

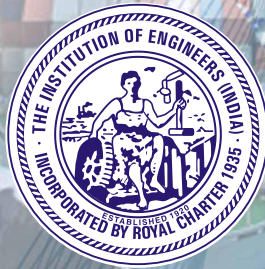
The Institution of Engineers (India)

*"98 Years of Relentless Journey towards
Engineering Advancement for Nation-building since 1920"*

32nd National Convention of Marine Engineers and National Seminar on "Indian Maritime Sector - An Ocean of Opportunities"

August 16-18, 2018

Organised by



**The Institution of Engineers (India)
TAMILNADU STATE CENTRE**

Under the aegis of
Marine Engineering Division Board, IE(I)
in association with



MARITIME FOUNDATION

Venue: "Samavesh Hall", HOTEL SAVERA, Dr. Radhakrishnan Road, Mylapore, Chennai 600004

ABOUT THE INSTITUTION OF ENGINEERS (INDIA):

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of more than 8.2 million. Established in 1920, with its headquarters at 8, Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only one professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 121 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

ABOUT TAMILNADU STATE CENTRE: The Tamil Nadu State Centre, established at Chennai in the year, 1922, is the most active centre in the country. Since its inception, It has been serving the society in general and the engineering community, in particular with the said objectives and plays a significant role in dissemination and proliferation of knowledge amongst its members. With a meager membership to start with, the centre has brought into its fold a large section of fraternity with a membership strength of Corporate than 24169 Corporate Members widening its horizon of technical activities and the centre has established fifteen Local Centres at Salem, Coimbatore, Ranipet, Madurai, Tiruchirappalli, Kalpakkam, Neyveli, Tuticorin, Hosur, Kanyakumari, Tirunelveli, Thiruvallur, Kanchipuram, Thanjavur and Erode to serve more professional groups.

ABOUT MARITIME FOUNDATION: Maritime Foundation founded in the year 1997 as a unit of Maritime Foundation Charitable Trust. Presently, conducts Pre Sea and Post Sea Courses in accordance with the Standards of Training, Certification and Watch Keeping (STCW) Convention. Maritime Foundation is committed to ensure that a prospective Seafarer is imparted with requisite Knowledge, Competence, Attitude and skills to be an efficient hand on board a merchant vessel. Towards this goal, Maritime Foundation specialises and conducts Pre Sea courses for Deck Officers, Engine Officers and Ratings. Also, STCW Modular Courses and Post Sea Courses along with Value Added Courses are conducted for Maritime Industry. Well-equipped Infrastructure, Workshops, Training Kits, working models, Simulators and Mock-ups along with the highly skilled & experienced faculty is the strength of the Institution. The Software division TECHFOSYS has developed an "Easy to Learn & Understand" tool for Engineering subjects and is continuously striving to improve this system.

ABOUT THE CONVENTION

PREAMBLE: Indian Maritime history goes back to the Indus Valley Civilization when active trade existed between India with Egypt and Mesopotamia. The Great Emperor, King Rajendra Chola of the Chola Dynasty extended the trade far and wide. His naval ships had sailed to South East Asia to Java, Sumatra and the Malay Peninsula. Indian Navy commemorated the 1000th year of King Rajendra Chola's coronation in 2014 with series of activities joining hands with the Indian Maritime Foundation and the Govt of Tamilnadu in memory of King Rajendra Chola as the greatest Naval Emperor of the world - as a symbol of National Unity and Indian Ocean as the zone of peace. This ancient India's cultural influence radiated its civilization, its art and literature leaving its deep mark on the races wholly diverse and scattered across greater part of south east Asia.

There are two geographical factors that put the Indian maritime sector at an advantageous position – the vast coastline of 7,500 km and the strategic location along most major shipping highways. For years, the maritime routes have been used for trade and a show of strategic strength. Today, the country boasts of a modern shipbuilding and shipping sector, replete with all the variables necessary for overall industrial growth. Combined, these factors provide a strong basis to attract big investments in the Indian maritime sector. Increased investments together with the 'Make in India' impetus can increase the sector's contribution to GDP and trade volumes. The government has launched a number of major initiatives such as the Sagarmala project, ports modernization and Inland Waterways & Coastal Shipping development. The increasing public-private partnership in response to these initiatives adds to the vibrancy of the sector and is a clear sign of resurged interest in its potential. What this also means is that public and private players are now more eager than ever to play a bigger role.

