

**A Study on**  
**STEEL STRUCTURE BUILDING WITH LOWCOST**  
**APPROACH - A SINGLE STORIED BUILDING WITH ARCH**

*Submitted in partial fulfillment of the*  
*Requirements for the award of the degree of*

**BACHELOR OF TECHNOLOGY**  
**In**  
**CIVIL ENGINEERING**  
**by**

<b>K.Pavan</b>	<b>17241A0178</b>
<b>R.SaiUday</b>	<b>17241A01A4</b>
<b>S.Naresh</b>	<b>17241A01A8</b>
<b>S.Muneer</b>	<b>17241A01B2</b>
<b>T.Hemanth</b>	<b>18245A0124</b>
<b>Yawar</b>	<b>18245A0125</b>

*Under the Guidance of*  
**Mr. Y. Kamala Raju**  
Assistant Professor



**Department of Civil Engineering**

**GOKARAJU RANGARAJU**

**INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**(Autonomous under JNTUH, Hyderabad) Bachupally, Kukatpally, Hyderabad-500090.**

**June 2021**

# CERTIFICATE

This is to certify that the project report entitled "**A Study on Steel Structure Building With Low cost Approach - A Single Storied Building With Arch**" is submitted by

<b>K.Pavan</b>	<b>17241A0178</b>
<b>R.SaiUday</b>	<b>17241A01A4</b>
<b>S.Naresh</b>	<b>17241A01A8</b>
<b>S.Muneer</b>	<b>17241A01B2</b>
<b>T.Hemanth</b>	<b>18245A0124</b>
<b>Yawar</b>	<b>18245A0125</b>

to the **Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad**, in partial fulfilment for the award of the degree of **B. Tech in Civil Engineering** is a bonafide record of project work carried out by him under my supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.

  
**Mr. Y Kamala Raja**

Assistant Professor

Dept of Civil Engineering

GRIET

  
**Dr. V. Mallikarjuna Reddy**

Professor and HOD

Dept of Civil Engineering

GRIET

External Examiner