

Day 1 Wednesday 4th Dec 2024

Session	From	To	Topic	Presenter
Conference and Exhibition Innaguration	9.30	11.00		
HI Tea	11.00	11.30		
Plenary Sesssion	11.30	13.00	Coordinator: Udayan Pathak FASM	
	11.30	12.00	An Overview of Surface Engineering: Techniques, Appllications and Advances.	Dr. R K P Singh
	12.00	12.30	Promises in the Kaleidoscope of Coatings and Surfaces	Dr T Sudarshan
	12.30	13.00	Recent Advances in Thermal Spraying to Enable a New Generation of Functional Coatings.	Dr Shrikant Joshi
Lunch & Visit to Exhibition	13.00	14.00		
Women's Special Session	14.00	15.30	Sesssion Chair: Jaswandi Gotmare	
	14.00	14.20	Nitriding process optimization for high-speed diesel fuel injector nozzle	Madhuri Thombre Cummins
	14.20	14.40	Oxidation coatings life extension in gas turbine blades	Dr Dheepa Srnivasan Ramaih University
	14.40	15.00	Harnessing AI : Practical Applications & Steps to get started	Dr. Manisha Nene
	15.00	15.20	Design of heat treatment Fixtures	Surbhi Nagar, Yogesh Dandekar,
	15.20	15.30	QA Sesssion	
Break	15.30	16.00		
Session II	16.00	17.30	Session Chair: Dr Sanjay Arole	
	16.00	16.20	Distortion Control in case hardened gears by Low Pressure carburising	Anant Andhale
	16.20	16.40	Residual Streeses in case herdened materials	Dr. O P Mohanty
	16.40	17.00	Cryogenic Treatment of Die Steel	Dr R K P Singh
	17.00	17.20	Design of Inductors for Crticial parts	Udayan Pathak
	17.20	17.30	QA Sesssion	
Break	17.30	18.00		
Session III	18.00	19.10	Session Chair: Ruta Barve	
	18.00	18.20	Plasma Nitriding & Plasmaa Asssisted CVD	Martin.Strutzenberge r@rubig.com
	18.20	18.40	X-Raying the journey of Metals –from processing to Treatment”	Dr. Anand Tadas
	18.40	19.00	Advancements in Material Science	Palaniappan Muthaiah
	19.00	19.10	QA Sesssion	
Visit to Exhibition	19.10	20.00		
Networking Cocktails & Dinner	19.30	22.00		

Day 2 Thursday 5th Dec 2024				
Session	From	To	Topic	Presenter
Session IV	9.30	10.40	Session Chair: Dr. Raju Kadam	
	9.30	9.50	Advances in Heat Treatment Technology – Addressing Energy and Climate Concerns	Abhijeet Banerjee
	9.50	10.10	HVAF and Advanced Thermal Spray Technology	Dr D A Karandikar
	10.10	10.30	Use of AI ML in Material Science	Dr Satyam Sahay
	10.30	10.40	Q A	
Break	10.40	11.10		
Session V	11.10	12.40	Session Chair: Mr N Kalyan	
	11.10	11.30	Surface Engineered self-lubricating coatings for demanding applications	Bojan.Podgornik
	11.30	11.50	Diamond Like Carbon Coatings	Dr. Atul Kulkarni
	11.50	12.10	Metallography techniques, machine selection, case studies	Y S Gowaikar
	12.10	12.30	Introduction to CQI-9	Deepak Kulkarni
	12.30	12.40	Q A	
Lunch & Visit to Exhibition	12.40	14.00		
Session VI	14.00	16.00	Session Chair: Ms Manisha Kulthe	
	14.00	14.20	Vacuum Carburising	Gudekar (TML)
	14.20	14.40	Gaseous Ferritic NitroCarburising with Post Oxidation	Abhishek Sharma
	14.40	15.00	Practical Aspects of case hardened gears	P M Kulkarni
	15.00	15.10	Q A	
	15.10	16.00	Open House	
Validictory Fucntion	16.00	16.30		
Hi Tea & Disperse	16.30	17.00		