

# **IOT BASED AUTOMATIC BED VACANCY DETECTION SYSTEM IN HOSPITAL**

A main project report  
Submitted in partial fulfilment for the award of the degree

## **BACHELOR OF TECHNOLOGY IN ELECTRONICS & COMMUNICATION ENGINEERING**

Submitted by

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**(APPROVED BY AICTE, AFFILIATED TO JNTUK, KAKINADA AND  
ACCREDITED TO NAAC)**

**BHOOPALAPATNAM, RAJAMAHENDRAVARAM -533107**

**2021 – 2025**

**RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY**

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**CERTIFICATE**

This is to certify that **T. NAGA SANJHAY KUMAR – 21MD1A066**, **R. LOKESH – 22MD5A0409**, **N. DASARAD – 21MD1A0453** of fourth year B. Tech., had carried out the main project work on “**IOT BASED AUTOMATIC BED VACANCY DETECTION IN HOSPITAL**”. For the partial fulfilment of the award of the degree of Bachelor of Technology in **Electronics and Communication Engineering (ECE)** in **RIET**, Rajamahendravaram (Affiliated to JNTU, Kakinada) is a bonafide record of the work done by them during the academic year 2024-2025 under the guidance and supervision. The results of this project have not been submitted to any other University or Institute for the award of any degree.

**Internal Guide**

**Dr. CH. SURYABABU, M. Tech., PhD**  
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**Head of the Department**

**Dr. CH. SURYABABU, M. Tech., PhD**  
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**EXTERNAL EXAMINER**

## ACKNOWLEDGEMENT

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