

## CONCEPTUAL DESIGNER

**Address:**

No.92, Rathinasabapathy street,  
SBI Bank first floor, Saibaba colony,  
Coimbatore-641038,Tamil Nadu, India.  
email : [conceptualdesigner2015@gmail.com](mailto:conceptualdesigner2015@gmail.com)

**Phone:**

+91 – 9894214124

### DECLARATION

I **M.ASWINTH**, son of R.N.Munusamy residing at No.52, Nehru Nagar west, Civil Aerodrome P.o, Coimbatore – 641014, do hereby declare that i possess the qualification experience specified in Table 2, Rule 11, of the Tamilnadu Public Buildings Licensening Rules 1966, for issuing the certificate of structural soundness of buildings covered by the certificate.

Station : Coimbatore

Date : 07.03.2023.

**Signature of Certified Engineer**

**Name & Address :** M.Aswinth,S/o R.N.Munusamy,  
No.52, Nehru Nagar (West),  
Civil Aerodrome P.o, Coimbatore – 641014.

**Qualification :** **M.E – Structural Engineering (Chartered Engineer)**  
**CE No.AM 158586 – 2, Structural engineer Grade – I**  
**Reg.No. SE/GR-I/19/06/071,Coimbatore LPA.**

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**Experience in years : 12 Years**

### STABILITY CERTIFICATE

#### STATEMENT OF ACCOMPANYING FORM A

(Form of application under sub-section (2) of section 4 of the Tamil Nadu Public Buildings (Licensing) Act 1965, Referred to in rule 3 of the Tamil Nadu public building (Licensing) Rules, 1966)

1. Name of the Building : **SRI VINAYAGA VIDHYALAYA  
SENIOR SECONDARY SCHOOL**
2. Location(Street Number, Ward Number, Name of Place ie, Corporation / Municipality / Panchayat Union / Panchayat / Township / Cantonment) : S.F.NO.535/1 & 536/4 at  
Periya Ranganathapuram,  
Thambada Dasanur, Bujanganur (P.O)  
Kalampalayam Village & Panchayat,  
Mettupalayam Taluk, Coimbatore District.
3. Year of construction : G.F -2006,F.F-2009,S.F – 2015  
Toilet, Store & Canteen - 2006
4. Approximate cost of construction as per current Rates : Rs.360 Lakhs
5. Purpose for which the building is being used or purpose to be used : School Building
6. Purpose for which the building has hitherto been used : School Building
7. Details of construction of the building particulars of foundation soil, Specifications of various parts under: -

#### **R.C.C.FRAMED STRUCTURE:**

- a) Foundation : P.C.C 1:4:8 Mix for Shallow Foundation for column footing
- b) Basement : RR Masonary with CM & RCC Plinth Beam

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- c) Superstructure : Framed Structure & Load Bearing- R.C.C for Columns & Beams,all round wall is constructed with C.M, Finished with plastering with CM & two coats of white Cement

I. Framed structures with reinforcement cement concrete Columns,beams & Slabs.

- i. Maximum span of the beam 6.15 meters.
- ii. Maximum unsupported length of columns 3.60 meters.
- iii. Maximum span of the Truss 14.35 meters.
- iv. Maximum unsupported length of steel columns 5.50 meters.

II. Design load on the Structure for institutional building.

- i. Live load at floor level – 3.0 kN/Sq.m.
- ii. Live load at Roof level – 1.5 kN/Sq.m.
- iii. Live load at Roof level – 0.75 kN/Sq.m. (Steel Truss)

III. Dead Loads assumed other than the self weight.

- i. For floor finishes – 1.5 kN/Sq.m.
- ii. For partitions – 1.5 kN/Sq.m.
- iii. For terrace finish – 2 kN/Sq.m.

IV. Other Service Load as per actual.

- d) Superstructure : Framed Structure & Load Bearing- R.C.C for Columns & Beams,all round wall is constructed with C.M, Finished with plastering with CM & two coats of white Cement
- e) Floor & Roof : Tile flooring & R.C.C Sheet Roofing
- f) No.of.Stories : G + 3 Floor only.

8. Doors & Windows : Steel & Wood doors and Grills with Glazed Windows

9. Period which license is required : (08.03.2023 to 07.03.2026) - 3 years

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**BUILD UP AREA DETAILS:-**

<b>AREA OF G.F R.C.C ROOF BUILDING NORTH FACING:</b>	<b>= 6062.00 SFT</b>
<b>AREA OF F.F R.C.C ROOF BUILDING NORTH FACING:</b>	<b>=6062.00 SFT</b>
<b>AREA OF S.F R.C.C ROOF BUILDING NORTH FACING:</b>	<b>= 6062.00 SFT</b>
<b>AREA OF G.F R.C.C HIGH ROOFRECEPTION (including Portico):</b>	<b>= 591.00 SFT</b>
<b>AREA OF G.F R.C.C ROOF BUILDING SOUTH FACING:</b>	<b>= 3773.00 SFT</b>
<b>AREA OF F.F R.C.C ROOF BUILDING SOUTH FACING:</b>	<b>= 4615.00 SFT</b>
<b>AREA OF S.F R.C.C ROOF BUILDING SOUTH FACING (community hall):</b>	<b>= 4920.00 SFT</b>
<b>AREA OF T.F G.I SHEET ROOF BUILDING SOUTH FACING:</b>	<b>= 734.00 SFT</b>
<b>AREA OF G.F R.C.C ROOF BUILDING EAST FACING:</b>	<b>= 1775.00 SFT</b>
<b>AREA OF F.F R.C.C ROOF BUILDING EAST FACING:</b>	<b>=1775.00 SFT</b>
<b>AREA OF S.F R.C.C ROOF BUILDING EAST FACING:</b>	<b>= 1775.00 SFT</b>
<b>AREA OF G.F R.C.C ROOF KITCHEN &amp; DINING BUILDING:</b>	<b>= 2152.00 SFT</b>
<b>AREA OF G.F AC SHEET ROOF TOILET BUILDING:</b>	<b>= 1633.00 SFT</b>

