



Department of Mechanical and Aerospace Engineering, IITB

Industry Lectures

How new technologies are driving tyre industry research & development

Juban Thomas

Automotive industry is on the path of transformation due to various technologies and customer preferences. Electric vehicles, Shared mobility and Autonomous vehicles are the major technologies which will lead the change in coming years. Such changes in automotive industry is also transforming the tyre business. It is also setting the direction for the Tyre research and development. He will talk about how the tyre industry is gearing up for those challenges and the key drivers of the same.



About the speaker

Juban Thomas is a veteran Tyre Testing and Vehicle Dynamics expert, with 24 years of rich experience in tyre industry. He started his career with MRF Tyres and since last decade he is working with CEAT Limited. In his principal role, he has been instrumental in setting up diverse teams and state of art testing facilities to quantify tyre performance at component and at vehicle level. Over the years, he has worked together with all major OEMs in India. His keen interests revolve around NVH, converting 'feeling' into 'data'. He has published his works and opinion in various magazines and international forum. He is a technology enthusiast, likes to discuss on data science, enjoys building strong teams from ground up and guiding them to technology leadership. He is currently heading the CEAT's Global Testing Department.