

Report of the 5 Day FDP on “Recent Advances in Mechanical Engineering”

Title Five Day Online FDP on “Recent Advances in Mechanical Engineering”

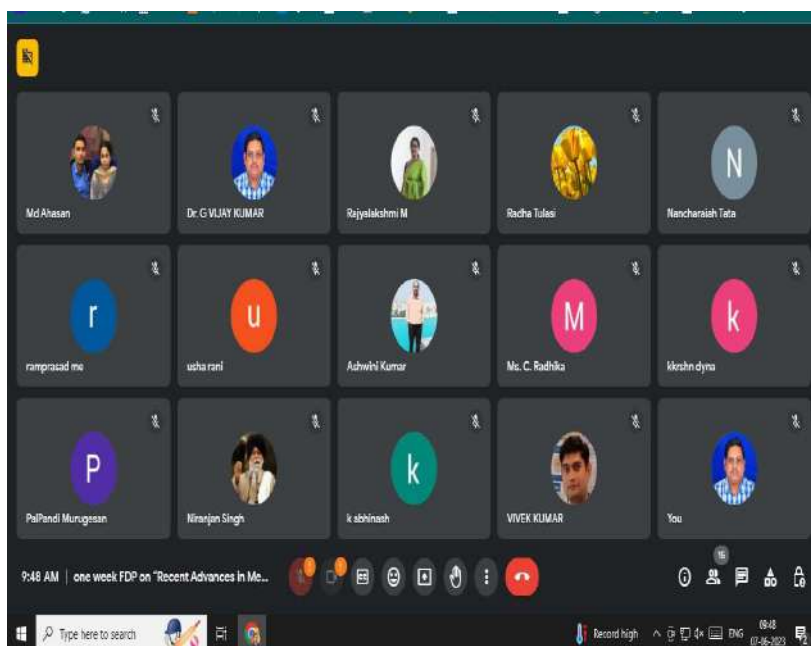
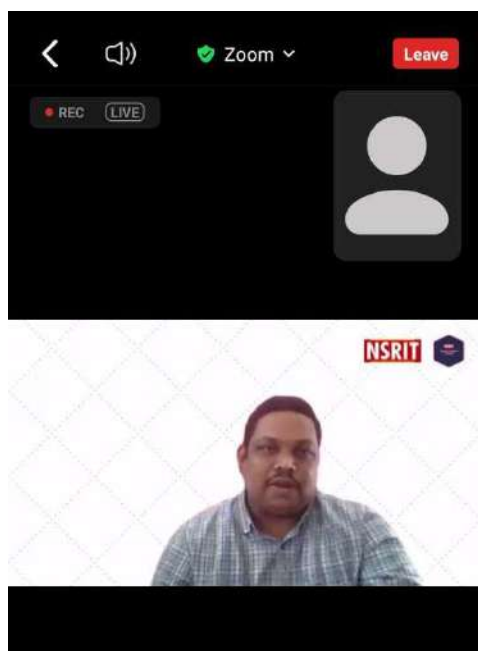
Dates: 5th June to 9th June 2023

Mode: online mode (zoom, google meet)

Conducted by: Department of Mechanical Engineering

Number of Participants: 103

FDP organizing online mode throughout 5 days (5th June to 9th June 2023)