OBJECTIVE: The Indian maritime sector is poised to make great progress in the coming years. The maritime industry is constantly evolving and striving for increased innovation and India's maritime sector forges new opportunities for enabling the maritime sector's transformation, In order to analyse and throw light on the opportunities of the in the maritime sector and the various fields of Maritime Industry The Institution of Engineers (India), Tamilnadu State Center, and the organising committee of the National Convention & National Seminar, we extend a warm invitation to you and your organization to actively participate and support the 32nd National Convention of Marine Engineers and National Seminar on "Indian Maritime Sector – An Ocean of Opportunities" to be held at "Samavesh Hall", Hotel Savera, R.K. Salai, Chennai from August 16-18th August, 2018 and set the stage for active interaction and vigorous participation.

SEMINAR THEME:

"INDIAN MARITIME SECTOR – AN OCEAN OF OPPORTUNITIES".

PAPERS FOR PRESENTATION

- Shipbuilding & Design – Materials for fabrication & Equipment
- Commercial Ship Operations – Reliability, Safety & Optimisation.
- Naval Architecture & Ocean Engineering.
- Growth Amidst Modern Disruptive Technology & Energy Efficiency.
- Port & Terminal Management & Logistics.
- Supply Chain Management / Port Connectivity.
- Modern Technology & Environmental Effects.
- Coastal Shipping & India's Future Growth.
- Opportunities for Start-up Young Entrepreneurs.
- Marine Pollution Control & Environmental Protection.
- Marine Ports / Terminals – Private & Public Sector.
- Maritime Education & Training – Future Trend.
- Maritime Law & Intricacies of a Maritime Claim.

CALL FOR TECHNICAL PAPERS

Prospective authors are invited to submit their manuscripts reporting original research and recent developments in the topics related to the conference to reach the administrative office not later than **25th July, 2018**. Kindly submit the soft copy of the presentation material in word format to our office email id: **ieitamilnadu@gmail.com**

MEMBER / DELEGATE REGISTRATION

IEI Members	₹ 1500.00
Non IEI Members	₹ 2000.00
Research Scholars	₹ 1250.00
Students	₹ 1000.00

All rates above are inclusive of GST @ 18%.

SPONSORS (Names to be displayed prominently at the venue)

The Institution of Engineers (India) being a voluntary professional body, this All India Seminar has been organised on self-supporting basis. The organisers request the kind patronage from the various Governmental Organisations, Industries Private Sector Organisations, METs, R&D Institutions, Maritime Consultants, Trading Houses both private & public sector for the successful conduct of the event. We look forward to your wholehearted support by way of sponsorship / co-sponsorship / Advertisement that will help us conduct the event in a grand manner. We hope to hear from you confirming your participation and also present Technical Paper on latest developments in the Indian Maritime Sector / Ports / Terminals & Logistics and showcase your expertise. Looking forward to you receiving your confirmation.

The sponsors are entitled for free delegates, one full page advertisements, and display.

Platinum Sponsor	: ₹ 2,00,000 / (10 Free Delegates)
Gold Sponsor	: ₹ 1,50,000 / (8 Free Delegates)
Silver Sponsor	: ₹ 75,000 / (6 Free Delegates)
Sponsor	: ₹ 50,000 / (4 Free Delegates)

All rates above are inclusive of GST @ 18%.

SOUVENIR ADVERTISEMENTS

You may also give wide publicity of your products in our Souvenir that will be released on the occasion. The following are the advertisement rates:

- Outside Back Cover Page : ₹ 50,000/-
(Multicolor) (4 Free Delegates)
- Inside Front & Back : ₹ 35,000/-
Cover Page (Multicolor) (2 Free Delegates)
- Inside Full Page : ₹ 25,000/-
(Multicolor) (1 Free Delegate)
- Half Page (Color) : ₹ 15,000/-
(1 Free Delegate)

Above rates include GST @ 5%.

DATES TO REMEMBER

- Last date for submission of papers:
25th July, 2018.
- Inaugural Function
16th August, 2018 at 5.30 p.m.
- Technical Sessions (09.30 am – 05.00 pm)
17th & 18th August, 2018
- Valedictory Function (3.30 pm – 5.00 pm)
18th August, 2018.

