



*International Seminar on*  
**Nation Building through**  
**SHIPBUILDING**

25 - 26 July 2019

FICCI, Federation House, 1 Tansen Marg, New Delhi



Knowledge Partner



# International Seminar on Nation Building through SHIPBUILDING

25 - 26 July 2019

FICCI, Federation House, 1 Tansen Marg, New Delhi

## About the Seminar

Shipbuilding has a direct relationship with nation building. History informs us that every great maritime power has possessed a vibrant shipbuilding industry and has operated the best in class ships that have helped maintain a continued and unimpeded access to resources, commodities and markets that are considered as the vital pillars of a nation's economy. These ships, in their voyages, act as a living testimony to a nation's industrial capability and might.

A 'vibrant' shipbuilding industry contributes immensely to the economy and security of a nation since it directly impacts the national GDP. It generates a demand in both the upstream industries such as steel, aluminium, electrical machinery and equipment etc., and the downstream sectors such as infrastructure and services thereby becoming a multiplier for job creation upward of 36-50 times the shipyard strength.

India enjoyed a pre-eminent status in shipbuilding many years ago that denuded during the reign of the Mughal Empire and the British Rule. Post-independence, India's warship building capabilities was given an impetus by the visionary leadership of the Indian Navy with the indigenously designed and M/s GRSE built INS Ajay, a seaward defence boat in 1961 and the rest is now history. On the other hand, the merchant shipbuilding industry remained dormant with almost all ships being 'procured' from foreign shipyards since neither EXIM trade nor coastal/inland cargo was an important constituent of the national economy or security matrix.

In the last few years the Government of India have unleashed a slew of initiatives to promote shipbuilding and shipping in India. The shipbuilding industry was conferred 'infrastructure' status in 2016, a ship finance scheme was put in place and the sector was opened to 100% FDI, but, the industry is yet to gather momentum. As an illustration, India pays out about US\$ 50-60 billion for imports on foreign hulls, only 7% of Indian EXIM cargo is carried on Indian ships and the sector has not attracted any significant FDI yet and the India's mercantile fleet amounts to only 0.1% of the Global fleet. Currently, India is forced to relax cabotage as indigenous capacity to carry the potential cargo of more than 300 MMTPA coastal cargo is very limited. There is hence a lot of potential for the shipbuilding industry in India, provided it receives a greater support from the various user Ministries and departments of the Government as a national necessity.