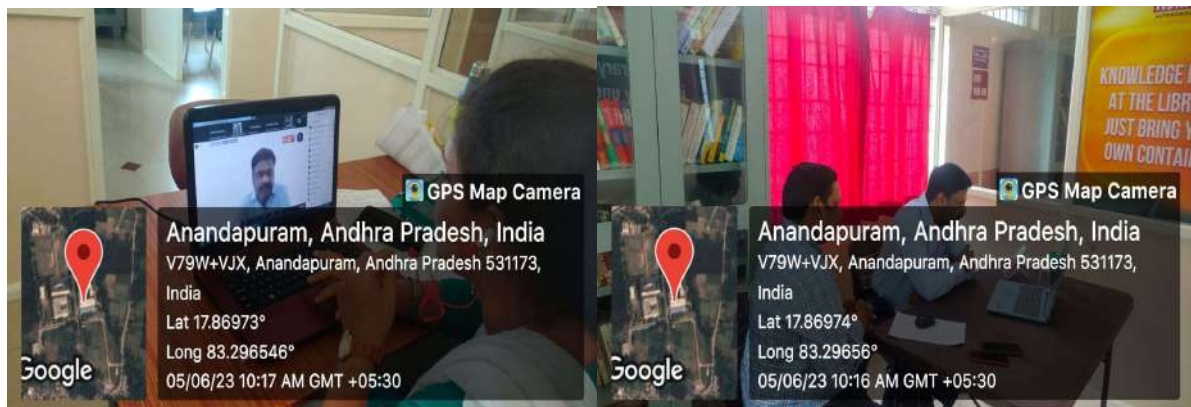
Dr. G. Vijay Kumar, Coordinator addressing the participants during Inaugural session



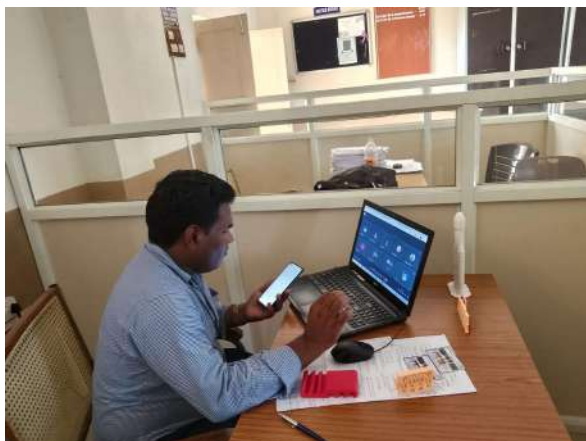
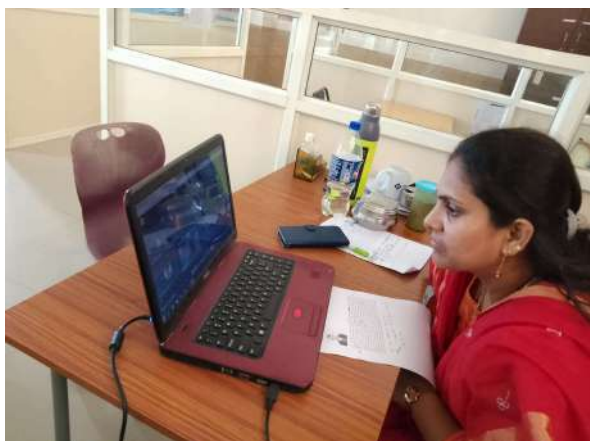
Dr. J. Raja Murugadoss, Director addressing the participants during Inaugural session



Dr. P.N. E. Naveen, HoD addressing the participants during Inaugural session



Geo-Tag photographs during Inaugural session



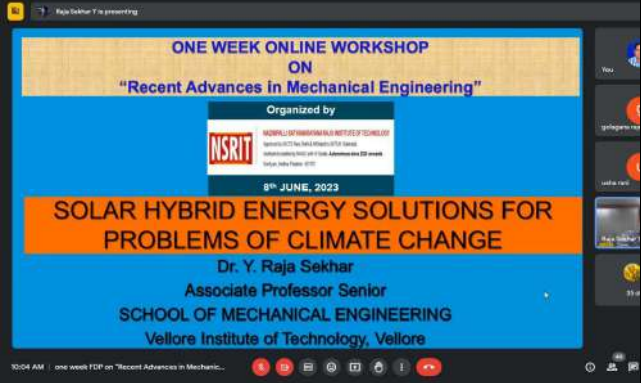
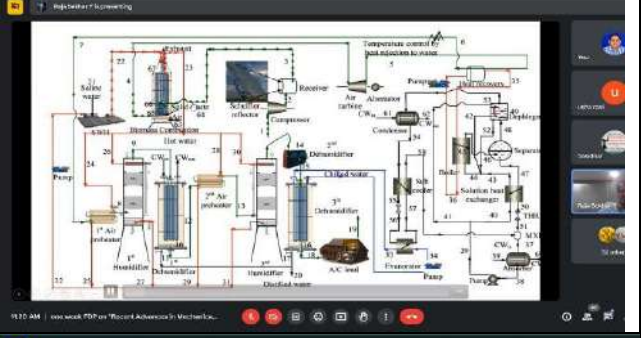



