

Er. D.NATARAJAN, B.E.(CIVIL),M.I.E.,  
STRUCTURAL ENGINEER, CHARTERED ENGINEER  
REGISTERED&APPROVED ENGINEER  
BY THE BOARD OF ENGINEERS, TAMIL NADU.

Res cum off : 50-A, 3<sup>rd</sup> Street,  
Somasundaram Nagar.  
Palanipet,  
Arakkonam - 631002  
Cell: 9443106470, 8056631312  
Email : dnatarajan8@gmail.com

**STRUCTURAL SOUNDNESS CERTIFICATE RELATING TO SCHOOL**  
**STATEMENT ACCOMPANYING FORM - A**

1. Name of the School and Door no of the Building : **VELAMMAL VIDYALAYA**  
Paruthipattu, Poonamallee Taluk,  
Tiruvallur District.
2. Location (street No. Ward No. Name of place, ie., Corporation, Municipality/ Panchayat Union/ Panchayat/Township/Cantonment : S.F. Nos. 587/2, 596/1B, 2, 597/2, 598/1,2; T.S. No. 36/3, 4, 38/8  
39/4, 40/5 & 40/6  
Paruthipattu, Poonamallee Taluk,  
Tiruvallur District.
3. Year of construction : Ground, First & Second Floor : RCC Roof : 2015  
Third Floor : RCC : 2021
4. Approximates cost of construction as per current rate : Rs. 1200.00 Lakhs
5. Purpose for which the building is being used or proposed to be used : Educational
6. Purpose for which the building has hitherto been used : Educational
7. Details of construction of the building (particulars of the foundation, soil, Specification of various parts under : **RCC Framed Structure**  
(i) Foundation : RCC Column & Isolated Footing  
(ii) Basement : RCC Column, Plinth Beam & Brick in CM  
(iii) Superstructure : RCC Column & Brick in CM  
(iv) Floor & Roof are to be given : Flooring: Tiles  
Roof: RCC Slab
8. Period for which the license is require : May be issued FROM **01.06.2024 to 31.05.2027**  
(For Three years only)
9. Number of persons to be accommodated Refer "ANNEXURE" to this : **Five Thousand One Hundred (5100) Pupils only**

Place : Arakkonam

Date : 17-09-2024

Signature of the Principal

**PRINCIPAL**  
**VELAMMAL VIDYALAYA**  
VELAMMAL AVENUE, KOLADI ROAD,  
PARUTHIPATTU, AVADI, CHENNAI-71.

Signature of the Engineer

**Er.D.NATARAJAN,B.E.,(CIVIL)M.E.**  
**Approved Panel Engineer Class 1 A**  
**By the Board of Engineers**  
Tamil Nadu P.W.D.  
# 50A, 3rd Street,  
S.S. Nagar, Palanipet,  
Arakkonam - 631 002.  
Cell : 94431 06470, 80566 31312

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FORM – B

**STATEMENT ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS**  
**VELAMMAL VIDYALAYA, PARUTHIPATTU**

FORM OF CERTIFICATE OF STRUCTURAL SOUNDNESS UNDER TAMILNADU COMBINED  
DEVELOPMENT AND BUILDING RULES 2019.

I Certify, that I have inspected the building mentioned in the statement and furnished below its salient technical features.

1. **Foundation:**

- |      |  |                   |
|------|--|-------------------|
| i.   | Depth below ground level                         | : 07 ft below G.L |
| ii.  | Nature of soil met out in the foundation         | : Hard Soil       |
| iii. | Pressure at foundation                           | : 11 tones / Sq.m |
| iv.  | Probable safe bearing capacity of the foundation | : 18 tones / Sq.m |

2. **Superstructure:**

- |     |   |  |
|-----|---|--|
| i.  | Maximum stress in most critical<br>Sections of masonry and concrete | a) R.C.C Concrete : 35 Kg / Sq.cm<br>b) Masonry : 08 tones / Sq.m. |
| ii. | Nature of masonry and concrete<br>And its safe permissible stress   | : Brick masonry in cm: 30 tones / Sq.m.<br>R.C.C : 40 Kg / Sq.cm.  |

The Structural of the building has been verified by me with reference to ISIS loading standards 875 (Latest version) and other relevant Indian Standard code of practices I declare that the building is structurally sound to be used as a public building for the purpose noted in the statement. This Certificate does not include any Thatched sheds and also any flammable building material utility. Proper toilet facilities to be provided as per norms. If any thatched sheds are found at a later period after issue of this certificate / License this certificate gets invalid. A license may be granted for the period from 01.06.2024 to 31.05.2027.