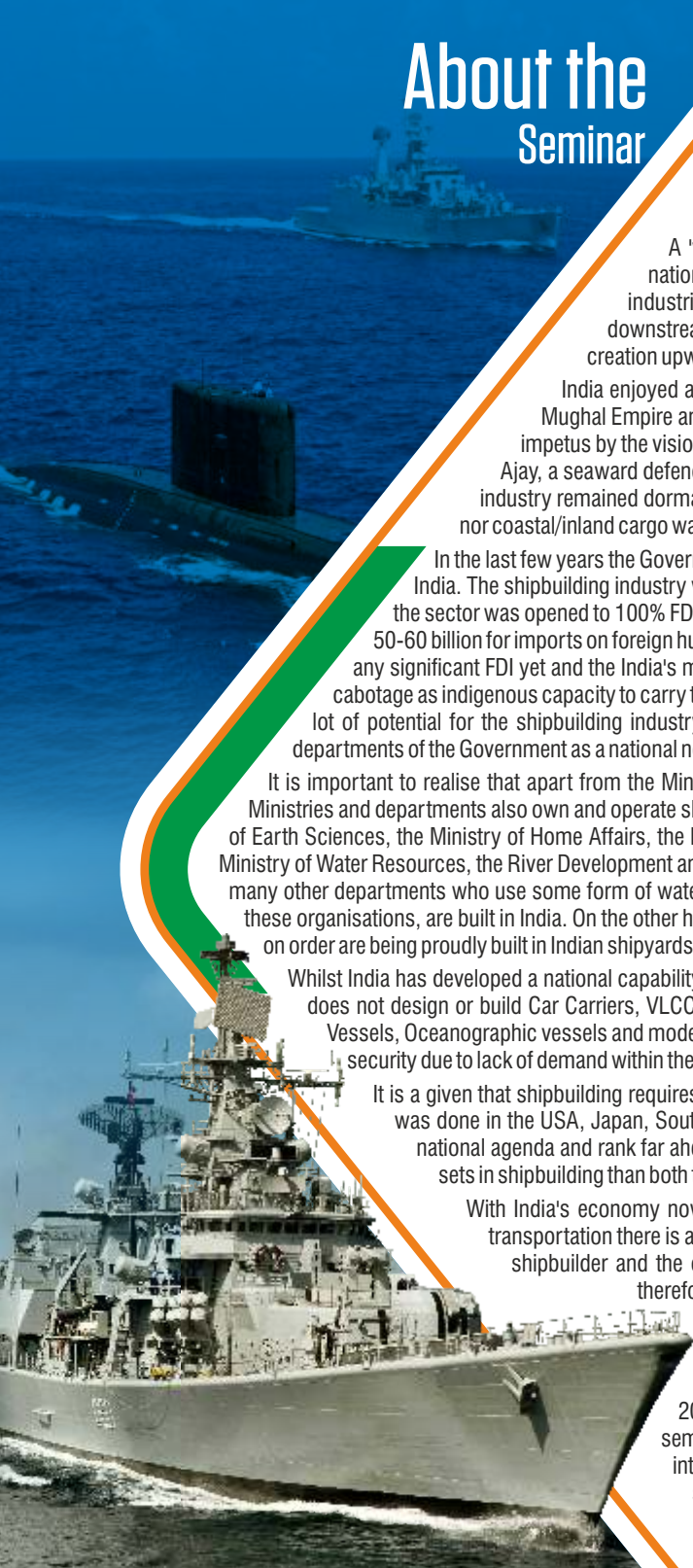
It is important to realise that apart from the Ministry of Defence (IN and ICG) and the Ministry of Shipping (SCI, DCI and IWAI) several Ministries and departments also own and operate ships. The other users include the Ministry of Agriculture and Farmers Welfare, the Ministry of Earth Sciences, the Ministry of Home Affairs, the Ministry of Tourism, the Ministry of Petroleum and Natural Gas, the Ministry of Coal, the Ministry of Water Resources, the River Development and Ganga Rejuvenation, the Ministry of Steel, the Ministry of Chemicals and Fertilizers and many other departments who use some form of water transport. Only a small proportion of the ships and crafts, by Gross Tonnage, used by these organisations, are built in India. On the other hand, India's warship building credentials matches global standards and today all 43 ships on order are being proudly built in Indian shipyards with an Indian design developed by the Directorate of Naval Design (DND), Indian Navy.

Whilst India has developed a national capability to design and build warships, nuclear submarines and aircraft carriers, it unfortunately does not design or build Car Carriers, VLCC Products and Crude carriers, Container ships, LNG ships, Dredgers, Deep Sea Fishing Vessels, Oceanographic vessels and modern riverine transports which are vital for the balanced growth of the economy and national security due to lack of demand within the country and hence the zeal to develop the required design and technology for these ships.

It is a given that shipbuilding requires strong government support for its initial growth and sustainability on the same lines as was done in the USA, Japan, South Korea and China. More recently, Vietnam and Philippines have put shipbuilding on the national agenda and rank far ahead of India in terms of shipbuilding, though India has better capacity, capability and skill sets in shipbuilding than both these countries.

With India's economy now being driven on a strong EXIM model and a revival of interest in coastal and inland transportation there is a definitive need to revisit the sector. India must regain its pre-eminent position as a master shipbuilder and the opportunity exists in terms of size, scale and scope, to make this a reality today and therefore should be seized.

With this background, FICCI in partnership with the Indian Navy is pleased to announce a two day International Seminar on "Nation Building through Shipbuilding" on July 25 – 26, 2019 at FICCI, Federation House, 1 Tansen Marg, New Delhi – 110 001. The objective of the seminar is to create a common platform for an informed debate on 'Shipbuilding' by international and national experts towards developing a synergistic national common strategy for shipbuilding, including both warships and mercantile marine.





