National Competition for Students 2021

For the best Innovative use of Steel in Architecture

ARCHITECTURAL DESIGNING OF AN INTERNATIONAL LEVEL SCHOOL AT GURGAON

Institute for Steel Development & Growth (INSDAG)
THE INSTITUTE

Institute for Steel Development & 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 2021 is ARCHITECTURAL DESIGNING OF AN INTERNATIONAL LEVEL SCHOOL AT GURGAON

THE PRIZES

<table>
<thead>
<tr>
<th>Prize Title</th>
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<td>1st Prize</td>
<td>Rs. 45,000/- + Certificate</td>
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<tr>
<td>2nd Prize (2 nos.)</td>
<td>Each Rs. 30,000/- + Certificate</td>
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<tr>
<td>3rd Prize (2 nos.)</td>
<td>Each Rs. 20,000/- + Certificate</td>
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</table>

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 2022**. 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.) Arup Sarkar
Department of Architecture, Town & Regional Planning
Indian Institute of Engineering, Science & Technology (IIEST) Shibpur, Howrah – 711 103, West Bengal
M: 9830198481
E-mail: arupsarkar.ar@gmail.com

WEST ZONE [Goa; Gujarat; Maharashtra; Rajasthan]

Prof. (Dr.) Ravindra Deshmukh
D.Y. Patil School of Architecture
Sr.No.124, 2016 At/Post-Ami, MIDC Road, Talegaon District Pune-410506, Maharashtra
M: 9119195041
E-mail: deshmukhr04@gmail.com

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: mahu1965@gmail.com, mahuafap@iitr.ac.in

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

Prof. Madhavan Thirumeni
Dean, McGan’s School of Architecture
Perar, Kotagiri Rd, Ooty, Tamil Nadu
M: 9840044179
E-mail: mtmeni@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. 800/- 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

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 800.00 by cheque may be dropped in the nearby drop box of UCO Bank payable to INSTITUTE FOR STEEL DEVELOPMENT & 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 to respective Zonal Coordinators 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: 15 mins (10 mins for ppt and walkthrough, 5 mins for Q & A)

DESIGN THEME

ARCHITECTURAL DESIGNING OF AN INTERNATIONAL LEVEL SCHOOL AT GURGAON

An international school is a school that promotes international education, in an international environment, originally created to ensure that expatriates and diplomats could get a “western” education for their children while working in far-flung countries, international schools have found a new purpose: educating the children of wealthy locals so those kids can compete for spots in western colleges—and, eventually, positions.

- The plain land on which the school is located on a major highway should necessarily be a contiguous single rectangular plot of 73 acres land with approx 385m along highway and other side 766m.
- The site plan of land: North - Highway and main entrance, East - a water body, South - Barren land and West - Barren land.
- The building shall be aesthetically pleasing and look like educational building. Building shall be planned adopting to reduce noise levels/disturbance.
- Height of the room (Floor to ceiling) shall be minimum 3.500 mtr or as per site requirement and specifications of CPWD/MES.
- Local climatic conditions shall be considered in order to provide building with thermal comfort and energy efficient/economy.
- Use of solar energy in the campus shall be explored for lighting of important places to save electrical energy, besides being a demonstration for students of the schools.
- Proper location of Pump House, Sump, Septic Tank, elect. Transformer etc. shall be decided so that these will not create safety hazards and become obstruction for future expansion of building and other facilities.
- Garbage Bins of suitable size at proper locations shall be provided.
- In-corporate plantation scheme, parks and other horticulture works in the campus in the master plan.
- Plinth protection around building with plinth drain connecting the main drains in the campus shall be provided. Similarly proper drainage arrangement in the open spaces inside / outside of the building shall also be made so that water do not stagnate in the campus causing hardship to students while play and movement etc.
• Classrooms, Library and Laboratory shall be larger in size with zig-zag sitting arrangement to maintaining sufficient gap of physical distancing.
• The institution should have an arrangement for sports and extracurricular activities with the nearby schools. Adequate ground to create outdoor facilities for Athletics Track, Kabbadi, Kho-Kho and Volleyball etc.
• The School should have adequate facilities for providing recreation activities and physical education as well as for conduct of various activities and programs for developmental education and for the social, cultural and moral development of the students and for safeguarding their health.
• Hostels and Staff Residences shall be provided.
• Cycle/Scooter stand with simple truss and A.C. sheet roofing shall be provided close to boundary wall near left hand side of main gate.
• Canteen (Kiosk Type) without sitting space but with cooking, storage and service counter facilities shall be provided at a suitable place in the campus.
• A raised platform/stage for functions, with tubular truss and sheet roofing shall be provided at suitable location.
• The School will provide adequate facilities for potable drinking water on each floor.
• The School will provide clean healthy and hygienic washrooms on each floor with washing facilities for boys and girls separately in proportion to the number of students. The washrooms for the primary students should be separate from other washrooms. There should be separate washrooms for staff members.
• For safety precautions all openings, electrical panels, proper enclosures / grills shall be provided.
• Special provisions: Oxygen Booths, Sanitisation kiosks, Mini health centre with General beds, ICU with ventilators, sufficient wash basins at various strategic locations.

