

Department : **Mechanical**

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Group No: **13**

Guided By

**PROF. H. C. PATEL**

## **SMT. S. R. PATEL ENGINEERING COLLEGE, UNJHA**

### **Project Title**

### **DESIGN & DEVELOPMENT ON CONVENTIONAL LATHE MACHINE**

#### **Abstract:**

Nowadays, products are manufactured using modern technology which employs a communion of computer software, hardware and firmware and lathe machines play a vital role in the manufacturing sector. While the manual lathe machines are economical, they require to be operated by highly skilled workers otherwise their accuracy and efficiency is not up to the required product. CNC machine provide the desired accuracy and efficiency of output, but require a huge capital. Thus upgrading the from manual to semi-automatic lathe machines can significantly increase the accuracy and efficiency while, at the same time, keeping a check on investment cost and consequently provide a much needed escalation to the manufacturing industry.

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