AkshayaInfra Consultants Pvt Ltd.
Architects & Engineers

STRUCTURAL STABILITY CERTIFICATE

This is to Certify that the Structural Design of Existing Secondary School Building (**SURYA BLOCK IN VISTA SCHOOL**) In Survey No:132/6 ,Situated atVattinagulapally Village, Rajendra nagar Mandal Rangareddy District. Telangana state,

Belongs to:-

1).Smt.VELLANKI VIJAYAKUMARI. W/o. Sri. V.V.RAO

2) Smt.CHALLA SRIDEVI. W/o.CHALLA SURESH

The structural designs have been done by limit state method of design as per norms laid in IS – 456:2000 And the reinforcement and sections by SP – 16 & SP -34.The designs has been done by The Following design data.

a.	Safe bearing capacity of soil (S.B.C) for the foundations	:	400 KN/Sqmt
b.	Concrete design mix	:	M35
c.	Reinforcement steel	:	Fe 500
d.	Loading:		
	1. A) Live load for all Floors	:	2.0 KN/M²
	B) Live load for Terrace Floor	:	1.5 KN/M²
	C) Balconies and Corridors	:	3.0 KN/M2
	2. Floor finish	:	1.5 KN/M²

Analysis has been done by using **STAAD PRO** for **CELLAR + Ground +"2" Upper Floors.**

As per above technical Data Designed the Structure. Hence the BUILDING is structurally Safe & Sound for further 25 years from as on date.

Date: 29-09-2018

Name M.Srinivasa Rao

Executive Engineer GHMD
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M. Srinivasa Rao

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