Design Area Requirement:

**School- Academic Block**
- Entrance Foyer / Porch (Area assume)
- Administration Office
  - Principals Cabin with attached Toilet - 25sqm
  - Waiting Area - 20sqm
  - Staff Area - 30-40sqm
  - Cashier - 10sqm
  - Staff Toilet - 2 nos (Male & Female)

**Canteen**
- Dining Room for 250 nos (2 Batches) - 400sqm
- Hand wash area - 15-20sqm
- Kitchen - 100sqm
- Store room - 50sqm
- Washing area - 50sqm

**Hostel Block separate for 240 Boys & 240 Girls**
- Dormitories (1 single bed, 1 cabinet & 1 study table per student) - Area & distribution to be decided as per design
- Toilets - As per norms
- Study Room - 50-60sqm
- Wardens office - 10-15sqm
- Residing facility for warden - 20-25sqm
- Common lobbies

**Outdoor Activities**
- Play Ground-Football/Cricket & 200 m track (Assume sizes)
- Basketball Court (Assume suitable sizes)
- Volleyball Court (Assume suitable sizes)

**Parking**
- Buses - 2 nos with drop off bay (Assume suitable sizes)
- Cars - 20 nos (Assume suitable sizes)
- 2 Wheelers - 30 nos (Assume suitable sizes)
- Cycles - 40 nos (Assume suitable sizes)

Note-Corridors, Lobbies, Sit outs, Staircases, etc. To be considered as required
The following facilities may be considered:

- AC Classroom
- Wi-Fi Campus for conducting online Exams to prepare students for competitive Exams
- iPad Lab, Computer labs, State-of-the-art Science & Mathematics labs
- Electric school Buses/AC Buses with GPS and CCTV (Live-Streaming)
- Well-stocked Library, Dance rooms, Art Studio, Auditorium
- Temperature Controlled Indoor Swimming Pool
- Fitness Gymnasium, Sports Amenities & Coaches
- AC Indoor Playing Area for Badminton, Basketball
- Facility for learning Piano, Guitar, Tabla, Violin & Vocal Music in a specially created sound studio

- Maximum Ground Coverage permissible is 30%
- Maximum FAR permissible is 1.0
- Maximum Height of the building permissible is 10 meters from Finished Ground Level.
- Parking standard is 2.0 ECS / 100 Sq. M of floor area.
- More than sufficient Wash rooms with all sophisticated facilities for faculty, Students and Visitors.

The planning may be Central AC/ Ductless mini splits AC/ Split individual AC

1. Dormitory type
2. Single Class room Type

Suitable flooring and floor finish may be considered at different utilities

School may be

1. Modular in nature
2. the Building may be prefab in nature
3. Vertical development may not be preferred.

**GUIDELINES**

- **The proposed school 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.

