

## Institute for Steel Development & Growth (INSDAG)

52/1A, Ballygunge Circular Road, Calcutta-700019

Phone: (91) 33 2461 4045/4047; FAX: (91) 33 2461 4048; E- mail: [insdag@rediffmail.com](mailto:insdag@rediffmail.com) , [insdag@cal2.vsnl.net.in](mailto:insdag@cal2.vsnl.net.in)

**Background:** Steel is the backbone of all industries and the basic ingredient for growth and development of a country. Traditionally, the fortunes of the steel industry have been linked to the economic cycle of the country. Per capita consumption of steel speaks volumes about the relative position of the country on the development frontier. In India the per capita consumption of steel (47 kg) stands low in compare to developed and developing countries. Moreover, steel is completely recyclable and thus environment -friendly. Hence, a large potential exists in furthering the usage of steel in various segments of industry.

Institute of Steel Development & Growth (INSDAG), a non-profit making member based organization established by the Govt. of India (Ministry of Steel) and the major steel producers of the country. Established in line with Steel Construction Institute (SCI), UK, the Institute primarily works towards the development of advanced design methodologies & technical marketing by expanding applications of steel in different segments of industry, upgrading skills & know-how, creating awareness amongst potential users and communicating the benefits of steel vis-à-vis other competitive materials etc. Our founding members include major steel companies like SAIL, TATA STEEL, JSW STEEL, RINL, Essar Steel, Ispat Industries and JSPL apart from the distinguished Govt. Bodies like Ministry of Steel. INSDAG has got very good networking among the member organisations/professionals for exchange of ideas. The Institute is registered as a "Society" under Societies Registration Act of West Bengal, with its registered office at Ispat Bhavan, 40 Chowringhee Road, Kolkata 700 071.

**Management of the Institute:** The Director General looks after the daily affairs of the Institute and Executive Council (EC) provides guidance and direction. Two other functional committees namely the Executive Committee of INSDAG (ECI) and Project Review Committee (PRC), provide administrative and technical guidance respectively. The Institute has defined its mission, role, and functions and has evolved its short, medium and long term Activity Plans.

**Role of the Institute:** The Institute primarily works towards the development of technology in steel usage and the market for the steel fraternity. Some of its roles are:

- Creating awareness amongst potential users about affordability and benefits of steel.
- Providing prompt advisory service on materials, construction practices, interpretation of codes etc. and creating an environment for better usage of steel by acquiring and disseminating knowledge about the best practices.
- Upgrading the skills of the work force by organizing refresher courses / training programmers and offering better technical know-how, design aids and teaching aids.
- Communicating the benefits of steel vis-à-vis other competitive materials, through life cycle cost studies, where required.
- Providing requisite thrust to increase steel consumption in rural areas.
- Assisting in the development of ancillary industries, which boost the usage of steel and creating new market for steel usage.

### Main Activities:

- Designing Steel intensive innovative Structures and Rural Housing
- Preparing guidebooks, directories, design aids and manuals
- Studying Life cycle cost & Revising steel related Codes and Standards
- Providing guidance on Corrosion and Fire issues & Helping in selecting and sourcing steel
- Providing education and training to professionals, faculties and students
- Conducting national level award competitions for professionals and students.
- Providing consultancy in Steel based design & Instituting various Award schemes
- Providing advisory services on interpretation of standards, construction techniques, cost-benefit analysis, best practices etc

**Technical Advisory:** Members can avail on-demand advisory services from INSDAG on: interpretation of standards; construction techniques; cost-benefit analysis; best practices; benchmarks; sources of supply; welding and corrosion protection etc. INSDAG has created advisory desk for prompt response and introduced e-advisory module on its website [www.steel-insdag.org](http://www.steel-insdag.org) for hosting steel related queries and obtaining replies from national experts in the fields.

**Publications:** INSDAG has published a library of books, design-aids and teaching-aids for easy access to information. INSDAG is publishing and circulating the latest developments in the construction and other steel consuming sectors through its technical journal-*Steel in Construction* and the in-house news bulletin-INSDAG NEWS. The Institute is also providing state of the art literature published by The Steel Construction Institute, UK through a copyright agreement for a selected list of documents.

### Membership Categories

- **Founding Member:** Large steel producing companies and the Govt. representatives, who conceived and promoted the institute, are the Founding Members. All organizations having integrated operation for iron and steel production from iron ore and its derivatives are its founding member.
- **Primary Member:** Large organization such as producers of steel, fabricators, developers, builders, companies engaged in construction, designers, consultants, specifiers, architects, design institutes, educational & research institutes, interior decorators, engineering firms etc. can enroll themselves as primary members.
- **Associate Members:** Firms, companies, undertakings, overseas firms interested in steel usage can become Associate Members. There are two types of Associate Membership viz. *Associate Members – A* :Larger organizations / firms with more than 15 employees and *Associate Members – B* :Registered SSI units / small establishments having a maximum strength of employees upto 15.

