

ELECTRICAL SYSTEM DESIGN OF POWER PLANT

Project report submitted

In partial fulfillment of the requirement for the degree of

Master of Technology

In

**ELECTRICAL ENGINEERING SPECIALIZATION IN POWER AND ENERGY
SYSTEM**

By

RAHUL KUMAR SHRIVASTAVA (2001700002)

Under the guidance of

DR. VINEET DAHIYA

(ASSOCIATE PROFESSOR)



Department of Electrical Engineering

School of Engineering & Technology

K. R. Mangalam University, Gurugram - 122003

July-2023

Jed

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

DECLARATION

We declare that this written submission represents our ideas in our own words and where other's ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and canal so evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed. We further declare that if any violation of the intellectual property right or copyright, my supervisor and university should not be held responsible for the same.

Rahul Kumar Shrivastava

(Roll No. 2001700003)

(Signature)

Place: K.R. Mangalam University

Date: 03rd July 2023

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

CERTIFICATE

It is certified that the work contained in the project report titled "Electrical System Design of Power Plant" by the following student:

**Name of the Student: Rahul Kumar
Shrivastava**

Roll Number: 2001700002

has been carried out under our/my supervision and that this work has not been submitted elsewhere for a degree.



Dr. Vineet Dahiya

Associate Professor

Date: - 03rd July 2023

Place: - K.R. Mangalam University

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School of Engineering & Technology (SOET)
K.R. Mangalam University
Sohna road, Gurugram
Haryana 122103



Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

ACKNOWLEDGEMENT

**“Enthusiasm is the feet of all progress, with it there is accomplishment and
Without it there are only slits alibis.”**

Acknowledgment is not a ritual but is certainly an important thing for the successful completion of the project. At the time when we were made to know about the project, it was really tough to proceed further as we were to develop the same on a platform, which was new to us. More so, the coding part seemed tricky that it seemed to be impossible for us to complete the work within the given duration.

We really feel indebted in acknowledging the organizational support and encouragement received from the university.

The task of developing this system would not have been possible without the constant help of our faculty members and friends. We take this opportunity to express our profound sense of gratitude and respect to those who helped us throughout the duration of this project.

We express our gratitude to our supervisor Dr. Vineet Dahiya for giving their valuable time and guidance to us.

Place: - K.R. Mangalam University

Date: -03rd July 2023

Rahul Kumar Shrivastava



Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

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SYSTEM**

By

SOURABH TIWARI (2001700003)

Under the guidance of

DR. BHAVESH VYAS

(ASSISTANT PROFESSOR)



Department of Electrical Engineering

School of Engineering & Technology

K. R. Mangalam University, Gurugram - 122003

July-2023

1


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K. R. Mangalam University
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Sourabh Tiwari

(Roll No. 2001700003)

(Signature)

Place: K.R. Mangalam University

Date: 03rd July 2023

Registrar

K.R. Mangalam University
Sector Road, Gurugram, (Haryana)

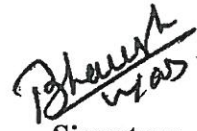
CERTIFICATE

It is certified that the work contained in the project report titled "Electrical System Design of Power Plant" by the following student:

Name of the Student: Sourabh Tiwari

Roll Number: 2001700003

has been carried out under our/my supervision and this work has not been submitted elsewhere for a degree.



Signature

Dr. Bhavesh Vyas

Assistant Professor

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Sohna Road, Gurugram
Haryana 122103

Date: - 03rd July 2023

Place: - K.R. Mangalam University



Registrar
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Place: - K.R. Mangalam University

Date: -03rd July 2023

Sourabh Tiwari

Registrar
K.R. Mangalam University
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