

Schedule For 7 Days Training Program On “Material Characterization, Modelling and Finite Element Analysis” (22-28 August 2022)

Note: Minimum requirement of participants: 30 (Please submit along with their biodata- forms enclosed).

Day	Morning Session (10.00 am – 12.00 pm)	Afternoon session (1.30 pm – 4.00 pm)
Day 1 22/08/2022	Topic: Finite element modelling and analysis of Composite material structures	Hands on experience on _ Friction measurement Test Rig
	Resource Person: Dr. P. Ravinder Reddy Professor, CBIT Hyderabad	Resource Person: Dr. K.Satyanarayana Associate Professor, GRIET Hyderabad
Day 2 23/08/2022	Topic: Material testing and characterization for sheet metal forming processes	Hands on experience on _ BISS Equipment SR/S3/MERC/0129/2012 & CRG/2020/001450
	Resource Person: Dr. Nitin R. Kotkunde Assistant Professor, BITS Hyderabad	Resource Person: Dr. K. Satyanarayana Associate Professor, GRIET
Day 3 24/08/2022	Topic: Material Characterisation by Scanning Electron Microscopy	Hands on experience on _ SEM Equipment SR/FST/College-029/2017
	Resource Person: Dr. A K Singh Professor, GRIET	Resource Person: Dr. K. Satyanarayana Associate Professor GRIET
Day 4 25/08/2022	Topic: Processing & Characterization of Engineered surfaces	Topic: Surface Engineering for Life Enhancement of Aerospace Applications
	Resource Person: Dr. L. Rama Krishna Scientist ‘G’, ARCI Hyderabad	Resource Person: Dr. V. Krishna Scientist ‘E’, ARCI Hyderabad
Day 5 26/08/2022	Visit to ARCI	Visit to ARCI
	Coordinator: Dr. K. Satyanarayana Associate Professor, GRIET	
Day 6 27/08/2022	Topic: Finite Element Studies on formability of AISI316L Steel	Hands on experience on _ EDAX Equipment SR/FST/College-029/2017
	Resource Person: Dr. Swadesh Kumar Singh Professor, GRIET	Resource Person: Dr. K. Satyanarayana Associate Professor, GRIET
Day 7 28/08/2022	Topic: Characterization of Solar Cells	Hands on experience on _ Core scan SR/FST/College-029/2017
	Resource Person: Dr. T Suresh Kumar Professor, GRIET	Resource Person: Dr. T Suresh Kumar Professor, GRIET

LUNCH BREAK
(12.00 pm – 1.30 pm)

Training Program Coordinators

Dr. Swadesh Kumar Singh & Dr. K. Satyanarayana

Project Investigator, STUTI:

Prof. Balla Srinivasa Prasad



Organised At Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad-500090
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