**BBDNITM**

**MECHANICAL DEPARTMENT**

**SESSION(2018-19)**

**Automobile Engineering [NME-702]**

**ASSIGNMENT SHEET NO.4**

Q.1 Describe a cut out relay with the help of diagram?

Q.2 Draw a neat sketch of voltage regulator, name its parts & describe its functioning?

Q.3 Explain the functioning of an alternator with diagram?

Q.4What is carburetion? How it differs from fuel injection? What are the functions of carburettor?

Q.5 Differtiate between:

(a) Air injection & solid injection

(b) F.I.PUMP & Fuel injector

Q.6Draw the neat sketch of fuel injection pump & explain its working.

Q.7 Differentiate between supercharging & turbo charging?

Q.8Briefly describe the MPFI system & explain its advantages?

Q.9 What do you understand by firing order? Explain its significance?

Q.10 Explain ignition advance. How and why is it advanced?