

AICTE APPROVED STTP ON "COMPOSITES: FRACTURE TOUGHNESS, NDE & FAILURE ANALYSIS"

STTP - 1 : SCHEDULE

Session	Time	Day 1 - 17th Nov 2020	Day 2 - 18th Nov 2020	Day 3 - 19th Nov 2020	Day 4 - 20th Nov 2020	Day 5 - 21st Nov 2020	Day 6 - 22nd Nov 2020	
	9:00 am to 9:30 am	INAUGURAL FUNCTION						
Session 1	9:30 am to 11:00 am	<p>Dr. R. C. Prasad, Professor, PHCET, Rasayani An overview of the STTP on Composites: Fracture toughness, NDE & Failure Analysis</p> 	<p>Dr. Prakash D. Trivedi, Gharda Chemicals Mumbai Processing and Properties of High Performance Plastics</p> 	<p>Dr. Debdatta Ratna, Scientist-F, NMRL Ambernath Polymer matrix composites for Naval Applications</p> 	<p>Dr. R. C. Prasad, Professor, PHCET, Rasayani Fracture toughness and failure analysis of composites</p> 	<p>Dr. Raghu Prakash, Professor, IIT Madras Thermography and Computed Tomography Applications in Composites</p> 	<p>Prof. Chandrasekhar Yerramalli, Department of Aerospace Engineering, IIT Bombay Challenges in Design & Manufacturing of Composites</p> 	
Session 2	11:00 am to 12:30 pm	<p>Dr. Anasuya Roy, Founder, CEO, Nanosafe Solutions Private Limited Biomedical textiles and its composites as a powerful weapon for combating Covid-19</p> 	<p>Dr. Biswajit Panda, Professor, PCE Nanval Understanding of structure property relations in advanced polymer nano-composites</p> 	<p>Mr. Rimzath B., DIAB, Sweden Fabrication of Sandwich Composites and its Applications</p> 	<p>Dr. C. M. Manjunatha, Chief Scientist, NAL Bangalore Fatigue and Fracture of Composites</p> 	<p>Dr. Ravi Babu, CECRI, Tamilnadu 3D printing of Polymers & Polymer Composites</p> 	<p>Dr. Atul Bakare, Addl. Director, CEMILAC, Nashik Corrosion behavior of crack in thin aluminium structure repaired with asymmetric composite patch</p> 	
LUNCH BREAK								
Session 3	1:30 pm to 3:00 pm	<p>Dr. Rajkumar Kasilingam, Director, IRMRA Mumbai Advances in Polymer Technology, Nanotechnology</p> 	<p>Dr. Virendra Kumar Gupta, Head R&D & Senior VP, Reliance Research, Mumbai Advanced Polymers & Composites for high performance Applications</p> 	<p>Dr. Ajit Bhadankar, Chief of Lab, HAL, AURDC, Nashik Application of Composites in Fighter and Civilian Aircrafts</p> 	<p>Dr. Shyamsunder M., Former Principal Scientist, GE Research Former Senior Scientist, IGCAR, Kalpakam Chairman, National Certification Board, ISNT NDE of Composites - Trends and Advances</p> 	<p>Dr. Dattaji K. Shinde, Professor, VJTI, Matunga, Mumbai Effect of Electrospun Nanofibers and Carbon Nanotubes on the Properties of Polymeric Composite as a Functional Materials</p> 	<p>Prof. P. J. Guruprasad, Department of Aerospace Engineering, IIT Bombay Analysis of Interlaminar cracking of composite laminates</p> 	
Session 4	3:00 pm to 4:30 pm	<p>Dr. Shantanu C. Prabhune, L&T Mumbai Processing Composites at L&T Defence : An Industry Perspective:</p> 	<p>Shri. Kashinath Deodhar, Group Director, ARDE, DRDO R&D innovation on Hybrid Carbon-Glass Epoxy Gun Barrel for shoulder fired launcher</p> 	<p>Dr. Pooja Manoj Katkar, D.K.T.E.S Textile & Engineering Institute, Rajwade, Ichalkaranji Textile materials in manufacturing composites</p> 	<p>Dr. Shyamsunder M., Former Principal Scientist, GE Research Former Senior Scientist, IGCAR, Kalpakam Chairman, National Certification Board, ISNT NDE of Composites - Trends and Advances</p> 	<p>Dr. S. K. Panigrahi, Professor, DIAT, Pune Fracture Mechanics & Computational Methods for Damage Assessment in Composite for Defense Applications</p> 	<p>Dr. Praveer Verma, Scientist-F, DMSRDE, Kanpur Failure Analysis of Polymer Matrix Composites</p> 	
Evening Session 5	7:00 pm to 9:00 pm	<p>Prof. Shridhar Yariagadda, University of Delaware, USA Crashworthy Design of Composites for Automotive Applications</p> 	<p>Prof. Ramesh Talreja, Tenneco Professor, AAAS Science and Technology Policy Fellow, Joint Faculty in: Aerospace, Materials Science & Engineering, TEXAS A&M UNIVERSITY, USA Fatigue and Fracture of Composites</p> 	<p>Prof. Shankar Sastry, Christopher I. Byrnes Professor of Engineering, Washington University in St. Louis, USA Fracture Resistant Bio Composites</p> 	<p>Dr. Guruprasad Rao, Director & Mentor (Leadership Team) Imaginarium India Pvt. Ltd. 3D Printing of Polymers and Composites</p> 	QUIZ		<p>VALEDICTORY FUNCTION from 4:30 pm to 5:00 pm</p>