

**DEPARTMENT OF AUTOMOBILE ENGINEERING**

**VALUE ADDED PROGRAM**

**Application of Matlab in Automotive Dynamics**

Matlab is one of the finest tools in automotive industry to evaluate the performance of dynamic system. In this program, students realize the significance of Matlab by designing the automotive system dynamics particularly quarter-car suspension mathematical model. Various suspension characteristics like ride comfort, suspension deflection and tire deflection of passive model was studied using Matlab & Simulink.



 **KCG**  
COLLEGE OF TECHNOLOGY  
A unit of Hindustan Group of Institutions



  

**Department of Automobile Engineering** organizes

**Application of  
MATLAB  
in Automotive Dynamics**

**Date: 13<sup>th</sup> March 2023 | Time: 10:00 A.M.**

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