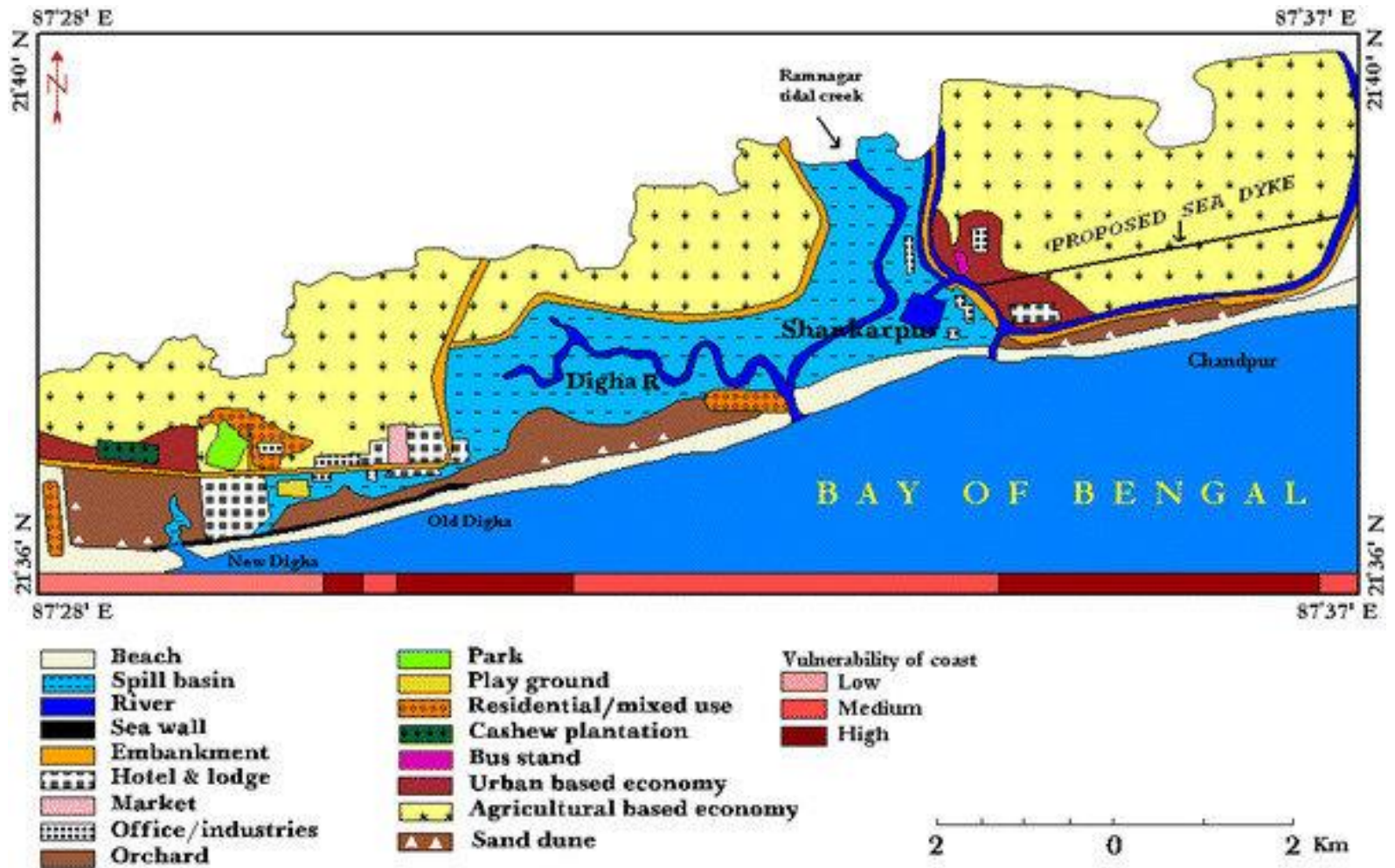
- To fill up the EOI in soft format, convert to PDF
- To take INSDAG's student's membership
- To email the EOI along with membership fees online by 30th October 2024 at insdagindia@gmail.com
- To Email the completed design entries by 10th December 2024 to the respective Zonal Coordinator & INSDAG.

REQUEST TO

Principals, Directors and HODs of all the Architectural Institutions.