REGISTRATION & PAYMENTS

All payments are to be made through crossed Demand Draft / Cheque / NEFT / Online Net Banking Transfer In favour of **"The Institution of Engineers (India), Tamilnadu State Centre"**. In case of NEFT / Online Net Banking transfer please mention the following

Beneficiary	The Institution of Engineers (India)
Name	: Tamilnadu State Centre
PAN No.	: AAATT3439Q
GST No.	: 33AAATT3439Q1Z1
Bank	: State Bank of India, PWD Complex, Chepauk, Chennai-600005.
Account No.	: 30978808105
IFSC Code	: SBIN0006489

TRAVEL & ACCOMMODATION

All delegates are advised to make their own arrangements for travel, boarding & lodging.

ACCOMMODATION AT VENUE

Single Room: Rs.4000/-nett Double Room: Rs 5000/-nett
Contact person for Hotel booking: **Ms Raji Benny**,
Marketing Executive, Hotel Saverah, Chennai.
Mobile: 9841079163 Email: reservations@saverahotel.com
marketing@saverahotel.com

Concessional rate: (up to 15th July 2018)

NATIONAL ADVISORY COMMITTEE

Chairman : **Mr Sisir Kumar Banerjee**, President, IE(I)
Co-Chairman : **Mr A K Mukherjee**, Chairman, MRDB, IE(I)
Convener : **Mr S Kannan**, Member, MRDB, IE(I) & Committee Member, Marine Engineering Division, IE(I), TNSC

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Dr M Velan, Council Member, IE(I)
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Mr C V Subba Rao, President, IMEI / Dy. Managing Director, Sanmar Shipping Ltd., Chennai
Mr A John Louis, I.A.S., Vice Chairman & Chief Executive Officer, Tamilnadu Maritime Board, Chennai

Rear Admiral Alok Bhatnagar NM, Naval Officer-in-Charge (TN& P)
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Mr Rinkesh Roy, Chairman & M.D., Kamarajar Port Limited
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Admiral B Kannan, CEO & M.D., L&T Shipyard, Chennai
Capt. R Venkatesh, CEO, DP World, Chennai
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Dr R Lakshmipathy, President, R.L. Institute of Nautical Sciences
Mr Sanjeev S Vakil, CEO, Hindustan Institute of Maritime Training
Mr P Jairaj Kumar, Chairman & M.D., Ocean Sparkle Ltd.,
Dr M A Atmanand, Director, National Institute of Ocean Technology
Prof Dr K M Sivakholundu, Vice Chancellor, Indian Maritime University, Chennai
Mr J S Kishore, Regional Vice President, Shipping Corporation of India

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Chairman : **Dr G Ranganath**, Chairman, IE(I), TNSC
Honorary Secretary : **Mr R Ramdoss**, Honorary Secretary, IE(I), TNSC
Convener : **Mr S Kannan**, Member, MRDB, IE(I) & Committee Member, Marine Engineering Division, IE(I) TNSC
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Mr Muthusamy Manikandan, Technical Director, V-Ships (India) Ltd.,
Mr Mani Lakshmanan, Ex.Project Manager, VCA Shipping, Houston
Mr R Ravindran, Professor, MSSA Maritime Academy
Commodore R S Vasan, IN (Retd), Center For Asia Studies
Mr Satish Rawat, Surveyor-In-Charge, India Register of Shipping
Mr K C Shivmanohar, CEO, Pacmar Shipping Ltd.,
Mr T B Srinivasan (Retd) Regional Vice President, SCI

Capt. R Venkat, CEO, Tradex Maritime Ltd.,
Capt. K P Rajagopal, Sr. V.P. Maritime, IL&FS
Capt. Vivekanand, Director, Nautical Studies, ADU Maritime Academy India
Capt. Ajay Gangadharan, Director, Maritime Foundation
Capt. M R Balasubramani, Asst. Vice President, India Cements Ltd.
Mr Durairaj, Deputy CME, Chennai Port Trust
Mr B Jayakumar, Secretary, IMEI(I), Chennai Branch
Mr V Mathew, Treasurer, IMEI(I), Chennai Branch

