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**Lukhdhiraji Engineering College**

**Mechanical Engineering Department**

Subject: Oil Hydraulic and Pneumatics

Code: 3151913

Semester: **5th Mechanical**

Faculty: Prof. H. D. PATEL, Prof. A.B KHANT

**Assignment-3 : Circuit Design**

List of Questions:

1. Design a hydraulic circuit to operate single acting cylinder.
2. Design a pneumatic circuit to operate double acting cylinder.
3. Draw pneumatic circuit for speed control of cylinder.
4. Draw hydraulic circuit for three (forward, reverse and hold) motion control of double acting cylinder.