**BBDNITM**

**MECHANICAL DEPARTMENT**

**SESSION(2018-19)**

**Automobile Engineering [NME-702]**

**ASSIGNMENT SHEET NO.3**

Q.1 Describe various type of disc breaks?

Q.2 Describe an air brake system with suitable diagram?

Q.3 What do you understand by master cylinder in hydraulic braking system?

Q.4 Write short note on:

(a) Rolling (B) Pitching (c) bouncing

Q.5 Describe a rigid axle suspension system with suitable diagram?

Q.6 Hydraulic brakes are better than mechanical brakes. Justify the statement?

Q.7 Differentiate between drum type & disc type brakes?

Q.8Why a good braking system is necessary on automobiles?

Q.9 Describe various braking requirements?

Q.10 Why is it necessary to employ a suspension system on automobile?