Department : **Mechanical**

Year : **2015-2016**

Group No: **36**

Guided By

**PROF. RAJESH KUMAR**

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

## Project Title

### DESIGN AND DEVELOPMENT OF AUTOMATED STORAGE AND RETRIEVAL SYSTEM

## Abstract:

Now in modern day's automation are everywhere applied. Automation is use in every field like manufacturing, defence, medical, etc. Automation reduces human effort and also Increases the work efficiency of any firm who adopt the Automation. Our project is in Automation of warehouse, it also works in Library. An Automated warehouse is very Useful in small floor space. In an ordinary warehouse the pallet is load and unloads by Human with either helping crane or forklift, because of it sometime they damage the part or pallet. In an Automated warehouse there is no possibility of damage of pallet or parts, Because of no human interference during process. In our project we will make a model of an Automated warehouse. In that model setup we use Programmable Logic Controller (PLC) to give command and control the whole model setup, we also use the motors, motor drive, guide ways, etc.

**Prepared By:**

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