

Department : **Mechanical**

Year : **2013-2014**

Group No: **13**

Guided By

**PROF. M. D. PATEL**

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

### **Project Title**

### **DESIGN AND DEVELOPMENT OF BALL BURNISHING TOOL**

#### **Abstract:**

The present project work deals with the design and development of ball burnishing tool.

The study aims is to produce smooth surface finish without removing the materials on the work piece and gets better hardness on the work piece without any extra process.

Burnishing is an economical process where skill workers are not required.

This process can be effectively used in many fields such as aerospace industries, automobiles manufacturing sector, production of machine tools, hydraulic cylinder etc....

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