

## BUILDING SAFETY CERTIFICATE

No. CIVIL/LOR/19/06/2025

Dated: 19.06.2025

Certified that the existing building **Buddha Education Centre** (name of the building or premises) at **Muthukulam North, cheppad P.O.**

**Akkappuzha** (address) comprised of **0 (zero)** basement(s) and **Block-1 (G/F+2) Block-2 (G/F+1)** (upper floors) owned/occupied by **Buddha Education Centre**

(name of the Institution) have complied with the Building safety requirements in accordance with National Building code Rules, and verified by the officers concerned of **Dept. of Civil Engg., TKMCE** (Name of Department/ Govt.) on **19/6/2025** (date of inspection) in the presence of **Chandran. P, Principal** (name and addresses of the Manager/Secretary or his representative) and that the building/premises is fit for occupancy upto classes **X** (X/ XII) with effect from **19/6/2025** for a period of **1** years in accordance with rule and subject to compliance of the specific conditions as appended.

- 1.
- 2.
- 3.
- 4.

Issued on **19/6/2025** at **TKMCE** by

\* Strike out whichever is not applicable.

*Haazena R.*  
Prof. HAZEENA R.  
Professor ( Testing and Consultancy )  
Department of Civil Engineering  
TKM College of Engineering, Kollam  
Kerala - 691005, India



*Adarsh S*  
Signature with Seal :

Name : **Dr. Adarsh S**

Designation : **Professor**

*Dr. ADARSH S TKMCE*  
Name & Address of Department/ Office: **Dept. of Civil Engg., TKMCE**  
**Professor and Head, Department of Civil Engineering**  
**TKM College of Engineering**  
**Kollam - 691005**

(Assistant Engineer & above officer of concerned Govt. Department or concerned Officer of

**Note:** This certificate should be signed / issued by Assistant Engineer & above officer of concerned Govt. Department only

**The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.**

*Sudharma A*  
Dr. SUDHARMA A  
MANAGER  
Buddha Education Centre  
Muthukulam, Cheppad. P.O.



*Principals*  
PRINCIPAL  
Buddha Education Centre  
Muthukulam North  
Cheppad P.O. - 690 507



**DEPARTMENT OF CIVIL ENGINEERING  
TKM COLLEGE OF ENGINEERING, KOLLAM - 5**

**STRUCTURAL CONSULTANCY WING**

Ref. No. CIVIL/COR/19/06/2025

Date: 19/06/2025

To

Manager/Principal  
Buddha Education Centre  
Muthukulam North, Cheppad P. O.  
Alappuzha  
Kerala 690506

Sir,

Sub: Structural Stability Evaluation of the school building of Buddha Education Centre  
Muthukulam North, Cheppad P. O., Alappuzha

Ref: Request Letter dated 19/06/2025

I am herewith enclosing the Structural Stability Evaluation Report of the building of Buddha Education Centre, Muthukulam North, Cheppad P. O., Alappuzha

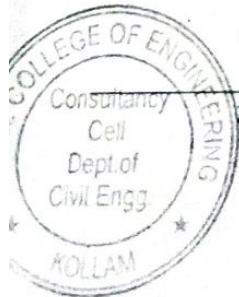
Yours faithfully

for  
PRINCIPAL

Encl: 1) Fitness Certificate

2) Bill of charges

  
**Dr. SUDHARMA A.**  
MANAGER  
Buddha Education Centre  
Muthukulam, Cheppad, P.O.



TKM College of Engineering, Karicode, TKM College PO, Kollam - 691005, Kerala, India

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*HAZEENA R  
026/6/2025*  
*HAZEENA R*  
PRINCIPAL  
Buddha Education Centre  
Muthukulam North  
Cheppad P.O. - 690 507



## DEPARTMENT OF CIVIL ENGINEERING TKM COLLEGE OF ENGINEERING, KOLLAM - 5

### STRUCTURAL CONSULTANCY WING

Ref. No. CIVIL/COR/19/06/2025

Date: 19/06/2025

To

Manager/Principal  
Buddha Education Centre  
Muthukulam North, Cheppad P. O.  
Alappuzha  
Kerala 690506

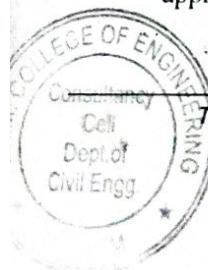
Sir,

Sub: Structural Stability Evaluation of the building of Buddha Education Centre  
Muthukulam North, Cheppad P. O., Alappuzha

Ref: Request Letter dated 19/06/2025

In response to your request dated 19<sup>th</sup> June 2025, our expert faculty in concrete structures, Prof. Hazeena R. from the Department of Civil Engineering, TKM College of Engineering, Kollam, conducted an inspection of the constructed three-storied building Block -I and two storied building Block II of Buddha Education Centre, Muthukulam North, Cheppad P. O., Alappuzha on June 19<sup>th</sup>, 2025. The purpose of this inspection was to evaluate the structural stability of the building and to prepare a structural stability certificate of three-storied Block -I and two storied building Block II of Buddha Education Centre, Muthukulam North, Cheppad P. O., Alappuzha. The following observations were made during the visit:

