

CONFERENCE SCHEDULE

DAY 1



Schedule - Day 1 (05 December 2024)				
Time	Duration (mins)	Session Chair	Topic	Speaker
09:30 AM - 09:50 AM	20	Prof. K. Narasimhan	Inauguration	Chief guest Dr. Santosh Kumar
09:50 AM - 10:30 AM	40		Rasquinha Memorial Lecture	
10:30 AM - 11:00 AM	30	Tea Break		
11:00 AM - 11:40 AM	40	Prof. D Ravi Kumar	Stamping and BiW process simulation empowers Quality Inspection.	Dr. Bart Carleer
11:40 AM - 12:20 PM	40		Application and part driven forming developments	Mr. Sanjay Saha
12:20 PM - 01:00 PM	40		Driving Metal Forming Efficiency: Leveraging Stamping Simulation Environment to Power Smart Manufacturing	Mr. Sushil Mane
01:00 PM - 02:00 PM	60	Lunch Break		
02:00 PM - 02:40 PM	40	Prof. Prashant P Date	Reconfigurable Tooling for Sheet Metal Forming	Prof. N Venkata Reddy
02:40 PM - 03:20 PM	40		Role of New Manufacturing Processes and Simulations for Future Mobility	Mr. Rahul K Verma
03:20 PM - 03:50 PM	30	Tea Break		
03:50 PM - 04:30 PM	40	Prof. Sushil Mishra	Technical Challenges in scaling up the production of large size stampings	Mr. Avinash Khare
04:30 PM - 05:10 PM	40		Innovative and cost-effective strategies for addressing Manufacturing Challenges Case Study: Extra long Longitudinal Members for Commercial Vehicles	Mr. Jay Narayan Singh

CONFERENCE SCHEDULE

DAY 2



Schedule - Day 2 (06 December 2024)				
Time	Duration (mins)	Session Chair	Topic	Speaker
09:20 AM - 10:00 AM	40	Prof. Hariharan K	An overview of the NIST Center for Automotive Lightweighting (NCAL)'s ongoing research efforts in metal forming	Dr. Dilip Banerjee
10:00 AM - 10:40 AM	40		Tailor-made solution for lightweight construction with hot forming	Mr. Ramandeep Singh
10:40 AM - 11:20 AM	40		Enhancing Product Design & Part Process through structured Formability Analysis.	Mr. Rajesh Patole
11:20 AM - 11:50 AM	30	Tea Break		
11:50 AM - 12:30 PM	40	Prof. S K Panigrahi	Formability assessment of Cu-0.5Cr-0.05Zr-0.05Ti alloy sheet and post-forming characterization for space application	Prof. Sushanta Kumar Panda
12:30 PM - 01:10 PM	40		Enhancing Productivity and Cost Efficiency in Stamping Sheet Metal Dies through Scrap Shedding Simulation	Mr. Vasu . P
01:10 PM - 02:10 PM	60	Lunch Break		
02:10 PM - 03:10 PM	60	Mr. Avinash Khare	Panel Discussion	
03:10 PM - 03:50 PM	40		From Welded Sheet Metal to Steering Shaft: Technical Insights into Rotary Swaging and Axial Forming	Mr. Peter Karch
03:50 PM - 04:15 PM	25	Tea Break		
04:15 PM - 04:55 PM	40	Prof. Rakesh Lingam	Challenges in sheet metal part forming process its cause and mitigation methods	Mr. Satyanarayana Bhat
04:55 PM - 05:35 PM	40		Innovative Case study of spring back in High Tensile part and compensation the spring back in skin panel (Side Hood)	Mr. Manoj Nassa
05:35 PM - 05:50 PM	15	Valedictory		