



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600

Web: kpriet.ac.in

Social: kpriet.ac.in/social

ME002

NBA Accredited
(CSE, ECE, EEE,
MECH, CIVIL)**FUNDAMENTALS OF F1 CAR DESIGN & DATA ACQUISITION**

Event No	ME002
Organizing Department	Mechanical Engineering
Associate Dept. NSC	Office of Alumni Relations
Date	19/08/2023
Time	10:00 AM to 12:00 PM
Event Type	Webinar
Event Level	Dept. Level
Meeting Medium	
Meeting Link	https://meet.google.com/jpv-kjbu-aur
Total Participants	51
Faculty - Internal	1
Students - Internal	50

Related SDG



Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	S P JAGADEESH	VEHICLE PERFORMANCE ANALYST	FORMULA ONE	jagadeeshsp23@gmail.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Vignesh Kumar N	Coordinator
2	Kumar M	Coordinator
3	Gokulkumar S	Coordinator

Outcome

Upon completion of this comprehensive program, participants can expect to gain a deep understanding of the intricate world of Formula 1 car engineering and the critical role of data acquisition in achieving peak performance.

Event Summary

The 'Basis Vehicle Design: Safety and Aerodynamics' event offered a comprehensive exploration of two critical aspects of vehicle engineering. The safety segment delved into crash structures, occupant protection, and safety systems, emphasizing the importance of structural integrity and innovative safety technologies. The aerodynamics module covered the intricacies of airflow management, downforce generation, and drag reduction techniques, showcasing how aerodynamic advancements enhance both performance and efficiency. Interactive sessions and expert presentations enriched the learning experience, enabling participants to grasp the synergistic relationship between safety and aerodynamics in modern vehicle design. Ultimately, the event fostered a deeper appreciation for the multifaceted considerations shaping the automotive industry. Attendees gained expertise in real-time data's role in decision-making. The event also spotlighted sustainability trends and future innovations, leaving participants well-equipped to appreciate Formula 1's intricate blend of technology and competition. Overall, the program successfully bridged theory and practice, empowering enthusiasts and potential engineers alike. Overall, this program equipped participants with a holistic understanding of Formula 1 car design principles and the pivotal role that data acquisition and analysis play in achieving top-tier performance. Participants were well-prepared to appreciate the complexities of Formula 1 racing and also found avenues for pursuing careers in motorsport engineering, data analysis, or related fields.

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DEPARTMENT OF MECHANICAL ENGINEERING
AND OFFICE OF ALUMNI RELATIONS
ORGANISES SEMINAR ON

Fundamentals of F1 car design & Data Acquisition

10:00 am
19, August, 2023

Guest Speaker
JAGADEESH .S.P
An Alumnus of 2014 - 2018 Batch
Vehicle performance analyst - Formula One, Biggin Hill, England, UK

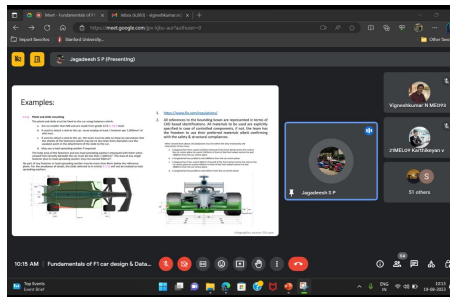
CONVENOR
Dr. S. RAMESH BABU HOD/Mech

COORDINATORS
Mr. N. VIGNESHKUMAR, AP (Sr.G)/Mech
Dr. M. KUMAR, AP/Mech
Dr. S. GOKULKUMAR, AP (Sr.G)/Mech

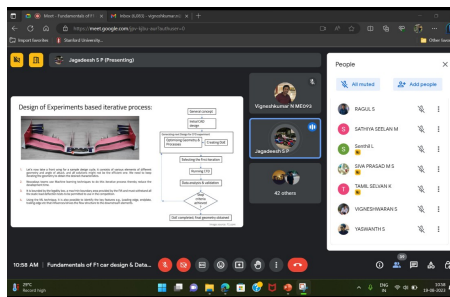
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