## Seminar Sessions

Plenary 1: National Policy Framework for Shipbuilding

Plenary 2: Efficiency Enablers in Ship Design / Ship Construction

Fireside Chat on Nation Building Through Shipbuilding with Hon'ble Minister of Shipping

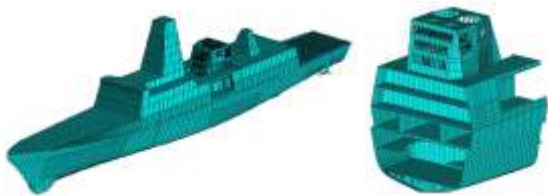
Plenary 3: Financing Shipbuilding

Plenary 4: New Considerations in Ship Design

Plenary 5: Developing Indigenous Vendor Base

Panel Discussion: Energising Shipbuilding - Way Forward

*(Agenda subject to change)*



## Technical Papers

FICCI invites officers of the Indian Navy, the Coast Guard, defence experts, innovators and the Industry to submit technical papers not exceeding 3000 words for publication. All papers will be scrutinized by an expert panel. The last date of submission of the technical papers is June 24, 2019. To submit your technical paper and for more information, kindly contact:

- Mr. Chiraag Samaddar (+91 9871684021)
- Mr. V Vaidhyanathan (+91 9811387780)

## Who should attend?

- Senior officers from the Indian Navy, and the Coast Guard
- Senior representatives from the Ministry of Defence, Ministry of Shipping, DRDO etc.
- Representatives of leading Indian and Foreign Defence Shipyards
- Representatives of Manufacturers of Shipbuilding Systems / Subsystems
- Defence Experts, Academia and Thought Leaders

## Association Opportunities

### SPONSORSHIP

Attractive Sponsorship opportunities are available to enhance company's visibility

For more information, kindly contact :

- Mr. Amar Singh Chandel (+91 85878 47371)
- Mr. Somendra Gautam (+91 9818928452)
- Mr. V Vaidhyanathan (+91 9811387780)

### Delegate participation

- Officials from Armed Forces, Government Organisations can join the conference as invitees.
- Members from the industry can attend the Seminar as Paid Delegate.
- For industry participation kindly use the registration form.



*International Seminar on*  
**Nation Building through**  
**SHIPBUILDING**

25 - 26 July 2019

FICCI, Federation House, 1 Tansen Marg, New Delhi

**Registration Form**

(Last date of registration: July 14, 2019)

**Delegate Fee Structure**

Category	FICCI Members	FICCI Non Members	Foreign Companies**
Indian Companies	INR 15,000/-*	INR 18,000/-*	USD 600/-
[*Inclusive of 18% GST]	[**not registered in India]		

I am interested to Participate as a Delegate

Name .....

Designation .....

Organization/Company .....

Address .....

.....

City ..... Pin ..... State .....

Telephone ..... Fax ..... Mobile .....

(With Country / City Code)

Email .....

Website .....

FICCI Membership Number .....

GST Number .....

Address registered with above GST Number .....

.....

Bank Details: RTGS / SWIFT Payment

Beneficiary Bank Name: YES Bank Limited

Beneficiary Bank Branch Address: 56, Janpath, Connaught Place, New Delhi - 110001

Beneficiary A/c No.: S.B.A/c No. 013694600000041

Name of Account Holder: Federation of Indian Chambers of Commerce and Industry

Type of Bank Account: Savings A/c

NEFT / IFSC / RTGS Code: YESB00001

MICR Code of Bank: 110532031

- Cheque / DD to be prepared in favour of 'FICCI' payable at New Delhi
- Please attach transaction reference details, if the payment is done online.
- No refund requests would be entertained once fee(s) has been received.
- Delegate & Registration Forms without payment will not be accepted.

Enclosed DD No. / Cheque No. \* / SWIFT\*\* .....

Dated ..... For INR .....

..... Drawn on .....

in favour of FICCI, payable at New Delhi.

**Kindly send your duly filled in 'Delegate Registration Form' to:**

**Mr. Amar Singh Chandel**  
 Senior Assistant Director  
 T: +91-11-23487276 | M: +91-8587847371  
 E: amar.chandel@ficci.com

**Mr. Somendra Gautam**  
 Senior Assistant Director  
 T: +91-11-23487276 | M: +91-9818928452  
 E: somendra.gautam@ficci.com

**Mr. V Vaidhyanathan**  
 Additional Director  
 T: +91-11-23487384 | M: +91-9811387780  
 E: v.vaidhyanathan@ficci.com

Defence & Aerospace Division  
 FICCI, Federation House, 1, Tansen Marg, New Delhi – 110001

Dated ..... Signature .....

