

Composites Industries National Conference and Exhibition 2024

Jointly Organized by | CECA ASIA – Composites Excellence Center of Asia | Ahmedabad University | IIT Gandhinagar | Nirma University | ATIRA – Ahmedabad Textile Industry's Research Association | SSME – Space Society of Mechanical Engineers (ISRO), Ahmedabad | Navrachana University | Pandit Deendayal Energy University | ASM International | iACE Gandhinagar 9 to 11 August 2024 at Ahmedabad University, Ahmedabad.

9 August 2024 - Day 1 Session Chair Dr. Manoj Sahani	
Registration	8:45 am onwards
Welcome by Dr. Manoj Sahani, PDEU Gandhinagar	9:30 am - 9:35 am
	9:35 am - 9:50 am
	9:50 am - 9:55 am
Address by the Guest of Honor Mr. Pawan Tyagi, Business Head, Reliance Industries Ltd, Composite	9:55 am - 10:10 am
Division	
Welcome to the Chief Guest by Dr. Manoj Sahani, PDEU	10:10 am - 10:15 am
Address by the Chief Guest Shri Nilesh M Desai, Director, SAC - ISRO, Ahmedabad	10:15 am - 10:45 am
Address by Mr. Pragnesh Shah, Director, ATIRA	10:45 am - 11:00 am
MOU signing between EPP Composites and Ahmedabad University	11:00 am - 11:10 am
"Making India the hub of composites manufacturing", Dr. R K Singh, Director, CECA ASIA	11:10 am - 11:20 am
Tea Break - 11:20 am to 11:45 am	
Keynote Speech by Professor Inderdeep Singh , IIT Roorkee on "Sustainable Composite Materials:	
Concept to product Realisation"	11:45 am - 12:15 pm
"Composite Development in Navrachna University" Dr. Hiral Parekh, Navrachana University	12:15 pm - 12:30 pm
"Role of PDPE in Growth and Development of Energy Sector" Dr. Vishvesh Badheka	12:30 pm - 12:45 pm
Presentation by Professor Milind Joshipura, Head, Chemical Engg Dept., Nirma University,	12:45 pm - 1:00 pm
Presentation by Dr. Harini S, IIT Gandhinagar, , Assistant Professor, Mechanical Engineering	1:00 pm - 1:15 pm
Presentation by Mr. Tejas Mehta, ASM International	1:15 pm - 1:30 pm
Lunch Break - 1:30 pm to 2:30 pm	
Presentation by iACE, Gandhinagar, Mr. Vinay Kathod, Head Training	2:30pm - 2:45pm
Panel Discussion - "Present Challenges and Future Ahead of Lightweight Composites Industries in India"	
Moderator - Dr. Piyush Gohil, M S University, Vadodara	
Panel Members - 1. Mr. Jitendra Trivedi - Member Governing Council, Composites Association	2:45 pm - 3:30 pm
2. Mr. Shri Naimesh Patel, Head, Optical Payload Mechanical Division, ISRO Ahmedabad	o p
3. Mr. Lalit Khatri - Director, Link Composites	
4. Dr. Hemant Chouhan, Ahmedabad University	
Tea Break - 3:30 pm to 3:45 pm	
"Non Destructive evaluation and inspection of composites - Trends and Advances" Dr. Shyamsunder	3:45 pm - 4:15 pm
Mandayam, VP, ISNT, Chennai	
	4:15 pm - 4:40 pm
Zafar, IIT Mandi	
	4:40 pm - 5:05 pm
Professor Raghu Raja Pandiyan K, NIT Warangal	
"Advancements and challenges in the development of lightweight structures for space applications" Mr.	5:05 pm - 5:30 pm
Vijay Kumar and Mr. Prempal, SSME, SAC (ISRO)	