- **Institutional Member:** All India or State local Professional Institutes / Organizations / Boards / Associations etc. dealing with collection and dissemination of information, research and development, process upgradation, exploration of new resources etc. are eligible for membership of the Institute.
- **Individual Member:** Any professional having interest in steel application and in upgradation of knowledge can become individual member. Individual member may opt for annual or life, membership.
- **Honorary Member:** Eminent Professionals connected with steel industry or those who have rendered distinguished service to the interests of the Institute can be elected as Honorary Member by the Executive Council.
- **Student Member:** Student of Civil Engineering / Architecture / Mechanical / Metallurgical & other allied Engineering disciplines at under graduate / post graduation/ Ph.D level are eligible for Student Membership and one time subscription to be paid at every level (Graduation, Post Graduation & PhD).

### Subscription for Members

Categories	Annual Subscription
<b>Founding &amp; Primary Member :</b> Steel Producers	Re 1/Tonne of steel produced
<b>Primary Members :</b> Companies (Consulting/Engineering/Builders etc.) with turnover/income > Rs. 25 Cr < Rs. 25 Cr	Rs. 1.35 lakh Rs. 40,000
<b>Associates-A</b> Indian Organizations Overseas Organizations	Rs. 15,000 US \$ 3,000
<b>Associates-B :</b> Small Firms, SSI units--- Employee strength within 15	Rs. 8,000
<b>Institutional Members</b>	Rs. 10,000
<b>Honorary Members</b>	-
<b>Individual Membership</b> <b>Individual Life</b> (Age upto 40 years) <b>Individual Life</b> (40<Age<50 years) <b>Individual Life</b> (Age > 50 years)	Rs. 3000 (3 Years) Rs. 8000 Rs. 6000 Rs. 4000
<b>Student Membership</b>	Rs. 500

### Member Benefits & Discounts

	Founding	Primary	Associate -A	Associate -B	Institutional	Individual	Student	Honorary
Advisory Service on Phone / fax / email etc	Free	Free	Free	Free	Free	Free	Free	Free
Library Information Service	Free	Free	Free	Free	Free	Free	Free	Free
INSDAG Publications: Steel in Construction & INSDAG News	Free – 5 Copies each	Free 2/3 copies* each	Free – 1 Copy each	Free – 1 Copy each	Free – 1 copy each	Free – 1 copy each	Free – 1 copy once	Free – 1 copy each
Project Publications: Directories, Manuals, Design Aids, Handbooks, Conference Proceedings etc. Selected Copyright of SCI Publications	Free – 5 copies each Discount on Addl. Copies 35%	Free-2/3 copies* each Discount on Addl. Copies 25%	Free – 1 copy each Discount on Addl. Copies 10%	50% of published list, Free – 1 copy each Discount on Addl. Copies/remaining copies 15%	Free – 1 copy each Discount on Addl. Copies 15%	Free – Any 2 Publications Discount on Addl. Copies 20%	Free – Selected one Discount on other copies at 30%	
Technical Training / Seminars / Conferences / Workshops, etc.	Discount 20%	Discount 20%	Discount 20%	Discount 20%	Discount 20%	Discount 20%	Discount 20%	
Confidential Consultancy	Discount 30%	Discount 30%	Discount 20%	Discount 20%	Discount 20%	Discount 20%	-	
To be a member of Council of INSDAG	Permanent member	On election	On election	On election	On election	On election		

2 copies for members with Annual Subscription of Rs. 25,000/- and 3 copies for members with Annual Subscription of more than Rs.25, 000/-

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**Application Form for Membership**

Category of membership applied for .....

Name.....

Designation.....

Organization.....

Address.....

Phone..... Cell no..... Fax.....

Email.....Website Address: .....

Date of Birth ..... (In Case of Life Member / pl. submit doc)

(In case of student membership please indicate branch ,year ,Institute & residential address)

**Nature of Business** : (please mark the box)

Architect		Paint Manufacturer		Component Manufacturer	
Consulting Engineer		Software		Educational Institute	
Contractor		Specialist Sub-Contractor		Trade Assoc/Res Institute/lab	
General		Steelwork Contractor		Utility Company	
Engineering Design		Local/Central Government		Other (Please specify)	

**Subjects of Interest:** (please mark the box)

Advanced Analysis		Health and Safety		Construction	
Bridges		Modular Construction		Connections – Welds / Bolts	
Buildings		Seismic Engineering		Offshore Engineering	
Cladding		Piling/Foundation		Refurbishment	
Composite		Light Gauge		Special Structures	
Vibration		Tunneling		Stainless Steel	
Corrosion		Environmental Issues		Explosions/Hazards	
Fabrication & Erection		Fatigue		Fire Engineering	

I am enclosing herewith Annual Subscription of Rs.....for the year .....by demand draft/Cheque No.....drawn in favour of "Institute for Steel Development & Growth" payable at Kolkata.

Kindly enroll me as a member and issue me the receipt.

Signature

Date with seal:

Approve/Disapprove  
(Membership &Tech Advisory)