



# SAI SUSHAMA CONSULTANCY

Mob. - 08763212345

BUILDING YOUR DREAMS

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Ref No: *SSC/16/11/09* **Structural Audit Report**

Date: *09/11/2016*

## Building Safety certificate

This certificate is provided on request by Principal of Gurukul Public School, Jajpur

**Name of the building:** Gurukul Public School, Haridaspur, Chandikhol, Jajpur

**Description:** Three story school building constructed in three stages over a plinth area of 7129 Sqft.

The built up area of first floor is 7129 Sqft. & for second floor is 3600 Sqft.

**Address:** Gurukul School, Chandikhol, Odisha

## Age of the building:

Ground Floor - 3 years

1<sup>st</sup> floor - 3 years

2<sup>nd</sup> floor - 1 years

**Inspection Report Date:** 9/11/2016, **Inspected By:** Er. Tapan Kumar Nayak

## Observations:

It was observed that the building of Gurukul Public School is constructed on the Plot No-111 and 113, Khata No-20 of Haridaspur Mauza, Chandokhol, Jajpur. The building was constructed phase by phase. The construction work of ground floor was started on June 2013 and ended on Feb-2014. The second and third floor was completed on November 2014 and February 2016 respectively. It was observed that there is no major structural problem in the reinforced cement concrete columns, beams, roofs, floors and brick walls.

**Settlement Analysis:** There are no significant cracks due to differential settlement of Footings.

**Corrosion of steels:** It was observed that there is no swelling of RCC & minimum clear cover is provided on all the RCC members. There is no sign of corrosion of the reinforced steels.

**Leakages & dampness in walls:** There are no cracks, corrosion and dampness in walls due to Leakage of water. The building is safe for use.

**Suggestion:** It is suggested that for the better life span of the building, plinth protection may be provided.

**Conclusion:** It was concluded that the building is constructed with respect to the earthquake resistance structure and there is no such sign of structural damage. The building is constructed as per the guidelines to run a school.

*Approved by me*  
*[Signature]*  
Assistant Engineer  
(R&B) Jajpur

*[Signature]*  
Junior Engineer  
(R&B) Jajpur

SAI SUSHAMA CONSULTANCY

*[Signature]*  
For Sai Sushama Consultancy  
Proprietor



Office of the Executive Engineer PWD (R & B), Jajpur Division.  
Dist-Jajpur

No. 112/20

Date: 30/01/20

Building Safety Certificate

The Building of Gurukul Public School, Haridaspur, Jajpur constructed on the Plot No.111 & 113 of Khata No.20 of Village-Haridaspur & Mouza-Haridaspur, Dist-Jajpur has been inspected on date 24/01/2020 by JE & AE of this office and seems to be safe for the purpose of school /college. This certificate is issued on the basis of the report of Structural Audit Report of Sai Sushama Consultancy, Bhubaneswar-10.

RECEIVED  
OFFICE OF THE EXECUTIVE ENGINEER  
PWD (R & B) JAJPUR DIVISION

*Ans*  
30/1/20  
Junior Engineer  
PWD (R & B) Jajpur-1  
Jajpur-1

*[Signature]*  
Assistant Engineer  
PWD (R & B) Jajpur Sub-Division  
Jajpur Sub-Division

*[Signature]*  
30.1.20  
Executive Engineer  
PWD (R & B) Jajpur Division  
Jajpur Division

*[Signature]*  
01/02/2020  
Principal  
Jawahar Navodaya Vidyalaya  
At. Bagudi, Dist. Balasore

*A Jona*  
PRESIDENT  
GURUKUL PUBLIC SCHOOL  
AT/OO-HARIDASPUR, DIST. JAJPUR

*[Signature]*  
3.2.2020  
PRINCIPAL  
DAV PUBLIC SCHOOL  
BALASORE