Gandhi Engineering College

(Department of Computer Science and Engineering)

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**A PROJECT REPORT ON**

**“Electricity Hub”**

A major project report submitted in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology

In

Computer Science and Engineering

*Submitted by*

## NISHANT RAJ 2001292107

## RITIK RAJ 2001292265

*Under the supervision of*

## Prof. SATYABRATA LENKA

## *Associate Professor, Dept. of CSE*



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING GANDHI ENGINEERING COLLEGE, BHUBANESWAR**

Gandhi Vihar, Madanpur, Bhubaneswar-752054 2019-2023

# ABSTRACT

The objective of the electricity service management system is to streamline the administration of various aspects related to electricity consumption, including electricity power, light bills, payments, usage, and charges. This project focuses on empowering administrators with comprehensive tools to efficiently manage electricity usage data and facilitate billing processes. By centralizing information on electricity usage and bills, the system aims to minimize manual intervention, enhancing accuracy and efficiency.

However, a significant challenge lies in the disconnect between offline customers and online services. While internet usage is burgeoning, customers face the dilemma of navigating through numerous websites offering disparate services. This discrepancy highlights the need for a cohesive platform that bridges the gap between electricity hubs and consumers. The proposed system endeavors to address this issue by establishing a robust online presence that caters to the diverse needs of customers while fostering a personalized and responsive relationship between electricity hubs and consumers.

In summary, the electricity service management system seeks to revolutionize the management of electricity-related tasks by offering a user-friendly interface for administrators and enhancing the online experience for consumers. By addressing these objectives and challenges, the system aims to optimize efficiency, improve customer satisfaction, and strengthen the relationship between electricity providers and consumers.

I

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Place: Bhubaneswar Name: Nishant Raj

Date: 20th April, 2024 Reg Number: 2001292107

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# Certificate

This is to certify that the work in the Project entitled “**Electricity Hub”** by **Nishant Raj**, bearing **2001292107**, is a record of an original research work carried out under my supervision and guidance in fulfilment of the requirements for the award of the degree of Doctor of Philosophy in Computer Science & Engineering. Neither this project nor any part has been submitted for any degree or academic award elsewhere.

To the best of my knowledge, **Nishant Raj** bears a good moral character and decent behavior.

## Prof. Satyabrata Sir

Designation of the Supervisor,

Associate Professor,

Department of Computer Science Engineering,

Gandhi Engineering College, Bhubaneswar