10 August 2024 - Day 2 Session Chair - Shri Mukesh Sanghavi	
" Role of composite materials in space-borne payloads " $Mr.$ Nitin Sharma and $Mr.$ Prashant Kumar, SAC,	9:30 am - 10:00 am
ISRO Ahmedabad "Addititive manufacturing of composites" Prof Varun Sharma, Dept of Mech Engg, IIT, Roorkee	10:00 am - 10:30 am
"Acrylic Precursor for Carbon Fiber" Dr. T V Sreekumar, Director, The Bombay Textile Research	10:30 am - 11:00 am
Association (BITRA) Tea Break - 11:00 am to 11:15 am	10.50 am - 11.00 am
	11:15am - 11:45 am
"Challenges in Metal matrix composites processing and mass production" Dr. Bala Krishna Prabhu S , College of Engineering Guindy, Anna University, Chennai	
Panel Discussion - "The Role of Advanced Composites In Mass Transport" Moderator - Mr. Sameer Agrawal, Arvind Composites Panel Members	11:45 am - 12:45 pm
 Dr. Ankush Sharma, Scientist at ATIRA Ahmemedabad Dr. Mamta Saiyad, Associate Professor, Institute of Technology, Nirma University Dr. Sham Gurav, Ahmedabad University, Ahmedabad 	
4. Dr. Amit Arora, IIT Gandhinagar Company Presentation by AM Lubricants & Coatings Pvt. Ltd.	12:45 nm 1:15 nm
Lunch Break - 1.15 pm to 2.15 pm	12:45 pm - 1:15 pm
	2:15 - 2:45 pm
"Application of Composites in Disability Products" Prof. Sham Gurav, Ahmedabad University "Journey of Bullet Proof Jacket Development" Prof. Hemant Chauhan, Ahmedabad University	2:45pm - 3:15 pm
Tea Break - 3:15 pm to 3:30 pm	2.45pm - 5.15 pm
"Advanced Composites Materials: Application for a better today and tomorrow" Prof. Amit Arora, IIT,	3:30 pm - 4:00 pm
Gandhinagar " Palsule Process and Palsule Parameter for sustainable polymer composites " Dr. Sanjay Palsule, IIT , Associate Professor Roorkee	4:00 pm - 4:45 pm
"Role of Composites in Hydrogen Manufacturing" Mr. Ketan Pednekar, Scottish Development International	4:45 pm - 5:15pm
11 August 2024 - Day 3 Session Chair - Dr. Manoj Sahani	
"Composites in Automobile Manufacturing" Mr. Rajnikat Vijadwala, International Automobile Centre of	9:30am - 10:00am
Excellence, Gandhinagar "Composites in Hydrogen Economy" Mr. Muthuramalingam Krishnan, Gruntech Polymer Consultants,	10:00am - 10:30am
Chennai	
Panel Discussion by Young Composites Professionals - "Composites Industries : The Role of Young generation"	10:30am - 11:30am
Moderator: Mr. Prempal, SAC, ISRO	
Panel Members. 1. From IIT Gandhinagar, 2. From NIT Rourkela, 3. From IIT Bombay, 4. From PDEU 5. From ATIRA	
Tea Break - 11:30 am to 11:45 am	
"Application of Technical Textiles & Composites on sports and Recreation" Mr. Pradeep Kulshrestha	11:45am - 12:15pm
"Prediction of the natural frequency of multiwalled carbon nanotube-filled woven glass fibre and metal laminated structure using Artificial Neural Network" Mr. Dhaneshwar Sahu, NIT, Rourkela	12:15pm - 12:30pm
"Effect of Mineral Fillers on Mechanical and Dielectric Properties of Glass fiber reinforced polymer composites" Dr. Ankush Sharma ATIRA	12:30pm - 12:40pm
"Composite Material a boon for automotives" Mr. Rajesh R Kumathekar, President, Advantek Fuel Systems Pvt. Ltd.	12:40pm - 1:00 pm
Lunch Break - 1:00 pm to 2:00 pm	
"Additive manufacturing of high-density polyethylene-based natural fiber composite" Mr. Nitin Kumar Arya, PhD scholar, IIT Bombay	2:00 pm - 2:15 pm
"Effect of Particle Type Carboxyl Graphene-Coated Carbon Fiber via Electrophoretic Deposition on the Mechanical Properties of Epoxy Composites " Mr. Praveenkumar Jatothu, IIT Bombay	2:15 pm - 2:30 pm
"Effect of silane treatment on kapok fibre and mechanical properties of their reinforced composites" Mr. Ramyaranjan Das	2:30 pm - 3:00 pm
Tea Break -3:00 pm to 3:30 pm	
Tea Steak Gloopin to Gloopin	

Vote of Thanks 3:45pm - 4:15pm