

## ❖ PROJECT DESCRIPTION

### ❖ NAME & ROLL NO OF STUDENTS

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- MEMON AADIL MO YAKUB (110340119053)
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### ❖ NAME OF PROJECT

- TO MODIFY DOMESTIC STANDING FAN BY USING HYDRAULIC CYLINDER AND COOLING SYSTEM

### ❖ WORKING PRINCIPLE

- OUR PROJECT WORKS ON DOUBLE ACTING HYDRAULIC CYLINDER PRINCIPLE. A DOUBLE-ACTING CYLINDER IS A CYLINDER IN WHICH THE WORKING FLUID ACTS ALTERNATELY ON BOTH SIDES OF THE PISTON. IN ORDER TO CONNECT THE PISTON IN A DOUBLE-ACTING CYLINDER TO AN EXTERNAL MECHANISM, SUCH AS A CRANK SHAFT, A HOLE MUST BE PROVIDED IN ONE END OF THE CYLINDER FOR THE PISTON ROD AND THIS IS FITTED WITH A GLAND OR 'STUFFING BOX' TO PREVENT ESCAPE OF THE WORKING FLUID.

### ❖ PHOTOGRAPH OF PROJECT



### ❖ APPLICATION

- AT HOME
- AT OFFICE
- AT SMALL WORKSHOPS

### ❖ COST 9000 RS

### ❖ CONTACT NO OF STUDENTS

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### ❖ GUIDE

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