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Chairman : **Mr V Mohanan**, CEO, Maritime Foundation

Members:

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Mr S Rengaraju, Professor & HOD of HND Marine Engineering, AMET University, Chennai
Mr S S R Wayne, Ex.OSD Poompuhar Shipping Corporation Ltd.,

Mr G Ravee Praghash, Executive Engineer, TMB, Chennai
Mr Mani Lakshmanan, Ex. Project Manager, VCA Shipping, Houston
Mr R Ravindran, Professor, MSSA Maritime Academy

TAMILNADU STATE CENTRE COMMITTEE

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Honorary Secretary : **Mr R Ramdoss**, Honorary Secretary, IE(I), TNSC

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Dr S Muthu, Committee Member, IE(I), TNSC
Dr V Natarajan, Committee Member, IE(I), TNSC
Mr K P Ramanathan, Imm. Past Chairman, IE(I) TNSC
Mr D Sundarasekaran, Imm. Past Honorary Secretary, IE(I) TNSC
Mr M Kumar, Eminent Engineer, IE(I), TNSC
Mr A Pari, Eminent Engineer, IE(I), TNSC
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Mr R Ramanavasulu, Chairman, IE(I) Kalpakkam Local Centre
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CONTACT

Mr R Ramdoss
Honorary Secretary

Mr S Kannan
Convener

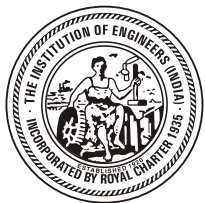
Mr K Shankar
Organising Secretary



The Institution of Engineers (India)
Tamilnadu State Centre

19, Swami Sivananda Salai, Chempauk, Chennai 600 005

Ph: 044-2536 0614 / 2536 9433 / 94440 19091 / 98405 79723. E Mail: ieitamilnadu@gmail.com, tnscc@ieindia.org



The Institution of Engineers (India)

Tamil Nadu State Centre

32nd National Convention of Marine Engineers and National Seminar on "Indian Maritime Sector – An Ocean of Opportunities"

August 16-18, 2018

REGISTRATION FORM

The Honorary Secretary

Institution of Engineers (India)

Tamilnadu State Centre

19, Swami Sivananda Salai

Chepauk, Chennai - 600005

Name Memb. No.

Designation

Organisation

Address for Communication

Phone: (O) (R) (Mob.)

Fax: Email

*DD / Cheque No. Dt. for Rs.

(Rupees

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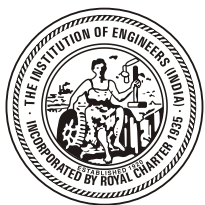
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The Institution of Engineers (India)

Tamil Nadu State Centre

32nd National Convention of Marine Engineers and National Seminar on "Indian Maritime Sector – An Ocean of Opportunities"

August 16-18, 2018

Thursday – 16th August, 2018 Inaugural Function (05.30 pm)

TECHNICAL SESSIONS

Friday – 17th August, 2018

09.30 a.m. – 11.00 a.m.	–	3 Papers
11.00 a.m. – 11.30 a.m.	–	Tea Break
11.30 a.m. – 01.00 p.m.	–	3 Papers
.....LUNCH		
02.00 p.m. – 03.30 p.m.	–	3 Papers
03.30 p.m. – 04.00 p.m.	–	Tea
04.00 p.m. – 05.00 p.m.	–	2 Papers

Saturday – 18th August, 2018

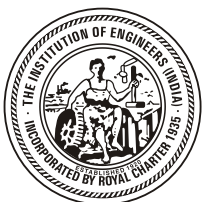
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11.30 a.m. – 01.00 p.m.	–	3 Papers
..... LUNCH		
02.00 P.M. – 3.30 P.M.	–	3 Papers
3.30 p.m. – 05.00 p.m.	–	Valedictory / Closing Function
05.00 p.m.	–	High Tea / Snacks

32nd National Convention of Marine Engineers and National Seminar on “Indian Maritime Sector – An Ocean of Opportunities”

August 16-18, 2018

Venue

“Samavesh Hall”, HOTEL SAVERA
Dr. Radhakrishnan Road, Mylapore, Chennai 600004



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Tamilnadu State Centre

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