- The inspected building Block - I is a three- storied (G+2) RCC framed structure located in Muthukulam Village, featuring columns, beams, and concrete roof slab.
- The built-up area of the ground floor is 297 m<sup>2</sup>, a porch area of 30.98m<sup>2</sup>, the first floor is 328 m<sup>2</sup> and the second floor is 328 m<sup>2</sup> and an additional stair room area of 27.45m<sup>2</sup> totaling approximately 1038.9 m<sup>2</sup>.
- The inspected building Block - II is a two- storied (G+1) RCC framed structure located in Muthukulam Village, featuring columns, beams, and concrete roof slab.
- The built-up area of the ground floor is 169.62 m<sup>2</sup> and the first floor is 235.25 m<sup>2</sup> totaling approximately 404.87 m<sup>2</sup>.



Dr. SUDHARMA KAMAL  
MANAGER  
TKM College of Engineering, Kollam, TKM College PO, Kollam - 691005, Kerala, India  
Off. - +91-474-2712024, Fax - +91-474-2712023 Website: [www.tkmce.ac.in](http://www.tkmce.ac.in)  
Buddha Education Centre  
Muthukulam, Cheppad P.O. - 690507



PRINCIPAL  
Buddha Education Centre  
Muthukulam North  
Cheppad P.O. - 690 507

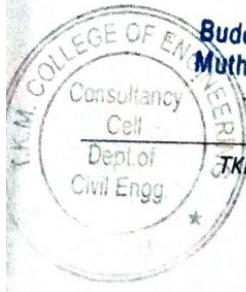
**DEPARTMENT OF CIVIL ENGINEERING  
TKM COLLEGE OF ENGINEERING, KOLLAM - 5**



**STRUCTURAL CONSULTANCY WING**

- The dimensions of the columns and beams are adequate for the given span and loading conditions.
- The rebound hammer test (as per IS 516 (Part 5/Sec 4): 2020) revealed that the average compressive strength of the concrete is 22 N/mm<sup>2</sup> for the columns and 22 N/mm<sup>2</sup> for the beams, and is adjudged to be adequate for the structural stability of the existing building.
- The inspection confirmed that the foundation and plinth/basement are structurally stable and safe, showing no signs of distress. The walls were also found to be in sound condition.
- No distress was observed in any of the building components such as columns, beams, and the roof slab. The building was deemed structurally stable and fit for use under the normal weather and wind conditions.

*G* *S*  
Dr. SUDHARMA. A  
MANAGER  
Buddha Education Centre  
Muthukulam, Cheppad. P.O.



*X* *M* *J* *No*  
PRINCIPAL  
Buddha Education Centre  
Muthukulam-North  
Cheppad P.O. - 690 507



## DEPARTMENT OF CIVIL ENGINEERING TKM COLLEGE OF ENGINEERING, KOLLAM - 5

### STRUCTURAL CONSULTANCY WING

Ref. No. CIVIL/COR/19/06/2025

Date: 19/06/2025

To

Manager/Principal  
Buddha Education Centre  
Muthukulam North, Cheppad P. O.  
Alappuzha  
Kerala 690506

Sir,

Sub: Structural Stability Evaluation of the building of Buddha Education Centre  
Muthukulam North, Cheppad P. O., Alappuzha

Ref: Request Letter dated 19/06/2025

### STRUCTURAL STABILITY CERTIFICATE

Based on the detailed inspection and the non-destructive test (Schmidt Rebound Hammer test as per IS 516 (Part 5/Sec 4) : 2020) carried out on the concrete components of the constructed three-storied building (Block -I) and two storied building (Block II) of Buddha Education Centre, Muthukulam North, Cheppad P. O., Alappuzha on June 19<sup>th</sup>, 2025, it is certified hereby that the three storied school building (G + 2)- Block I and two storied school building (G+ 1)- Block II are structurally stable at present, sound, fit for the purpose, and safe enough to withstand the intended design loads in the normal weather and wind conditions. This structural stability certificate is issued for producing before the concerned authority for getting the fitness certificate of the building. This structural stability certificate is valid only for one year from the date of issue of this certificate.

**Prof. Hazeena R.**

Professor in Charge,

Structural Consultancy

Wing,

Civil Engineering

Department,

TKM College of

Engineering, Kollam.

**Prof. HAZEENA R.**

Professor ( Testing and Consultancy )

Department of Civil Engineering

TKM College of Engineering, Kollam

Kerala - 691005, India

**Dr. Adarsh S.**

Head of the Department,

Civil Engineering,

TKM College of

Engineering, Kollam.

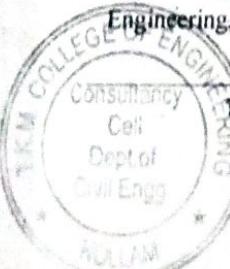
**Dr. ADARSH S**

Professor and Head

Department of Civil Engineering

TKM College of Engineering

Kollam - 691005



TKM College of Engineering, Karicode, TKM College PO, Kollam - 691005, Kerala, India  
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Buddha Education Centre  
Muthukulam, Cheppad. P.O.

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