



Date :09/08/2022

**TO WHOM SO EVER THIS MAY CONCERN**

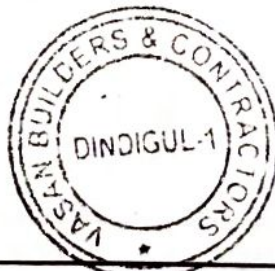
This is certify that Mr. S.SHEIK DAWOOD (Reg.No.922119103013) of  
III-year B.E. Civil Engineering from SSM Institute of Engineering and  
Technology, Dindigul, has successfully completed his internship in our company  
from 13<sup>th</sup> July 2022 to 08<sup>th</sup> August 2022.

During the tenure of the internship his performance was good.

We wish him all the best in his future endeavors.

**Yours sincerely,**  
For VASAN BUILDERS & CONTRACTORS  
  
Proprietor

**GSTIN: 33BABPS9280A1ZU**



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**TIN No : 33155221616 CST No : 168245 Dated - 16.09.2008**

**PLANNING ANALYSIS AND DESIGN OF  
A LUXURY VILLA  
A PROJECT REPORT**

*Submitted by*

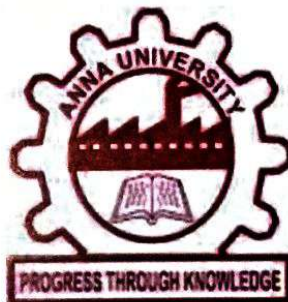
|                            |                       |
|----------------------------|-----------------------|
| <b>S. ARAVINTH</b>         | <b>(922119103002)</b> |
| <b>S.R. SATHEESH KUMAR</b> | <b>(922119103012)</b> |
| <b>S. SHEIK DAWOOD</b>     | <b>(922119103013)</b> |

*In partial fulfilment for the award of the degree  
of*  
**BACHELOR OF ENGINEERING  
IN**

**CIVIL ENGINEERING**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**DINDIGUL – 624002**



**ANNA UNIVERSITY : CHENNAI 600025**

**JANUARY 2023**

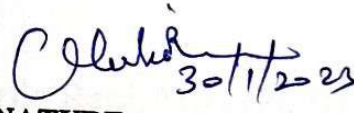
**ANNA UNIVERSITY: CHENNAI 600025**

**BONAFIDE CERTIFICATE**

Certified that this project report "PLANNING ANALYSIS AND DESIGN OF A LUXURY VILLA" is the bonafide work of "S. ARAVINTH (922119103002), S.R. SATHEESH KUMAR (922119103012) and S. SHEIK DAWOOD (922119103013)" who carried out the project work under my supervision.

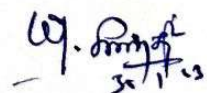
  
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Submitted for the viva-voce examination held on 30/01/2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# **STRUCTURAL HEALTH MONITORING OF A BUILDING ELEMENT USING SENSORS**

## **A PROJECT REPORT**

*Submitted by*

|                           |                     |
|---------------------------|---------------------|
| <b>SATHEESH KUMAR S R</b> | <b>922119103012</b> |
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*In partial fulfillment for the requirement of award of a degree*

*of*

**BACHELOR OF ENGINEERING**

**IN**

**CIVIL ENGINEERING**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**DINDIGUL - 624002**



**ANNA UNIVERSITY: CHENNAI - 600025**

**MAY 2023**



**ANNA UNIVERSITY: CHENNAI – 600025**

**BONAFIDE CERTIFICATE**

Certified that this project report “**STRUCTURAL HEALTH MONITORING OF A BUILDING ELEMENT USING SENSORS**” is the bonafide work of “**SATHEESH KUMAR S R (922119103012), SHEIK DAWOOD S (922119103013)**” who that carried out the project work under my supervision.

  
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Submitted for the project viva-voce examination held on 18.5.23

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**