



SCHOOL OF MECHANICAL ENGINEERING & CAREER DEVELOPMENT CENTRE
Industry-Academia Networking Conclave - February 03 & 04, 2023

PROGRAMME SCHEDULE - INAUGURAL SESSION

Day 1: 03 February 2023

Event	Description	Time	Venue
Inauguration	Inaugural Session and Signing of MoU	10:00 a.m.- 11:00 a.m.	Anna Auditorium
	Poster Presentation & Tea Break	11:00 a.m. -11:15 a.m.	CS Hall
	School Presentation by Associate Dean (SMEC)	11:15 a.m. -11:30 a.m.	Anna Auditorium
Panel Discussion	<p>Topic of Discussion</p> <ul style="list-style-type: none"> Emerging Technologies for a Sustainable Future Bridging the gaps between industry and academia for effective networking <p>Panel Discussion Members</p> <ul style="list-style-type: none"> Dr. Arunvel – Saint Gobain, India Mr. Sivakumar Selva Ganapathy – Johnson Controls India Mr. Deepankar Bhattacharya - Autodesk India Pvt. Ltd. Mr. Rabindra Sah – Tata Technologies Pvt. Ltd. Dr. Thangasivam Gandhi – Danfoss India Mr. Shreyas Seethapathy – Ather Energy India Pvt. Ltd. <p>Moderator: Dr. R. Vasudevan , VIT Vellore</p>	11:30 am to 1:00 pm	Anna Auditorium
LUNCHEON MEETING			
PLENARY SESSIONS (2:00 p.m. – 5:00 p.m.)			
HONEYWELL IDEA-A-THON / DESIGN-A-THON (2:00 p.m. – 6:00 p.m.)			
CONCLAVE DINNER – 7:00 p.m. onwards			



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PROGRAMME SCHEDULE - PLENARY SESSIONS

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Theme	Topic	Organization	Speaker	Time	Venue
Digital Manufacturing	Honeywell Technology Focus Areas	Honeywell Technology Solutions	Mr. Shunmugavel Madasamy Director	2:00 p.m. – 2:50 p.m.	Dr. Chenna Reddy Auditorium
	Elements of Digitalization & Robotics in Manufacturing	L & T Heavy Engineering	Mr. Naveen Jaiswal Head - Design QA	3:00 p.m. – 3:50 p.m.	
	Digital Transformation in Design and Manufacturing	AUTODESK	Mr. Anand V Pujari Education Account Manager	4:00 p.m. – 4:45 p.m.	
	Simulation Capability of Hyperworks Software in Digital Manufacturing	CAE Centre DesignTech Systems	Mr. Prabhu Sundararajan Sr. Manager – Technical Support	4:45 p.m. – 5:30 p.m.	
Industry 4.0 and Automation	Top-10 Technology that shapes the future of mobility	Tata Technologies	Mr. Rabindra Sah, Chief Engineer, Strategic Projects	2:00 p.m. – 2:50 p.m.	CDMM303
	Biomimicry in Engineering	Renault Nissan	Mr. Thanigai Arasu Govinda Swamy Deputy Manager	3:00 p.m. – 3:50 p.m.	
	Industry 4.0 and Digital Twins	Renault Nissan	Mr. Vishnu Vyasan Sr. Engineer	4:00 p.m. – 4:45 p.m.	
	Digital Twins in the era of Industry 4.0	Mathworks	Dr. Souvick Chatterjee Sr. Team Lead	4:45 p.m. – 5:30 p.m.	
Sustainability in Manufacturing	Implementing Industry 4.0 in manufacturing and Need for People development for manufacturing excellence	IMTMA	Mr. M. Krishnamoorthy, Senior Director	2:00 p.m. – 2:50 p.m.	CDMM304
	Isuzu Monozukuri – Isuzu way	Isuzu	Mr. Manoj Kumar Deputy Manager Mr. Vignesh Ashokan Assistant Manager	3:00 p.m. – 3:50 p.m.	



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	Role of Engineering Simulation in Product Development	Danfoss	Mr. Veeranagouda Patil CFD Engineer	4:00 p.m. – 4:45 p.m.	
	Upcoming trends in CAE	Ford Motors	Mr. Raudhraa Sundaresh Sr. Engineer CAE	4:45 p.m. – 5:30 p.m.	
Autonomous / Hybrid Vehicle Technologies	Hybrid Electric Vehicles	Renault Nissan	Mr. Venkataraman Natarajan Deputy Manager	2:00 p.m. – 2:50 p.m.	MB210
	Hybrid Vehicle Technologies - An On-going Innovation Journey	Punch Power Train	Mr Pranad Seth System Simulation Engineer	3:00 p.m. – 3:50 p.m.	
	Transformation in Automotive Industry	Ashok Leyland	Dr. A. Raghothaman Divisional Manager	4:00 p.m. – 4:50 p.m.	
Green Energy Technologies	Green Energy in Automobiles & Hybrid Autonomous vehicles	Maruti Suzuki	Mr. Bhuvan Dheer Executive Vice President	2:00 p.m. – 2:50 p.m.	Rajaji Hall
	Wind Turbine Technology	Wind Guard	Dr. R. Kumaravel Chairman	3:00 p.m. – 3:50 p.m.	
	Wind energy technology development and its opportunities	WSP	Mr. Sakthinivashan Principal Engineer	4:00 p.m. – 4:50 p.m.	
Circular Economy	Renewable energy sources and circular economy	KPIT	Mr. Shubham Bansal Sr. Technical Leader	2:00 p.m. – 2:50 p.m.	Ambedkar Auditorium
		KPIT	Ms. Sadhvi Gupta Project Manager		
	Circular Economy	Johnson Controls	Mr. Sivakumar S Ganapathy Vice-President	3:00 p.m. – 3:50 p.m.	
	Supply chain management in the Agricultural circular economy	EID Parry	Mr. Madivanane Assistant General Manager	4:00 p.m. – 4:50 p.m.	



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Day 2: 04 February 2023

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Event	Description	Faculty In-Charge / Resource Person	Time	Venue
CONTEST	Plenary Session: ADDITIVE MANUFACTURING A NEW FRONTIER	Mr. Joe Ajay AM consultant & BDM,EOS	10:30 a.m. – 11:30 a.m.	CAM Lab
	Johnson Controls – TECH CHALLENGE	Dr. K. Balaji Dr. Senthur Prabu Dr. Gunji BalaMurali Dr. S. Saboor	10:00 a.m. – 1:00 p.m.	Rajaji Hall
	APOLLO TYRES IDEA-A-THON	Dr. Ramakrishnan Dr. P. Sakthivel	10:00 a.m. – 1:00 p.m.	CAD Lab
	Poster Presentation	Dr. A. Raja Annamalai Dr. S. Thiyagarajan Dr. Anandavel Dr. Akash Mohanty Dr. Satyajit Ghosh Dr. Aruna Kumar Behera Dr. E. Porpatham Dr. Md. Ibrahim & INDUSTRY EXPERTS	10:00 a.m. – 1:00 p.m.	CS Hall
Concluding Remarks	Dr. M. Nageswara Rao, Emeritus Professor, SMEC		3:00 p.m. – 3:30 p.m.	Rajaji Hall