R M K COLLEGE OF ENGINEERING AND TECHNOLOGY

RSM NAGAR, PUDUVOYAL – 601 206

Department of Science and Humanities

Report on the Guest Lecture

The Department of Science and Humanities organized a special lecture on **"Mathematical Approaches to the Real World Automotive Industry"** on 14th June 2021 at 2.30 - 3.40 PM for First Year Mechanical Students virtually through Google meet.

The aim of this guest lecture is to deliver knowledge about Mathematical Approaches to the Real World Automotive Industry, its applications in Industry Future Scope and Job Opportunities in the domain.

The event started with the welcome address by Dr S M Chithra, Branch Coordinator, Mechanical and introduction to the Chief Guest by Mr S Sanjay, Student Mechanical.

This Lecture is provided by a Professor **Mr RAJIVGANDHI K**, Engineer, FCA Engineering India Pvt. Ltd, Chennai to conduct a motivational talk on Mathematical Approaches to the Real World Automotive Industry. We are proud to have **Mr RAJIVGANDHI K**, Engineer, as our Guest Speaker. His accumulated experience and knowledge is the most formidable. The entire motivational talk is about our theme Mathematical Approaches to the Real World Automotive Industry.

This helps us to set a dream and goals which we never though off due to our hesitation of choosing a path to walk on. Basically, all of us gain a lot of confidence in what we want to achieve in our life. With this lecturer, students come to know about Mathematical Approaches to the Real World Automotive Industry in detail. They also enlighten on industrial applications and Job opportunities in this area. **Mr Siddavatam Nishanth Reddy**, student, Mechanical proposed vote of thanks.

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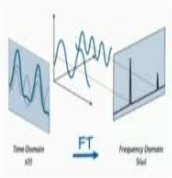
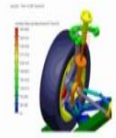
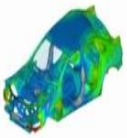
MATHEMATICAL APPROACHES TO THE REAL WORLD AUTOMOTIVE INDUSTRY







By,
Rajivgandhi K
Vehicle Dynamics Engineer

12-JUN-2021

Chithra is presenting

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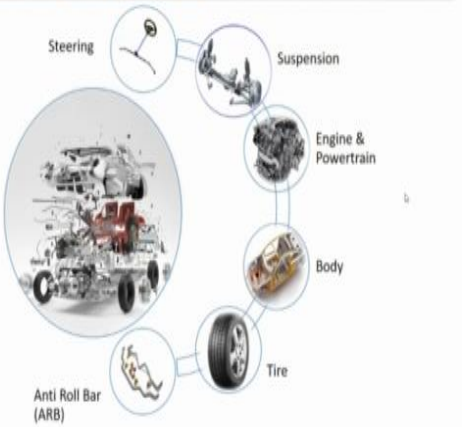
BACKGROUND: VEHICLE ARCHITECTURE



Chithra is presenting

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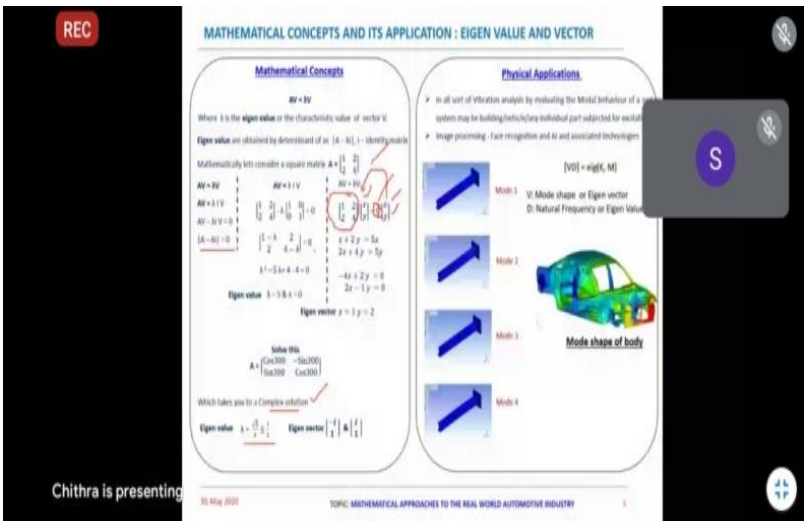
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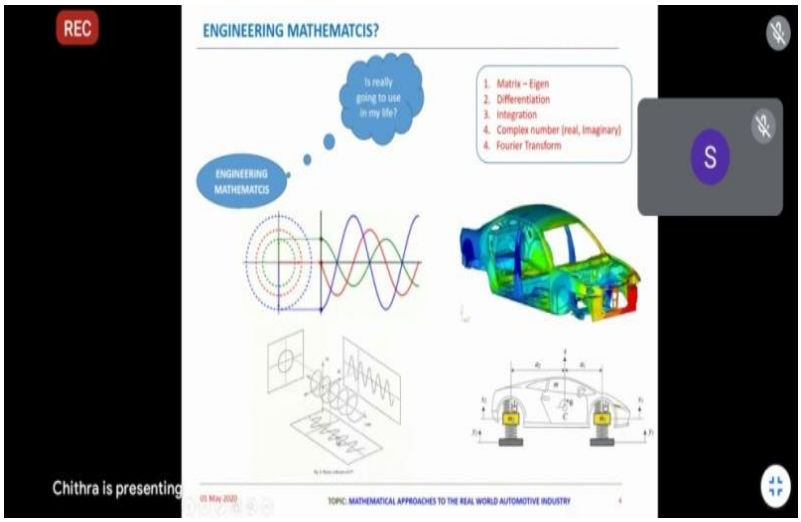
MATHEMATICAL CONCEPTS AND ITS APPLICATION : EIGEN VALUE AND VECTOR
Mathematical Concepts
Physical Applications
Mode shape of body
Chithra is presenting
TOPIC: MATHEMATICAL APPROACHES TO THE REAL WORLD AUTOMOTIVE INDUSTRY


REC
ENGINEERING MATHEMATCIS?
Is really going to use in my life?
ENGINEERING MATHEMATCIS
1. Matrix – Eigen
2. Differentiation
3. Integration
4. Complex number (real, Imaginary)
4. Fourier Transform
Chithra is presenting
TOPIC: MATHEMATICAL APPROACHES TO THE REAL WORLD AUTOMOTIVE INDUSTRY