



# NATIONAL CONFERENCE ON RECENT ADVANCES IN COMPOSITES

Composites: Materials for meeting the challenges



*Composites from India*

Date: 31<sup>st</sup> January & 1<sup>st</sup> February 2020 | Venue: ITC KOHENUR, Hitech City, Madhapur, Hyderabad



Jointly Organised by:



Telangana & Andhra Composites  
Manufacturers Association, Hyderabad



FRP Institute India  
Chennai



## The TAACMA

Telangana And Andhra Composites Manufacturers Association (TAACMA), is a registered society and ISO 9001-2015 certified Association with its over 300 members is the very active organization for the cause of developing composites activity since its inception in 2004. Organizing Conferences, Seminars, Workshops, Exhibitions & Visiting international Expos etc are its regular activities. TAACMA organised Composites Expo ICERP-2015 & organised National & International Conferences on Composites annually such as RACMA & NCRAC. NCRAC 2020 is 7th edition of our programmes. TAACMA lead delegations to various International Expos on composites including held at China, France, Germany, Malaysia & Singapore. TAACMA is now actively involved in developing a Composites Park for it's Cluster supported by Govt. of India, Govt. of Telangana and TSIIC, Hyderabad. TAACMA received last year the "Outstanding Association Award" from FATAPCCI through Honourable Minister for Labour & Employment Govt. of India, Shri Bandaru Dattatreya.

## FRP Institute

FRP Institute is a non profit professional society of the Indian Composites community founded in the year 1999, It has members from all over India and it works in close collaboration with the Industries and Institutions for upgrading the composites technology and to promote the growth of the Indian Composites Industry, FRP Institute organises training programmes, workshops on Composites, FRP Institute has successfully organised eight international events International Conference and Exhibition on Reinforced Plastics (ICERP) and has got the recognition of International composites fraternity. FRP Institute organises India Pavilion in leading composites expo to explore export opportunities for Indian Composites Companies.

## Patrons

The two day conference is supported by Telangana State Industrial Infrastructure Corporation (TSIIC) & Government of Telangana. TSIIC is supporting TAACMA by developing the composites cluster park near Hyderabad which can house around 55 MSME Composites manufacturing units along with World class Common Facilities Center. Ministry of MSME, Government of India is supporting the Cluster Infrastructure.

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**NCRAC 2020 :  
PROPOSED CONFERENCE  
TOPICS**

**I. MANUFACTURING  
TECHNOLOGIES & INNOVATIONS**

1. Carbon Fibre composites for non-aerospace applications.
2. Out of Autoclave manufacturing
3. Composites over moulding
4. Advances in Composites manufacturing
5. 3D Printing Technologies
6. Thermoplastic composites Technologies
7. Advances in composites. PU pultrusion
8. Composites for Infrastructure, Buildings & construction

**II. DESIGN, APPLICATION & MATERIALS**

1. Composites for UAVs & Drones
2. Design, Analysis and Simulation
3. Graphene / Carbon nanotubes
4. Natural Fibre Composites
5. Technical textiles in composites
6. New developments and opportunities in Solar energy.



**III. CORE SECTOR - OPPORTUNITIES**

1. Aerospace
2. Defence
3. Mass Transportation & Automotives
4. Power & Electrical

**IV. TESTING AND QUALITY CONTROL**

1. Safety – Fire, Peroxide handling VOC-SOP
2. Composites life monitoring, Prediction and Technology
3. NDT Technologies for Composites
4. QC, Testing – Standards & Certification
5. Analysis Technology for Composites Materials FT-IR, DSC, DMA, TMA

**V. OTHERS**

1. Recycling issue: Road map.
2. Developments/Opportunities in Wind Energy.
3. Technology Transfers – Collaborations
4. Composites for Waste water treatment and Pollution control Equipment.
5. Export opportunities
6. Cluster Program for MSMEs
7. Technology Development, Incubation and commercialization of Composites Products.



**TAACMA presents National annual awards including  
composites man of the year and life time achievement awards**

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For Registration Form & Other Information Visit : [www.ncrac2020.com](http://www.ncrac2020.com)

## ORGANISING COMMITTEE

- |   |   |   |   |
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