

Department : **Mechanical**

Year : **2012-2013**

Group No: **3**

Guided By

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Project Title

DEVELOPMENT OF AUTOMATION FOUNDRY

Abstract:

In modern days, all area of industries are going to like automated, economically and environment friendly to reduce the global warming problem. But, in production of metal by moulding process no any wide change. Our main concept for this project is to give better safety for all workers and to maintain good quality product and manufacturing is environment friendly to provide induction furnace and remove coal firing furnace.

Automation plant is improving the mass production, give better quality products without any defects and better continuity in operation. All machines are working as a part of process. In this project, first we compare the manual foundry and automated foundry.

After we give the all details of machines and analysis the project cost, electricity cost, investment cost and equate the manual foundry and automated foundry. This project is giving all useful data for plant establishment & which plant is better far.

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