



Late Shri. Vishnu Waman Thakur Charitable Trust's

## **VIVA Institute of Technology**

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### **Department of Mechanical Engineering**

<b>Guest Lecture:</b>	Evolution And Challenges In Race Car Design
<b>Name of the Guest Speaker:</b>	Mr. Anand Thakkar
<b>Date:</b>	05/03/2019
<b>Time:</b>	10.00 am Onwards

#### **Programme Summary/Details:**

The Department of Mechanical Engineering organized a guest lecture on "Evolution and Challenges in Race Car Design." The lecture aimed to provide students with insights into the evolution of race car design and the challenges faced in this field. During the lecture, the guest speaker discussed the historical development of race car design, highlighting key milestones and technological advancements. They delved into various aspects of race car engineering, including aerodynamics, suspension systems, powertrain optimization, and safety considerations. The lecture also shed light on the challenges faced by engineers in designing race cars, such as balancing performance and reliability, optimizing fuel efficiency, and ensuring driver safety. The speaker shared real-world examples and case studies to illustrate these challenges and the innovative solutions that have been implemented. Participants gained a deeper understanding of the complexities involved in race car design and the importance of interdisciplinary collaboration in achieving optimal performance. The lecture provided valuable insights into the cutting-edge technologies and techniques used in the field of motorsport engineering. Overall, the guest lecture on the evolution and challenges in race car design offered students a comprehensive overview of the dynamic and demanding field of automotive engineering. It inspired them to explore the exciting opportunities and contribute to the future advancements in race car design.

#### **Photos:**

