Design and Construction of Hydraulic Braking System.

➢ About This Project:

It is a completely prototype project. That is combination of mechanical electronics and electrical engineering technology. The braking system is very important for a vehicle. Here we have tried to show how to works a vehicle Hydraulic is braking system. A hydraulic brake is an arrangement of braking mechanism which uses brake fluid, typically containing glycol ethers or diethylene glycol, to transfer pressure from the controlling mechanism to the braking mechanism.

➢ System Diagram:

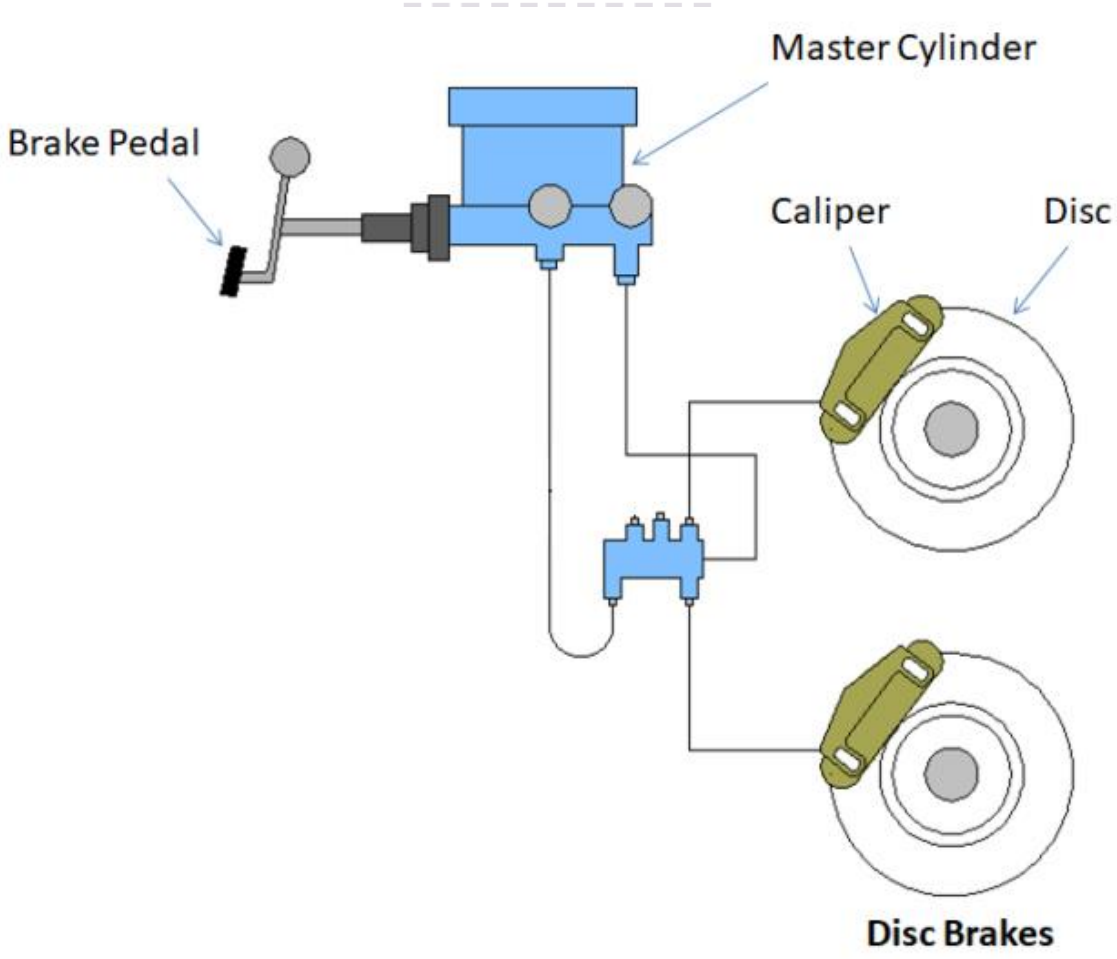

Figure: System Diagram of Hydraulic Braking System.

➢ Block Diagram:

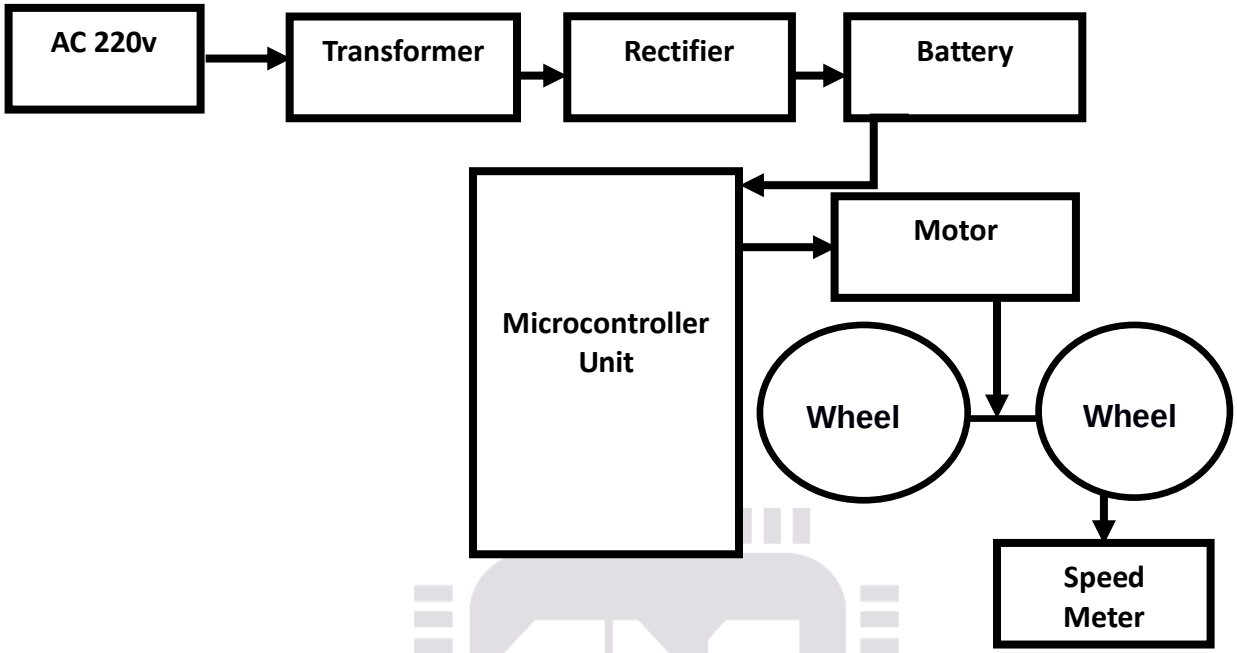

Figure: Block Diagram of Hydraulic Braking System.

➢ Advantages:

- Equal Braking Action on All Wheels.
- Increased Braking Force.
- Simple in Construction.
- Low Wear Rate of Brake Linings.
- Flexibility of Brake Linings.
- Increased Mechanical Advantage.
- Batter Stopping Power than the Other Brakes.

➢ Applications:

- Hydraulic Brakes Can Be Used for the Highly Safety of Any Vehicle.

N.B: *Any modification of this project can be done as per your requirement. We will make the project according to your needs. Contact us with your any innovative engineering projects idea. We will help you to implement your project.*