This is a prestigious National Level Competition. This Brief may be assigned as a project / sessional work as a part of the curriculum of your students

ANNEXURE – B: GENERAL LAND USE AND COASTAL VULNERABILITY ALONG THE DIGHA–CHANDPUR COAST



(Samanta and Paul 2016)

Reference: Samanta, Sailesh, and Saikat Kumar Paul. 2016. "Geospatial analysis of shoreline and land use/land cover changes through remote sensing and GIS techniques." *Modeling Earth Systems and Environment* 2: 1-8.
<https://link.springer.com/article/10.1007/s40808-016-0180-0>

SITE DETAILS



PROPOSED SITE LOCATION = SITE AREA = 106749 SQ M (1149037 SQ FT) = ~26 Acres

ANNEXURE – D: DETAILED AREA PROGRAM

Steel Serenity Eco Resort at DIGHA, Westbengal, India		
Area Program		
S.No.	Program	Capacity
1	Multi-Function Block	
a	Reception Counter	4 Person
b	Lobby/ Waiting	15 person
c	Lounge	50 person
d	General Restaurant	135 person
e	Central Kitchen for Restaurant	
f	Dr Store	
g	Chilled Store	
h	Waste Disposal area	
i	Dish Wash Area	
j	Kitchen Staff Toilet	1 person
k	Visitors Toilet	4 person
1.1	Office Space	
l	Waiting and Reception	5 person
m	Chair Person's Room	1 person
n	General Manager Room	1 person
o	Deputy Managers Room	1 person
p	HR Manager Room	1 person
q	House Keeping Manager Room	1 person
r	Engineering Department	1 person
s	Legal Department	1 person
t	Administrative Staff room	6 Person
u	Accounting Staff Room	2 person
v	Meeting / Presentation Hall	15 person
w	Rest room	2 person
x	Utility room/ Store Room	
y	Store Keeper	1 Person
2	Secondary Main Service Block	
a	Reception Counter	2 Person
b	Operation managers Room	1 Person
c	Lobby/ Waiting	15 Person
d	Restaurant	50 Person
e	Kitchen with accessory spaces	
f	General Bar	20 Person
g	Cocktail Bar	20 Person
h	Discotheque	150 Person
i	DJ control Room	2 Person
j	Rest room for restaurant	2 Person
k	Rest Room for Discotheque	10 Person
l	Buffer Room For Discotheque	
m	Rest room for Staff	1 Person
n	Utility room/ Store Room	
3	Informative and Learning Block	
a	Lobby/ Waiting Lounge	10 Person
b	Reception Counter	1 Person
c	Tourist Information Centre	20 Person
d	Library	15 Person
e	Museum to reflect the socio-cultural status	20 Person

f	Control Office	1 Person
g	Toilet for Visitors and Staff	2 Person
h	Conference Hall 2	100 Person
i	Conference Hall 1	50 Person
j	Toilet for Conference Hall User	
k	Curio (souvenir) Shop	10 Person
l	Cyber Cafe	
4	Main Conference Hall	
a	Lobby/ Foyer	50 Person
b	Rest Rooms	12 Person
5	Recreational Block	
a	Squash hall	2 person
b	Gymnasium	25 person
c	Aerobics	10 person
d	Meditation	20 person
e	Barber Parlor	2 person
f	Coffee/ Tea shop	8 person
g	Spa	1 person
h	Sauna	1 person
i	Snooker	4 person
j	Locker room /Change	30 person
k	Rest Room	6 person
6	Common Accommodation Unit	
7	Individual Accommodation Unit	
a	Group User Block (10 Rooms)	Up to 8 User
b	Couple/ Honeymoon Block (10 Rooms)	2+ 1 Child
c	Family Block (10 Rooms)	4—5 User
8	Staff Accommodation and Back House	
a	Staff Kitchen	15 User
b	Staff Dining	15 User
c	Wash Area	
d	Site Storage	
e	Accommodation Units	10 rooms
f	Rest rooms	2 person
g	Family Suite for High level staff	2 Family
h	Generator and Battery Room	
9	Guard House	
10	Other Areas	
a	Laundry	
b	House keeping	
c	Swimming Pool	
d	Swimming pool Deck	
e	Swimming pool changing rooms	
f	Transformer	
g	Electrical room / Substation	
h	Water tanks (Domestic + Fire fighting)	
i	Pump room	

Winning Colleges of the Competition (1999-2023)

