A Course Material on

Automobile Engineering

Author Page

At first I like to submit my sincere thanks to GOD, PARENTS and FRIENDS who have helped and encouraged me to prepare this entire course material for the subject of Automobile Engineering.

Automobile Engineering is a vast field encompassing different types of vehicles used for transportation of people and materials. It is very difficult to cover all the aspects of automobile engineering in single notes, because vehicles are being refined and improved day by day. However an attempt is made in this course material to give the maximum possible details of fundamentals of the automobile vehicles.

It is always challenging to decide whether historical notes should come before or after the description and interpretation of the state of the art. Arguing for the second alternative is the fact that readers should already have understood the motivations that drive a design decision.

We begin this chapter with basis of automobile, and through by the transmissions and steering systems, going on later to describe wheels, tires and braking & suspension systems. This emphasis is solely due to the larger impact that suspensions and steering systems have on vehicle architecture and its consequent evolution; steering systems will be described together with suspensions because these two systems are indissoluble from the point of view of designers.

Knowing is not enough, We must apply.

Willing is not enough, We must do.

ALL the BEST

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Anna University Automobile Engineering Notes

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