*For multiple registrations, kindly use photocopy of this form*



*International Seminar on*

**Nation Building through**

**SHIPBUILDING**

**25 - 26 July 2019**

FICCI, Federation House, 1 Tansen Marg, New Delhi





## About Directorate of Naval Design (Surface Ship Group), Indian Navy

The early post-independence era saw the acquisition of ships from abroad to form the early composition of the Indian Navy. Our naval planners had the foresight and vision for the future growth of warship design and building in the country leading to the setting up of a Central Design Office in Sep 1964. This office later evolved into the Directorate of Naval Design (DND) in 1970, and in 1976, was upgraded to be headed by a Director General Naval Design (DGND). In the last five decades of indigenous design and warship building the Design Organisation has made several long strides to meet the growing aspirations of the Indian Navy for timely production of state-of-the-art warships embodying latest technologies. The Indian Navy's Design Directorate is possibly one of the few uniformed design organisation in the global scenario to possess self-sufficiency and self-reliance in warship design and construction capability to produce state of the art warships. Till date, 19 different types of designs ranging from small craft to destroyers have been designed by the Directorate of Naval Design, to which more than 90 warships have been built.

The Directorate has transformed over the years and it now holds a multi-disciplinary team of Naval Architects, Marine and Electrical Engineers working in tandem towards a singular goal of superior and challenging designs. DND has evolved into a unique organisational structure which is an amalgam of a project centric yet specialist groups based setup. The Specialists groups have developed expertise over the past many years and the experience in one project is seamlessly transferred onto the next. The Design Directorate has a vast specialist expertise in the fields of Forward Design & Stealth, Structural Design, Propulsion System Integration and Engineering System, Heating Ventilation and Air Conditioning, Ergonomics and Habitability and a well equipped Computer Aided Design Centre which has state of the art design tools such as Virtual Realty lab for design of Warships.



## About FICCI

Established 90 years ago, FICCI is the largest and oldest apex business organization in India. Its history is closely interwoven with India's struggle for independence, its industrialisation, and its emergence as one of the most rapidly growing global economies.

A non-government, not-for-profit organization, FICCI is the voice of India's business and industry. From influencing policy to encouraging debate, engaging with policy makers and civil society, FICCI articulates the views and concerns of industry, reaching out to over 2,50,000 companies. FICCI serves its members from large (domestic and global companies) and MSME sectors as well as the public sector, drawing its strength from diverse regional chambers of commerce and industry.

The Chamber has presence in 14 states and 10 countries. It provides a platform for networking and consensus-building within and across sectors and is the first port of call for Indian industry, policy makers and the international business community.



## About the National Maritime Foundation

Inaugurated on 15 February 2005 by Mr Pranab Mukherjee, who was then the Defence Minister of India (and who later held the office of the President of the Republic of India), the National Maritime Foundation (NMF), New Delhi, is India's sole think tank that concentrates, with unwavering focus, upon the entire gamut of matters maritime. While it is an autonomous think-tank, its intellectual and organisational development is supported by the Ministry of Defence and the Indian Navy. In the 13 years that have elapsed since its inception, the NMF has grown into an established intellectual institution with robust academic linkages within the country and overseas.



### Directorate of Naval Design (SSG)

A-33, Kailash Colony,  
New Delhi - 110048

T: +91-11 - 29230504 / 29230501

F: +91-11 - 29231325

E: [mail.dndssg@navy.gov.in](mailto:mail.dndssg@navy.gov.in)



### Federation of Indian Chambers of Commerce and Industry (FICCI)

Federation House, 1, Tansen Marg,  
New Delhi - 110001

T: +91-11-23487276/384 F: +91-11-23765333

E: [vivek.pandit@ficci.com](mailto:vivek.pandit@ficci.com); [v.vaidhyanathan@ficci.com](mailto:v.vaidhyanathan@ficci.com);  
[somendra.gautam@ficci.com](mailto:somendra.gautam@ficci.com)

W: [www.ficci.in](http://www.ficci.in) | [www.ficcidefence.in](http://www.ficcidefence.in)