

Department : **Mechanical**

Year : **2016-2017**

Group No: **14**

Guided By

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Project Title

DESIGN & DEVELOPMENT OF TREADLE LATHE

Abstract:

In modern days, all area of industries are using different types of lathe machines for machining and manufacturing. But in all industries the lathe machines are very costly and it requires electricity to run for machining and mfg. By inspecting some industries our team has found that the many of industries need generators for electricity backup. So, that's why our team has decided to try our new concept about to build a lathe machine which can run without electricity or we can say that with the help of man-power. As per its name implies it can operated by help of foot. After we give the all details of machines and analysis the project cost, electricity cost, investment cost and equate the general lathe and foot powered lathe. Treadle lathe can give best rpm output for manufacturing of new jobs. This project is giving all useful data for lathe design/development & which lathe is better far.

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