

BUILDING SAFETY CERTIFICATE

TO WHOM IT MAY CONCERN:-

This is to certify that I, **Er. Dual Nath**, Registered Class-01 Consultant Engineer under the Dharmanagar Municipal Council (DMC), Urban Development Department (UDD), Government of Tripura, have personally visited, inspected, and technically evaluated the educational institutional campus detailed below:

- **Name of the Institute:** Nayapara English Medium H.S (+2 Stage) School
- **Location:** Nayapara, Dharmanagar, North Tripura

The on-site technical inspection was conducted to verify the structural stability, load-bearing competency, construction quality, and overall safety profile of the multi-block school premises for continued educational occupancy.

After rigorous engineering assessment, visual inspection of critical load paths, and cross-checking structural dimensions against standard safety norms, the following official declarations are made:

1. Primary Declaration of Structural & Reinforcement Integrity

That the reinforcement of the RCC buildings (Block-04 and Block-05) and its overall construction quality are structurally sound, safe, and fully capable of sustaining the design dead loads, live loads, and transient lateral forces prescribed for educational structures under the National Building Code (NBC) of India. The concrete matrix exhibits excellent integrity with no structural cracks, shear failures, or structural distress observed.

2. Advanced Technical Points & Safety Observations

- **Slab-to-Beam Load Path Efficiency:** The structural members of the G+1 blocks, maintaining a strict structural total height of **7.20 meters**, feature standardized effective depths and spans. The structural load transmission from the first-floor plinth slabs down through the columns to the isolated/combined footings is direct, uniform, and well-distributed.
- **Effective Weatherproofing and Damp-Proofing:** The roof slabs and intermediate floors show proper geometric gradients towards rainwater downpipes. This prevents structural ponding, eliminating moisture ingress or dampness that could cause spalling of concrete or compromise the reinforcement matrix over long operational cycles.

TECHNICAL SCHEDULE OF CERTIFIED BUILDINGS

The campus premises consists of the following individual blocks with their verified structural dimensions:

Block Designation	Nature of Structure	Floor / Story Configuration	Total Structural Height	Plinth Area / Floor Area
Block-01	Semi-Permanent Building	Single Story Structure	—	185.625 SQM
Block-02	Semi-Permanent Building	Single Story Structure	—	217.50 SQM

Block Designation	Nature of Structure	Floor / Story Configuration	Total Structural Height	Plinth Area / Floor Area
Block-03	Semi-Permanent Building	Single Story Structure	—	301.57 SQM
Block-04	Existing RCC Building	G + 1 Structure	7.20 Mtr	Ground Floor: 176.50 SQM First Floor: 176.50 SQM
Block-05	Newly Constructed RCC Building	G + 1 Structure	7.20 Mtr	Ground Floor: 242.25 SQM First Floor: 242.25 SQM

CONCLUSION & CERTIFICATION

Based on physical structural assessment and engineering diagnostics, it is certified that the building blocks of **Nayapara English Medium H.S (+2 Stage) School** are **structurally safe** for handling active educational operations and student occupancy.

This certificate is issued for structural safety clearance and is valid for a period of **[Insert Validity Period, e.g., One Year / Three Years]** from the date of issuance, subject to standard annual maintenance.

Date of Issue: May 15, 2026

Place of Issue: Dharmanagar, North Tripura

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