**Date: 07.03.2023**

**Place: Coimbatore**

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### Signature of Certified Engineer

#### FORM B

(Form of certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Buildings (Licensing) Act, 1965 Referred to in rule 4 of the Tamil Nadu public building (Licensing) Rules, 1966)

- |   |   |  |
|---|---|--|
| 1. Name of the Building   | : | <b>SRI VINAYAGA VIDHYALAYA<br/>SENIOR SECONDARY SCHOOL</b>   |
| 2. Location(Street Number, Ward Number, Name of Place ie, Corporation / Municipality / Panchayat Union / Panchayat / Township / Cantonment) | : | S.F.NO.535/1 & 536/4 at<br>Periyaranganathapuram,<br>Thambada Dasanur, Bujanganur post of<br>Kalampalayam Village & Panchayat,<br>Mettupalayam Taluk, Coimbatore District. |
| 3. Year of construction   | : | G.F – 17 yrs, F.F – 14yrs, S.F – 8years<br>Toilet, Store & Canteen – 17 years  |

I certify that i have inspected the **Existing School Building** mentioned in the statement and Furnish below its salient technical features:

- |  |   |  |
|--|---|--|
| 1. Foundation.   |   |  |
| (i) Depth below ground level   | : | 6'-0"  |
| (ii) Nature of soil met with a foundation level                          | : | Hard Gravel  |
| (iii) Pressure at foundation   | : | 180 KN / Sq.m [18 T / Sq.m]                              |
| (iv) Probable safe bearing capacity of the Strata met with at foundation | : | 330 KN / Sq.m [33 / Sq. m]                               |
| 2. Super Structure:-   |   |  |
| a) Maximum stress in the most critical section masonry & concrete        | : | Masonry – 12.5 M.T / Sq.ft.<br>Concrete – 50 Kg / Sq.cm. |
| b) Nature of masonry & concrete and its safe permissible stress          | : | Masonry – 35 M.T / Sq.ft.<br>Concrete – 100 Kg / Sq.cm   |

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3. Condition of the building : Good.

4. Any partition walls intermediate floor which do not  
have proper support : No

5. Condition of the building : Good.

6.Verandah Pillars

Present Condition & Structural Soundness : Good

7.Floor & Roof Details

Present Condition & Structural Soundness : Good

8. Roof Truss & purlins

Present Condition & Structural Soundness : Good

This is to certify that the existing school building has been designed according to I.S.loading standards 875 (Latest version) and other relevant Indian Standard code of practice and declare that the building will be structurally sound and to be used as a public building for the purpose noted in the statement. A License may be granted for the period from **08.03.2023 to 07.03.2026.**

**Date: 07.03.2023**

**Place: Coimbatore.**

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### FORM C

(Form of certificate of structural soundness under sub-section (10) of section 5 of the Tamil Nadu Public Buildings (Licensing) Act, 1965 (Tamil Nadu Act 13 of 1965)

Referred to in rule 4 of the Tamil Nadu public building (Licensing) Rules, 1965)

Name of the Building : **SRI VINAYAGA VIDHYALAYA  
SENIOR SECONDARY SCHOOL**

1. Location for the building – Door number  
Street and name of the place :  
Union / Panchayat / Township / Cantonment) : S.F.NO.535/1 & 536/4 at  
Periyaranganathapuram,  
Thambada Dasanur, Bujanganur post of  
Kalampalayam Village & Panchayat,  
Mettupalayam Taluk, Coimbatore District.
2. Purpose for which the building is certified for use : School Building.
3. Is Lift Provided : **No**
4. Is Lift, Ramp & Stair case Provided : **Yes**
5. Fire Safety Equipments : Fire Hydrants in Each floor Provided.
6. Present Condition of Building Allround : Good
7. Total number of persons to be accommodated : 1000 nos
7. Period of Building which will be structurally sound : **3 Years ( 08.03.2023 to 07.03.2026)**

**Date: 07.03.2023**

**Place: Coimbatore.**

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### SEISMIC FORCE RESISTANCE CERTIFICATE

I certify that the proposed construction of **Existing School Building** mentioned in the statement and  
Furnish below its salient technical features:

1. Earthquake Resistant Factors.

(i) Zone No	:	III
(ii) Seismic Zone Factor	:	0.20
(iii) Basic Seismic Co-Efficient	:	0.04
(iv) Basic Wind Speed	:	39 m/sec

2. Foundation.

(i) Depth below ground level	:	10'-0"
(ii) Nature of soil met with a foundation level	:	Soft disintegrated rock & sandy Soil
(iii) Co-Efficient of Soil Foundation	:	1.0

This is to certify that the **Existing School building** constructed has been designed according to I.S.loading standards 875 (Latest version), I.S.1893 (Latest version), and other relevant Indian Standard code of practice and declare that the building will be Earthquake resistant Structure and to be used as a public building for the purpose noted in the statement.

**Date: 07.03.2023**

**Place: Coimbatore.**