

Department : **Mechanical**

Year : **2019-2020**

Group No: **4**

Guided By

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Project Title

DIFFERENT IMPROVEMENT AND PERFORMANCE ANALYSIS IN IMPACT OF JET APPARATUS

Abstract:

The impact of jet apparatus is basically used for deciding shape and size of vanes, measuring actual forces acted during jet formation and helps in improving the net power output generated from impulse turbine. So from our basic knowledge of fluid power we have decide to do experiment on apparatus by the use of different deflectors and different nozzles, by providing some kind of automation on it like flow measurement and pressure measurement. Well also change some arrangements of apparatus like PVC to GI pipes, sump tank, mechanism connected to deflector etc. Finally by this kind of improvements accuracy of flow and force measurement will be improved.

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