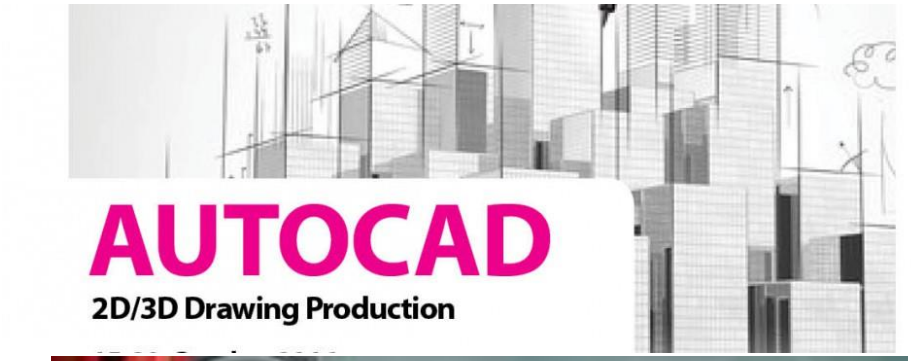
AutoCAD &
Tyre Dynamics



Duration: Two Days
Total Hours: 12 Hrs.

AutoCAD Workshop

Sl. No.	Topics	
i.	Orientation	
ii.	Draw tools	Orientation File Management Unit Setting Limit Setting Co-ordinate system Basic Draw Tool
iii.	Modify tools	Modification tools orientation Examples
iv.	Selection Tools	
v.	Layers	
vi.	Block Tool	
vii.	Text	
viii.	Hatch and Table	
ix.	Dimension and Area	
x.	Isometric View and Perspective view.	
xi.	3D Orientation and Solid Modeling.	

Requirements from the Students:

i. Please bring the laptops for learning the AutoCAD.
ii. The Laptop must be at least Core i3 for the best results.

Tyre Dynamics

1. Tire Construction
2. Size and Load Rating
3. Terminology and Axis System
4. Mechanics of Force Generation
5. Tractive Properties
6. Load
7. Inflation Pressure
8. Surface Friction
9. Speed
10. Cornering Properties
11. Slip Angle
12. Tire Type
13. Size and Width
14. Tread Design
15. Camber Thrust
16. Tread Design
17. Aligning Moment
18. Slip Angle
19. Path Curvature
20. Combined Braking and Cornering
21. Friction
22. Variables
23. Conicity and Ply Steer
24. Durability Forces
25. Tire Vibrations

Basic automobile engineering overview will also be there. All the parts will be explained but the main focus will be on Tire Dynamis