- **Larger column free areas inside the Structures are desirable.**

The following suggestion may be considered:

1. 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.

2. The proposed drawings of structures should be easy-to-understand visually (e.g. Features, quality, aesthetics and visual impact by colouring where necessary)

3. 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.**

**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).
**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.

**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 September 2021

*Last date of sending entries*
– 31st October 2021

**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 September 2021 at insdagindia@gmail.com
- To Email the completed entries by 31st October 2021 to the respective Zonal Coordinator.

**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.

For Communication Contact
Mr. Sajal Ghorai – Coordinator Mob: 9836093666 Email: insdagindia@gmail.com
<table>
<thead>
<tr>
<th>Year</th>
<th>1st Prize</th>
<th>2nd Prizes</th>
<th>3rd Prizes</th>
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<td>1999-2000</td>
<td>Anna University, Chennai</td>
<td>Rizvi College of Architecture, Mumbai</td>
<td>SRM Engineering College, TN</td>
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<td>Anu University, Chennai</td>
<td>Jadavpur University, Kolkata</td>
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<td>2000-01</td>
<td>LAD &amp; SRP College, Nagpur</td>
<td>Priyadarshi College, Nagpur</td>
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<td>2001-02</td>
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<td>2002-03</td>
<td>Rizvi College of Architecture, Mumbai</td>
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<td>Dr. MGR Engineering College, Chennai</td>
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<td>2003-04</td>
<td>TVB School of Habitat Studies, New Delhi</td>
<td>IIT, Roorkee</td>
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<td>D Y Patil College of Arch, Pune</td>
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<td>2006-07</td>
<td>Anna University, Chennai</td>
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<td>Apeejay SAP, Noida</td>
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<td>2007-08</td>
<td>Anna University, Chennai</td>
<td>Measi Academy of Architecture, Chennai</td>
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<td>Measi Academy of Architecture, Chennai</td>
<td>Chitkara SPA, Patiala, Punjab</td>
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<td>2008-09</td>
<td>School of Planning and Architecture, New Delhi</td>
<td>Measi Academy of Architecture, Chennai</td>
<td>Sathyabama University, Chennai</td>
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<td>2009-10</td>
<td>VINIT, Nagpur (W-05)</td>
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<td>School of Planning and Architecture, New Delhi (N-04)</td>
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<td>School of Planning and Architecture, Chennai (S-25), Jadavpur University,</td>
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<td>Sathyabama University, Chennai (S-07)</td>
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<td>2011-12</td>
<td>Measi Academy of Architecture, Chennai</td>
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<td>D C Patel School of Architecture, Gujarath, Measi Academy of Architecture,</td>
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<td>Jamia Millia Islamia, New Delhi</td>
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<td>2013</td>
<td>School of Planning and Architecture, Chennai</td>
<td>Birla Institute of Technology, Mesra</td>
<td>Padmashree Dr D Y Patil College of Arch., Pune</td>
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<td>Padmashree Dr D Y Patil College of Arch., Pune</td>
<td>Measi Academy of Architecture, Chennai</td>
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<tr>
<td>2014</td>
<td>IIT, Kharagpur</td>
<td>School of Architecture, MMU, Ambala, Haryana, IIT, Kharagpur</td>
<td>VIT’S Padmabhushan Dr. V.P. College of Arch., Pune</td>
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<td></td>
<td></td>
<td>IIT, Kharagpur</td>
<td>Md. Sathak A J Academy of Architecture, Chennai</td>
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<td>2015</td>
<td>IIT, Kharagpur (E-09)</td>
<td>School of Architecture, MMU, Ambala, Haryana (N-01)</td>
<td>VIT’S Pd. Dr. V.P. Colledge of Arch., Pune (W-21)</td>
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<td>Md. Sathak A J Academy of Arch., Chennai (S-42)</td>
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<td>2016</td>
<td>BIT, Ranchi</td>
<td>Sunder Deep College of Architecture, Gaziabad, UP, MITS, Gwalior, MP</td>
<td>Sardar Vallabhbhai Patel Inst. of Tech, Anand, Guj., IIT, Kharagpur</td>
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<td>2017</td>
<td>School of Planning and Arch, New Delhi</td>
<td>School of Planning and Arch, Chitkara, Punjab, M M School of Architecture,</td>
<td>Excel College of Arch. &amp; Planning, Tamilnadu, Smt. M Mundle College of Arch., Nagpur</td>
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<td></td>
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<td>Ambala</td>
<td>New Delhi</td>
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<td>2018</td>
<td>School of Planning and Architecture, New Delhi</td>
<td>IIT, Kharagpur</td>
<td>Samata Mahajan of Chitkara University, Patiala, School of Planning and Architecture, New Delhi</td>
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<td>2019</td>
<td>IIT, Kharagpur (EA-05)</td>
<td>School of Planning and Architecture, New Delhi(NA-16)</td>
<td>Rachana Sansad’s Academy of Arch., Mumbai(WA-03)</td>
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<td>Rachana Sansad’s Academy of Arch., Mumbai (WA-04)</td>
<td>School of Planning and Architecture, Bhopal (NA-10)</td>
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<td>Rachana Sansad’s Academy of Arch., Mumbai (WA-02)</td>
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<td>Piloo Modi School of Arch., Cuttack (EA-06)</td>
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<td>Dr. Bhanuben Nanavati Coll. of Arch. for Women, Pune (WA-01)</td>
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</table>
### Zonal Coordinators of the Competition (1999-2020)

