



**NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY  
MECHANICAL DEPARTMENT**

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**Internal Guide:- Virendra K. Parmar**

**Project Title:- Automatic Toilet Flush System**

**Abstract:-**

Our Project is based on embedded system, “AUTOMATIC TOILET FLUSH SYSTEM USING SPRING AND LEVER MECHANISM”. It gives automatic flow of water without use of any electric system. It is specially design for toilet system in railways, malls, multiplexes and government sectors. So the project objective is to reduce the loss of water and electricity. It is also reduces the maintenance cost. It uses lever and spring mechanism.

**Project Photo:-**



**Major Hardware components**

**used:-**Compression Spring, Lever, Inlet and Outlet Valves

**Software used:-**AutoCAD

**Project Application:-**

- (1)Railways**
- (2)Government Sectors**
- (3)Malls**
- (4)Multiplexes**
- (5)Colleges and School**
- (6)Public Toilet**
- (7)Airports**

**Approx. Project Cost:-3000/-**