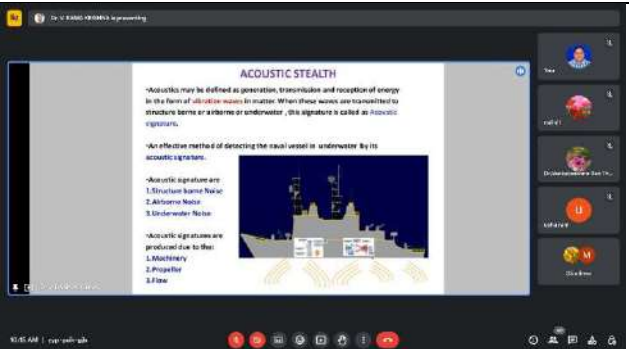

Introduction of speakers



Geo-Tag photographs during last day of FDP

Day	Date	Resource person	Topic	Photo
1	5/6/23 Session 1	Dr. Kishore Babu N Dept. of Metallurgical & Material Engineering , NIT, Warangal	Physical metallurgy and welding of Ti alloys	
2	5/6/23 Session 2	Dr. Ramesh Rudrapati Department of industrial Engineering , Bule Hora university, Ethiopia	Industry 4.0 prospects and challenges leading to smart manufacturing	
3	6/6/23 Session 3	Dr. K S S Harish Dept. of Mechanical Engineering NIT-Tiruchurappalli	Refrigerants and their applications	
4	6/6/23 Session 4	Dr. B. Raghu Kumar Dept. of Mechanical Engineering PVP Siddhartha, Vijayawada	Vibration based condition monitoring of rotating equipment using machine learning	

5	7/6/ 2023 Session 5	Dr. Somashekhar S. Hiremath Department of Mechanical Engineering IIT Madras, Chennai	Micromachining: Technology for miniaturization of products and processes	
6	7/6/ 2023 Session 6	Dr. Sarath Babu University of Glasgow, UK	Thermal energy storage systems	
7	8/6/2023 Session 7	Dr. Y. Rajasekhar Dept. of Mechanical Engineering VIT-Vellore	Solar hybrid energy systems	
8	8/6/23 Session 8	Session 8: Mr. Aditya Kottapalli M.Tech-IITM, (Pursuing Ph.D at IISc-Bangalore)	Atmospheric and climate sciences mechanical Engineering perspective	
9	9/6/2023 Session9	Dr V Rama Krishna Scientist-F, NSTL, DRDO Visakhapatnam	Prediction and control of underwater marine propeller noise	

10	9/6/2023 Sessions 10	Mr.R Harish GM- Jindal Saw Ltd, Gujarat Technical Head & Industry Faculty SYNERGEM	Quality Assurance in Mechanical Industries	
11	9/6/2023 Session 11	Dr. Naresh Yarramsetty Dept. of Mechanical Engineering NIT, SURAT	Thermal management of electronic devices	
12	Final Quiz was conducted for 20 minutes by giving 20 multiple choice questions & Post FDP Feedback was collected. Feedback was also taken through google forms and E certificates were distributed though participants registered mail conveyance.			

The 5 Day online FDP “Recent Advances in Mechanical Engineering” 5th June to 9th June 2023. On behalf of Department of Mechanical Engineering, we sincerely thank our secretary sir Dr. N. Prasada Raju, Director, Dr. J. Raja Murugadoss, HoD- Dr. P N E Naveen, for their encouragement and support, all the resource persons for delivering quality content. Finally, special thanks to all the participants for their punctuality and dedication in acquiring knowledge in this FDP.

Coordinators

HOD ME