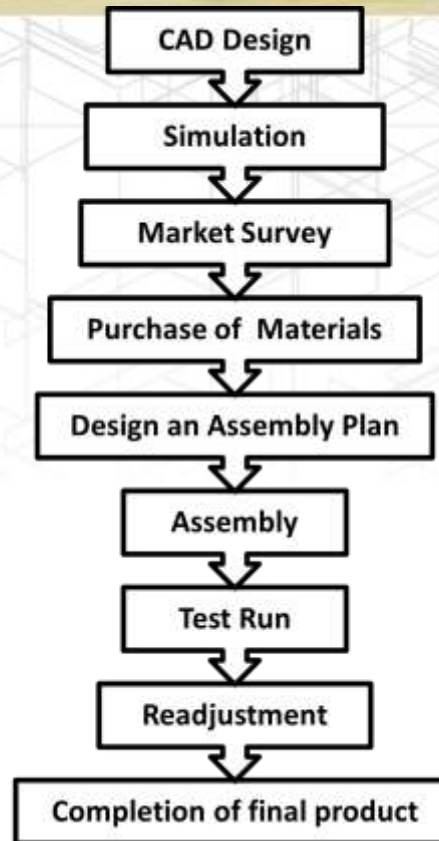


CAD Design



Overall Construction Process

Log on to: www.motomist.weebly.com
Email: motomist2013@gmail.com

MOTOMIST



A STEP INTO THE
WORLD OF
AUTOMOBILES IN MIST

SUPPORTED BY:



Mechanical
Engineering
MIST

*A fuel
efficient
4 wheeled
motor
vehicle*



Application

- Use as passenger vehicle
- Carry load with a overall GVW-Gross weight Vehicle of approximately 340 Kg
- Transport facility in small areas, urban or sub urban areas.

Brief Overview

Summary of the Project

- The project was undertook for competition
"Ecorun Bangladesh 2013"
- Time of completion-
Approximately 20 weeks
- Total Team member: 6

Objectives

- To build a small, lightweight vehicle.
- To reduce fuel consumption compared to a similar size Vehicle.
- To reduce manufacturing cost.

Team Members

- Lt. Sadi Mohammad Raiyan
- Md. Faizul Abedin
- Tanvir Ahmed
- Lt. S. M. Mahiture Romman
- Al Amin
- Imran Ahmed Antu

Title	Specification
Body style	2 door Micro car
Transmission type	RWD (Rear Wheel Drive) with Chain-Sprocket
Engine	4 stroke, 1 cylinder, 97 CC, Air cooled SI engine
Gear box	4 Speed manual with separate reverse gearbox
Fuel type	Octane
Maximum speed	30 km/h
Brake	Hydraulic disk brake at rear wheels
No of wheels	4
No of seat	2
Length	2m (Approx)
Width	1m (Approx)
Height	1.5 m (Approx)
Ground clearance:	0.2 m
Wheel base	1.3 m
Track width	1.4 m
Turning radius	1.5 m
Exhaust pipe length	1.4 m
Approximate Gross Weight	340 Kg