

# **“Study on steam power plant”**



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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# Declaration of Authenticity

This is to certify that the authors are solely responsible for the work reported in this project and other work has not been submitted to any university or elsewhere for the award of any degree.

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Author

SANJAY DAS

I.D: EEE 02705204

Stamford University Bangladesh

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Author

MD. MEHEDI HASAN

I.D: EEE 02705238

Stamford University Bangladesh

---

Author

MD.NAFIUZZAMAN

I.D: EEE 02705208

Stamford University Bangladesh

---

Author

DEV DULAL MALLICK

I.D:EEE 03005662

Stamford University Bangladesh

---

(MD. ATIQUUL ISLAM)

Project Supervisor

Lecturer, Dept. of EEE

Stamford University, Bangladesh

---

(Prof. A.M. Rezaul Karim Talukder)

Dept. Head and Chairman

Department of EEE

Stamford University, Bangladesh

# *Abstract*

This thesis investigates the overall control system of a steam power plant. The first chapter addresses Basic history of Power plants. After that we discuss the major parts of power plants and chapter two consists the one part calls Boilers. In chapter three we illustrate Operation of Boilers. In this part we describe what is boiler and how it works. And we also describe why boiler needs in steam power plant. Chapter four consists the second major part of power plant calls turbine. In this part we describe manufacture and operation of turbine. Chapter five consists about the Generator. It is one of the major parts of power plant. We describe in these chapter operation of Generator. Chapter six consists the operation and control system of steam power plant. In chapter seven we briefly describe about the production of power plant. We describe in these part about Electricity.

In this project work, we tried to focus on the manufacture, operation and control system of steam power plant.

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Author

Mehedi Hasan

I.D: EEE 02705238

Sanjay Das

I.D: EEE 02705204

MD.Nafiuzzaman

I.D: EEE 02705208

Dev Dulal Mallick

I.D: EEE 03005662

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