<table>
<thead>
<tr>
<th>Year</th>
<th>North Zone</th>
<th>East Zone</th>
<th>West Zone</th>
<th>South Zone</th>
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</thead>
<tbody>
<tr>
<td>1999-2001</td>
<td>Prof. A K Maira, Director, SPA, N Delhi</td>
<td>Mr. Kabir Dey, Chairman, IIA, WB Chapter</td>
<td>Prof. S P Gad, Principal, Sir J J College of Arch, Mumbai</td>
<td>Prof. A Mohammad Haris, Dean, SPA, Anna University, Chennai</td>
</tr>
<tr>
<td>2001-2003</td>
<td>Prof. A G Krishna Menon, Director, TVB School of Habitat Studies, Delhi</td>
<td>Prof. Nirmalendu Sengupta, HOD, BIT, Mesra, Ranchi</td>
<td>Prof. P P Ambedkar, Principal, Academy of Arch. Mumbai</td>
<td>Dr. K S Ananthakrishna, HOD, R V College &amp; Engg, Bangalore</td>
</tr>
<tr>
<td>2003-2004</td>
<td>Prof. M N Joglekar, Vastu Kala Academies School of Arch, New Delhi</td>
<td>Prof. (Dr.) Manju Halder, HOD, Science University</td>
<td>Prof. Manoj Parmar, Kamala Raheja Vidyanidhi Institute</td>
<td>Prof. R P Deshmukh, HOD, Dept. of Arch., Manipal Institute of Technology, Karnatak</td>
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<td>2004-2006</td>
<td>Prof. Anurag Roy, Vastu Kala Academy’s School of Architecture, New Delhi</td>
<td>Prof. (Dr.) Manju Halder, HOD, Bengal Engineering College &amp; Architecture, New Delhi</td>
<td>Prof. Manoj Parmar, Kamala Raheja Vidyanidhi Institute for Architecture, Kolkata</td>
<td>Prof. Harimohan Pillai, MES School of Architecture, Kerala</td>
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<td>2006-2007</td>
<td>Prof. Anurag Roy, Vastu Kala Academy’s School of Architecture, New Delhi</td>
<td>Prof. K B Mahapatra, HOD; SPA, New Delhi</td>
<td>Prof. (Dr.) U S Chakradeo, School of Arch, LAD College for Women, SP, Anna University, Chennai</td>
<td>Prof. (Dr.) Ranee Vedamuthu, HOD, SAP, Anna University, Chennai</td>
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<td>2007-2008</td>
<td>Prof. Satish Khanna, HOD; SPA, New Delhi</td>
<td>Prof. K B Mahapatra, Director; Piloo-Mody College of Architecture, Orissa</td>
<td>Prof. (Dr.) U S Chakradeo, Head of Department, School of Architecture, Orissa</td>
<td>Prof. (Dr.) Ranee Vedamuthu, School of Arch, LAD College for Women, Nagpur</td>
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<td>2008-2009</td>
<td>Prof. Satish Khanna, HOD; SPA, New Delhi</td>
<td>Prof. Tapas Kumar Bhattacharya, Jadavpur University, Kolkata</td>
<td>Prof. Dhananjay Chaudhuri, Dr. D Y Patil College of Architecture, Pune</td>
<td>Dr. Vijay Kishore, Director, SPA, JNTU; Hyderabad</td>
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<td>2009-2010</td>
<td>Prof. S M Akhtar, The Dean, Faculty of Architecture, Jamia Millia Islamia, New Delhi</td>