Year	1st Prize	2nd Prizes	3rd Prizes
1999-2000	Anna University, Chennai	Rizvi College of Architecture, Mumbai Anna University, Chennai	SRM Engineering College, TN Jadavpur University, Kolkata
2000-01	LAD & SRP College, Nagpur	Priyadarshi College, Nagpur SRM College, Chengelpet	SRM College, Chengelpet SRM College, Chengelpet
2001-02	Academy of Architecture, Mumbai	Academy of Architecture, Mumbai Academy of Architecture, Mumbai	Anna University, Chennai Academy of Architecture, Mumbai
2002-03	Rizvi College of Architecture, Mumbai	Rizvi College of Architecture, Mumbai Dr. MGR Engineering College, Chennai	Dr. MGR Engineering College, Chennai Academy of Architecture, Mumbai
2003-04	TVB School of Habitat Studies, New Delhi	IIT, Roorkee Measi Academy of Architecture, Chennai	LAD & SRP College, Nagpur Measi Academy of Architecture, Chennai
2004-05	IIT, Roorkee	IIT, Roorkee Dr. MGR Engineering College, Chennai	IIT, Roorkee LAD & SRP College, Nagpur
2005-06	D Y Patil College of Arch, Pune	Anna University, Chennai Anna University, Chennai	IIT, Roorkee Jadavpur University, Kolkata
2006-07	Anna University, Chennai	Anna University, Chennai Jadavpur University, Kolkata	Apeejay SAP, Noida IIT, Roorkee
2007-08	Anna University, Chennai	Anna University, Chennai Anna University, Chennai	Anna University, Chennai Chitkara SPA, Patiala, Punjab
2008-09	School of Planning and Architecture, New Delhi	Measi Academy of Architecture, Chennai Measi Academy of Architecture, Chennai	Sathyabama University, Chennai Sathyabama University, Chennai
2009-10	VNIT, Nagpur (W-05)	Sathyabama University, Chennai (S-01) School of Planning and Architecture, New Delhi (N-04)	Bharati Vidyapeet College of Architecture, Pune (W-01) Jadavpur University, Kolkata (E-01)
2010-11	Measi Academy of Architecture, Chennai (S-09)	Jamia Millia Islamia, New Delhi (N-07) Sathyabama University, Chennai (S-07)	School of Planning and Architecture, Chennai (S-25), Jadavpur University, Kolkata (E-03)
2011-12	Measi Academy of Architecture, Chennai	School of Planning and Architecture, Chennai Jamia Millia Islamia, New Delhi	D C Patel School of Architecture, Gujarat, Measi Academy of Architecture, Chennai
2013	School of Planning and Architecture, Chennai	Birla Institute of Technology, Mesra Padmashree Dr D Y Patil Collge of Arch., Pune	Padmashree Dr D Y Patil Collge of Arch., Pune Measi Academy of Architecture, Chennai
2014	IIT, Kharagpur	School of Architecture, MMU, Ambala, Haryana, IIT, Kharagpur	VIT's Padmabhushan Dr. V.P. College of Arch., Pune Md. Sathak A J Academy of Architecture, Chennai
2015	IIT, Kharagpur (E-09)	School of Architecture, MMU, Ambala, Haryana (N-01) IIT, Kharagpur (E-07)	VIT's Pd. Dr. V.P. Colllege.of Arch., Pune (W-21) Md. Sathak A J Academy of Arch., Chennai (S-42)
2016	BIT, Ranchi	Sunder Deep College of Architecture, Gaziabad, UP, MITS, Gwalior, MP	Sardar Vallabhbbhai Patel Inst. of Tech, Anand, Guj., IIT, Kharagpur
2017	School of Planning and Arch, New Delhi	School of Planning and Arch, Chitkara, Punjab, M M School of Architecture, Ambala	Excel College of Arch. & Planning, Tamilnadu, Smt. M Mundle College of Arch., Nagpur
2018	School of Planning and Architecture, New Delhi	IIT, Kharagpur School of Planning and Architecture, Chennai	Samata Mahajan of Chitkara University, Patiala, School of Planning and Architecture, New Delhi
2019	IIT, Kharagpur (EA-05)	School of Planning and Architecture, New Delhi (NA-16) Rachana Sansad's Academy of Arch., Mumbai (WA-04)	Rachana Sansad's Academy of Arch, Mumbai (WA-03) School of Planning and Architecture, Bhopal (NA-10)
2020	Rachana Sansad's Academy of Arch., Mumbai (WA-02)	Rachana Sansad's Academy of Arch., Mumbai (WA-04) Piloo Modi School of Arch., Cuttack (EA-06)	Piloo Modi School of Arch., Cuttack (EA-05) Dr. Bhanuben Nanavati Coll. of Arch. for Women, Pune (WA-01)
2021	Measi Academy of Architecture, Chennai (SA-45)	IIT, Kharagpur (EA-10) Rachana Sansad's Academy of Arch., Mumbai (WA-01)	Rachana Sansad's Academy of Arch., Mumbai (WA-03) RVS Padmavathy School of Archi., Chennai (SA-05)
2022	Rachana Sansad's Academy of Arch., Mumbai (WA-02)	IIT Roorkee (NA-20) Rachana Sansad's Academy of Arch., Mumbai (WA-03)	KIIT School of Arch. and Planning, Bhubaneswar (EA-06) IIT Kharagpur (EA-34)
2023	Rachana Sansad's Academy of Arch., Mumbai (WA-01)	Crescent School of Architecture, Chennai (SA-13) IIT, Kharagpur (EA-09)	IIT Roorkee (NA-06) Crescent School of Architecture, Chennai (SA-08)

