FRP INSTITUTE INDIA

9th Mega Event of the Indian Composites Industry

INTERNATIONAL CONFERENCE AND EXHIBITION ON REINFORCED PLASTICS

ICERP 2019

10th-12th January 2019
BOMBAY EXHIBITION CENTRE, GOREGOAN, MUMBAI, INDIA

- EXHIBITION
- PRODUCT SHOWCASE
- PROCESS DEMONSTRATIONS
- CONFERENCE
- ICERP-JEC INNOVATION AWARDS
- SALES PRESENTATIONS
- BUSINESS MEETS
- NETWORKING PROGRAM
- JOINT VENTURES

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ICERP 2019 Indian Industry Outlook

Since the inception of the Composites Industry in India several decades back, it was the Indian Glass Fibre and Resin manufacturers who played a major role in its growth. They assumed the responsibility of Training Entrepreneurs, Supervisors and Floor Level Moulders. Equipping manufacturing units was also an initiative taken by them. Identifying Applications, Prototype Development and Awareness programmes with End Users led to Market growth accelerating to high annual percentages in years that followed. At the turn of the century International Resin Manufacturers also joined in and both healthy growth rates and increased End Use Applications took effect. It is estimated that around 3.50 lakh tonnes of Composites are being produced in India as of 2018.

According to global financial services World Bank and also IMF predictions, GDP growth in India is expected to accelerate to 7.4% in 2018-19 from 6.5% in this fiscal, shaking off disruptions from demonetisation and introduction of the Goods and Services Tax (GST). India's growth rate is further expected to accelerate over the coming years and is likely to improve further to 7.6% by 2019-20 as key sectors would revive from the implementation of GST and demonetisation.

The Growth Rate of the Composites Industry is related to National GDP and has followed a pattern of being higher than National GDP, since the Composites Industry is still to grow significantly. The growth rate of the Composites Industry can therefore be predicted to have a CAGR of around 8% per annum in coming years. Various Agencies have a somewhat varied approach to growth rates but the figure of 8% CAGR is seen to be realistic. It is important to observe that manufacturers of Glass Fibre in India have plans to set up or add to present installed capacity by around 1.50 lakh tonnes per Annum by 2020. Resin manufacturers will not be far behind. This will give a fillip to the Composites Industry both for manufacturing Capacities as well as for specialised Products that will be developed and introduced. Adding to these considerations is the growth in the demand for Carbon and Aramid Fibres and their end uses as well and the high Growth Rate for Epoxy Resin based composites.

Prominent growth in the use of Composites is are seen in the areas of Defence, Aerospace, Wind Energy, Alternate Energy, Telecommunication, Building and Transport. The GRP Pipe Line market is seen to revive. And most of all the Govt Policy and Slogan of “Make in India” is no cliché, but a positive Policy Statement. India's current requirements of Defence are catered to largely by imports. The opening of the Defence Sector for private sector participation will provide an incentive to foreign OE manufacturers to enter into strategic partnerships with Indian companies and leverage the domestic markets as well as aim at global markets. Composites feature prominently in several known Defence Applications.

The Indian Aerospace Industry is witnessing an unprecedented growth. Thus Composites manufacturers will have an enhanced and active role to play in catering to Defence requirements in India.

ICERP 2019 Exhibition

With a bright outlook for the ensuing future of the Composites Industry in India, an increased demand for Stalls and Booths at ICERP 2019 is anticipated. Exhibitors from Overseas are set to increase due to the predicted growth rate. With this in mind FRP Institute is laying a greater emphasis on Stall Layout, Display area and the area for Sales Presentations.

The Exhibition Area is targeted at over 9000m2 OR around 560 stalls in the unit area of 9m2. The Product Display will be around 1000m2 and The Sales Presentation area within the exhibition Area well provided.

The Stall and Booth Layout may be viewed on the Website for Early/Preferred bookings. Historically 70% of Exhibition Area is booked with a month of announcement.

ICERP 2019 Conference:

This Event will brings individuals and members of organizations from the International Composites Industry, for discussing matters of common Technical interest. The call for papers for the ICERP 2019 Academic Conferences targets the International Composites Community. The conference will target International Composites Technical Advances and Developments.

The Conference will focus on latest developments on Composites in terms of Raw Materials, Processes, Developments, Machinery with Case studies.
ICERP 2019 – JEC/FRP Institute Innovation Award Programme
Innovation refers to changing or creating dynamic products, processes, ideas or services and implementing them. Innovation leads to an increase in the likelihood of the business succeeding. FRP Institute has been inspired by JEC to join hands in holding this Award Programme at all its Bi-Annual Exhibitions and Conferences. The Indian Composites Industry has been motivated significantly through this Award Programme. ICERP 2019 will lay additional importance to this part of its activities.

