

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

STTP - 2 : SCHEDULE

Host for the event: Prof. R.C. Prasad

Co-host: Dr. G.V. Patil, Sunilising Rajput & Ameya More

Session	Time	Day 1 - 18th Jan 2021	Day 2 - 19th Jan 2021	Day 3 - 20th Jan 2021	Day 4 - 21st Jan 2021	Day 5 - 22nd Jan 2021	Day 6 - 23rd Jan 2021
	9:00 am to 9:30 am	INAUGURAL FUNCTION					
Session 1	9:30 am to 10:40 am	<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>Prof. Shankar Sastri, Christopher I. Byrnes Professor of Engineering, Washington University in St. Louis, USA Biomimetic Approach to the Development of Damage Tolerant Ceramic Composites</p> 	<p>Prof. Shridhar Yarlagadda, 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 Damage, Fatigue and Failure of Composite Materials: A Physical Modeling Approach</p> 	<p>Dr. Guruprasad Rao, Director & Mentor (Leadership Team) Imaginarium India Pvt. Ltd. 3D printing of Functionally Graded Materials- an Overview</p> 
Session 2	10:40 am to 11:50 am	<p>Dr. Virendra Kumar Gupta, Head R&D & Senior VP, Reliance Research, Mumbai Advanced Polymers & Composites for high performance Applications</p> 	<p>Dr. Shantanu C. Prabhune, AGM, L&T Mumbai Processing Composites at L&T Defence : An Industry Perspective:</p> 	<p>Dr. Divya Padmanabhan Professor, PCE Panvel Materials Development for Implants and Prosthesis</p> 	<p>Dr. Ramji Manoharan Department of Mechanical & Aerospace Engineering Adhesively Bonded Joints in Composite Structure</p> 	<p>Prof. Jaya B. Nagamani Department of Metallurgical Engineering and Materials Science, IIT Bombay Fracture Toughness Testing & Integrity Assessment of Composites Across Multiple Length Scales</p> 	<p>Dr. Ravi Babu, CECRI, Tamilnadu 3D printing of Polymers & Polymer Composites</p> 
Session 3	11:50 am to 01:00 pm	<p>Dr. Rajkumar Kasilingam, Director, IRMRA Mumbai Advances in Polymer Technology, Nanotechnology</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>Mr. Satyanarayan Joddabge Founder, Joddabge Associates Plastic Moulding Processes and Industrial Applications</p> 	<p>Dr. Manmohan Das Goel, Professor, VNIT Nagpur Processing and Properties of Metal Foams</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> 
Session 4	1:00 pm to 2:10 pm	<p>Dr. Dattaji K. Shinde, Professor VJTI, Matunga, Mumbai FEM of Nano engineered Composites & its Molecular Dynamics</p> 	<p>Prof. Chandra Sekher Yerramalli, Department of Aerospace Engineering, IIT Bombay Challenges in Design & Manufacturing of Composites</p> 	<p>Mr. Rimzath B., DIAB, Sweden Fabrication of Sandwich Composites and it's Applications</p> 	<p>Dr. Shyamsunder M., Former Principal Scientist, GE Research Former Senior Scientist, IGCAR, Kalpakkam Chairman, National Certification Board, ISNT NDE of Composites - Trends and Advances</p> 	<p>Dr. C. M. Manjunatha, Chief Scientist, NAL Bangalore Fatigue and Fracture of Composites</p> 	<p>Dr. R. C. Prasad, Professor, PHCET, Rasayani Fracture toughness and failure analysis of composites</p> 
Session 4	2:10 pm to 3:00 pm	<p>Concluding Remarks by Session Chairman and Feedback</p>	<p>Concluding Remarks by Session Chairman and Feedback</p>	<p>Concluding Remarks by Session Chairman and Feedback</p>	<p>Concluding Remarks by Session Chairman and Feedback</p>	<p>QUIZ TEST</p>	<p>VALEDICTORY FUNCTION</p>