Themes of the Competitions (From 1999 to 2023):

- Centre for Performance of Arts at Kolkata;
- Sports cum Recreation Centre at Chennai;
- International Standard Shopping Plaza at Mumbai;
- World-class National Art Gallery at Banjara Hills, Hyderabad;
- International Cricket Stadium at Raipur, Chhattisgarh;
- International Airport Terminal Building at Vishakhapatnam;
- World-class Permanent Trade Fair Complex at Kolkata;
- World-class Railway Station in Rajasthan;
- 200 bedded Hospital at Burari, Kaushik Enclave, Delhi;
- World-Class Vehicle Terminus;
- Steel intensive village;
- Steel intensive Martyr Memorial;
- Steel intensive (B+G+4) Storeyed Office Building;
- (B+G+8) Storeyed super specialty hospital in Kolkata;
- Cultural Complex-cum-Spiritual Centre in any urban centre in India;
- Steel intensive Highway amenities centre;
- Tall Building(s);
- Elevated Cycle Track;
- International Airport proposed by AAI;
- Proposed International Level Cricket Stadium Cum Cricket Academy at Ghaziabad in India;
- 200 Bedded Hospital to be constructed in 100 days for Corona related Patients;
- Architectural Designing of an International Level School at Gurgaon;
- Architectural Designing of a Multi-Events Stadium at Kiriburu, Jharkhand;
- Architectural Designing of a R&D Centre at Visakhapatnam Steel Plant;

EXPRESSION OF INTEREST FOR PARTICIPATION

(To be submitted on or before 30th October 2024)

NATIONAL COMPETITION FOR STUDENTS FOR THE BEST INNOVATIVE USE OF STEEL IN ARCHITECTURE YEAR 2024

Please fill in this form, scan, convert it to PDF and email to insdagindia@gmail.com. Kindly make the online payment for Membership

Name & Address of the college:

Name of the guiding faculty/ HOD:

Signature of the guiding faculty/ HOD with date:

Student's name (Capital)	Mr. / Ms.	:	
	Year of Study	:	Telephone No.:
	E-mail address	:	
Student's name (Capital)	Mr. / Ms.	:	
	Year of Study	:	Telephone No.:
	E-mail address	:	
Student's name (Capital)	Mr. / Ms.	:	
	Year of Study	:	Telephone No.:
	E-mail address	:	
Student's name (Capital)	Mr. / Ms.	:	
	Year of Study	:	Telephone No.:
	E-mail address	:	

I/We agree to participate in the Competition organized by INSDAG for the year 2024 and would request you to enrol my/our name/s in your database for record purpose. I/We also agree to become Student Member/s of INSDAG by paying **Rs. 1000/-** only for each one of us (onetime only). Consolidated Payment for whole group is allowed.

Payment Details: (Online)

NEFT / RTGS / IMPS	QR CODE	UPI
INSTITUTE FOR STEEL DEVELOPMENT & GROWTH, BANK: UCO, Kasba Branch – Kolkata SB a/c No – 08370100004683 , IFSC : UCBA0002081		8334815444@ucobank

or Visit <https://www.steel-insdag.org/aa-registration> for online registration and payment

Signature(s): 1. 2. 3. 4.

Date:

Please email the scan copy of the EOI form with payment receipt to:

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Institute for Steel Development and Growth (INSDAG)

(Kind Attention - Mr. Sajal Kumar Ghorai (Mob. 9836093666))

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