ICERP 2019 Composite Product Displays
The Showcase Gallery has in recent ICERP events been acknowledged as a major attraction to Visitors and End Users of Composites Products in India. An area of about 1000 m2 will be provided for all Sections of the Composite Industry to display their Products with an emphasis on Innovative End Applications and End Uses.

ICERP 2019 Business Meetings
ICERP 2019 will provide a facility for interaction between Corporate, Medium Scale and SSI Composites Industrial Units. B2B meetings have been the highlight of this event. A meeting Hall equipped with necessary facilities and Secretarial Assistance will be provided. Space bookings may be made for high level B2B and B2C meetings.

ICERP 2019 Process and Machinery Demonstrations.
Practical viewing through Demonstrations enhances the Interaction between Manufacturers of End Products, Raw Material Manufacturers, Accessory Products and Machinery Manufacturers. A specially laid out area will be provided for Products, Processes and Machinery Demonstrations.

ICERP 2019 Sales Presentations
A feature of ICERP 2019 will be the provision of an allotted area and facility at the Exhibition Venue, for those from The Composite Industry, both from India and Abroad, who intend to give Presentations on their Products, Developments, Technology, Services, and Corporate Plans. The distribution of Literature and other Promotional or material will make these Sales Presentations more effective.

ICERP 2019 Tourism and Sightseeing in Mumbai
Mumbai is a Cosmopolitan City. It is the financial centre of India. Mumbai abounds in attractive Tourist spots which are easily accessible. Some of the places to visit are Marine Drive on the Seafront, Taraporewala Aquarium, Chattrapati Shivaji Maharaj Vastu Sangrahalya Museum (formerly The Prince of Wales Museum); Chattrapati Shivaji Rail Terminus- An outstanding Example of Victorian Gothic style- A UNESCO World Heritage Architectural masterpiece, Mount Mary's Church, MumbaDevi Temple, Flora Fountain, Sewree Jetty for viewing the Flamingos that migrate to Mumbai. In view of the range of Indian and Foreign Cultures that Mumbai is known for, are its vast array of Restaurants and Eating places catering to Indian, Continental and Oriental palates. It is a Gourmet's Paradise.
FRP Institute India

THE FRP Institute was constituted in 1999, to Promote the Indian Composites Industry, through various Services, Defined Activities, and Exchange of Information with Professional Organizations both Government and Private, Research Organizations and Educational Institutions in India and Overseas Participation at the Annual JEC France and JEC Asia events is a regular feature. International

visitors see India Pavilion as a source of information and contacts for opportunities in India.

A feature of ICERP 2017 was the participation of a group representing the Industry from Taiwan seeking business opportunities in India. A paper on the Indian Composites Industry was presented at JEC Asia in South Korea this year.

A select group of Indian participants will spread further awareness and pursue business opportunities at India Pavilion JEC 2018.

The initiatives that the Government of India has announced to Industry in India like the easing of FDI and other Fiscal Measures will foster innovation and growth, there is an identified need for FRP Institute to broaden its National Identity and Expand Its Activities through its range of Members comprising Fibber and Resin Manufacturers, Accessory Materials, Machinery Manufacturers, Research Organizations, Composites End Product Manufacturers, and End Users, and Academicians

Mumbai Office- FRP Institute: In India FRP Institute has expressed its intention to expand its activities by setting up a full-fledged office at Mumbai in addition to its Head Office at Chennai; Western India being the important focus of the Indian Composites Industry.

Technical Library: Work on setting up a Technical Library of Books, Magazines, Periodicals and Case Studies is under way, the facility will benefit Members and Visitors from the Industry. Specifications covering Composites released by The Bureau of Indian Standards will progressively form part of this facility.

Workshops and Seminars: A Calendar of Training Programmes and Workshops for Categories of Personnel in the Industry is being worked out; announcements will be made. It is also planned to organize Seminars where professional from the Composites and Allied Industries will be invited to deliver Papers.

Certification of Quality: FRP Institute sees the need to provide a forum to Update and Certify Quality Standards being followed by the Industry. It is intended to set up a separate body within the Institute for this purpose.

Membership to FRP Institute: With these and other activities being identified and implemented, Membership is invited. Membership Facilities, Plans and Terms will be communicated in India and Internationally.

Newsletter: A Regular Newsletter by FRP Institute will be part of the plan to disseminate information on various topics from India and Abroad.

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