<td>Prof. Tapas Kumar Bhattacharya, HOD, Department of Architecture, Jadavpur University, Kolkata</td>
<td>Prof. Dhananjay Chaudhuri, Padmashree Dr. D Y Patil College of Architecture, Pune</td>
<td>Prof. N Altaf Ahmed, The Director, MEASI Academy of Architecture, Chennai</td>
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<td>2013-2015</td>
<td>Prof. Ranjana Mital, SPA, New Delhi</td>
<td>Prof. Shankha Pratim Bhattacharya, Architecture, Orissa</td>
<td>Prof. Anand Ukidve, Asst Professor, IIT, Kharagpur</td>
<td>Prof. D V Solomom, Aayojan School of Architecture &amp; Design, Pune</td>
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<td>2016-2017</td>
<td>Ar. Ritu Verma, Associate Dean; Department of Architecture, Hisar</td>
<td>Ar. Sanghamitra Sarkar, Smt. Kashibai Navale College of Design, Pune</td>
<td>Ar. (Dr.) Sudhir D Chavan, McGan’s Ooty School of Architecture, TN</td>
<td>Ar. Gauri N Shriurkar, Director, McGan’s Ooty School of Architecture, TN</td>
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<td>2017-2018</td>
<td>Ar. Ritu Verma, Associate Professor, Axis College; Kanpur – 208 011</td>
<td>Prof. (Dr.) Arup Sarkar, Regional Planning, IIEST, Shibpur</td>
<td>Prof. (Dr.) Ravindra Deshmukh, D.Y.Patil School of Architecture, Pune</td>
<td>Prof. Mohammed Ali Sharief, Director, Sasi Creative School of Architecture, Coimbatore – 641 032</td>
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<td>2018-2020</td>
<td>Ar. Ritu Verma, Associate Professor, Axis College; Kanpur – 208 011</td>
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<td>Prof. (Dr.) Ravindra Deshmukh, D.Y.Patil School of Architecture, Pune</td>
<td>Prof. Madhavan Thirumeni, Director, Sasi Creative School of Architecture, Coimbatore – 641 032</td>
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### Themes of the Competitions (From 1999 to 2020):

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 speciality 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;
EXPRESSION OF INTEREST FOR PARTICIPATION
(To be submitted on or before 30th September 2021)
NATIONAL COMPETITION FOR STUDENTS FOR THE BEST INNOVATIVE USE OF STEEL IN ARCHITECTURE
YEAR 2021

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I/We agree to participate in the Competition organized by INSDAG for the year 2021 and would request you to enrol my/our name/s in your database for record. I/We also agree to become Student Member/s of INSDAG by paying Rs. 800/- only for each one of us (onetime only) through Cheque/Demand Draft drawn in favour of “Institute for Steel Development & Growth” payable at Kolkata enclosed herewith. Students applying in a group may submit a consolidated draft.

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Date

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