Signature of the Principal

PRINCIPAL  
VELAMMAL VIDYALAYA  
VELAMMAL AVENUE, KOLADI ROAD,  
PARUTHIPATTU, AVADI, CHENNAI-71.

Signature of the Engineer

Er.D.NATARAJAN,B.E.,(CIVIL),M.I.E.,  
Approved Panel Engineer Class 1 A  
By the Board of Engineers  
Tamil Nadu P.W.D.  
# 50A, 3rd Street,  
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FORM – C

**STATEMENT ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS**

**VELAMMAL VIDYALAYA, PARUTHIPATTU**

Form of certificate of structural soundness under Tamilnadu Combined Development and Building Rules 2019.

Certify that have inspected the building mentioned in the statement below and I have satisfied myself the building is structural sound to be used as a public building for the purpose note in the statement. The structural soundness of the building has been verified taking into account the loading as per latest Indian standard 875.

Location of the building door No. street name and name of the place	Age of the building	Value of the Building	No. of Storeys	Short Description of structure steel RCC framed or load bearing masonry
1.	2.	3.	4.	5.
<b>VELAMMAL VIDYALAYA</b> Paruthipattu, Poonamallee Taluk, Tiruvallur District.	<u>Ground, First &amp; Second Floor :</u> RCC : 08 Years <u>Third Floor :</u> RCC : 02 Years	Rs. 1200.00 Lakhs	Ground Floor + 3	RCC Framed Structure

Purpose for which the building is certified for use	The Period for which the building will be structurally sound	No of the persons to be accommodated	Remarks
6.	7.	8.	9.
Educational Purpose	License may be issued for the period of Three Years from <b>01.06.2024 to 31.05.2027</b>	5100 Pupils only	Building is structurally sound

Signature of the Principal

PRINCIPAL  
VELAMMAL VIDYALAYA  
VELAMMAL AVENUE, KOLADI ROAD,  
PARUTHIPATTU, AVADI, CHENNAI-71.

Signature of the Engineer

Er.D.NATARAJAN,B.E.,(CIVIL)MIE.,  
Approved Panel Engineer Class 1 A  
By the Board of Engineers  
Tamil Nadu P.W.D.  
# 50A, 3rd Street,  
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**FORM – E**

**STATEMENT ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS**

**VELAMMAL VIDYALAYA, PARUTHIPATTU**

Form of report to be made to the competent authority by inspecting authorities or officers under Tamilnadu Combined Development and Building Rules 2019.

1. Name and Designation of inspecting authority or officer appointed or having jurisdiction under any other Act or law. : Er. D.NATARAJAN, B.E. (CIVIL), M.I.E.  
STRUCTURAL ENGINEER, CHARTERED ENGINEER  
REGISTERED & APPROVED ENGINEER  
BY THE BOARD OF ENGINEERS, TAMILNADU.  
PANEL ENGINEER CLASS 1A,  
TIRUVALLUR DISTRICT
2. Location of the building inspected (Door Number, Street Number, Name of place, i.e. Municipal Corporation / Municipality / Panchayat or Panchayat Union/Township/Cantonment.) : S.F. Nos. 587/2, 596/1B, 2, 597/2, 598/1, 2;  
T.S. No. 36/3, 4, 38/8, 39/4, 40/5 & 40/6  
Paruthipattu, Poonamallee Taluk,  
Tiruvallur District
3. Date of Inspection : 17-09-2024
4. Purpose for which the building is used : Educational Purpose
5. Nature of defects noticed : No defects found
6. Suggestions for rectifying defects : Nil
7. If in a dangerous condition, immediate Steps recommended to be taken : Nil

  
PRINCIPAL  
VELAMMAL VIDYALAYA  
VELAMMAL AVENUE, KOLADI ROAD,  
PARUTHIPATTU, AVADI, CHENNAI-71.

  
Signature of the Engineer  
Er.D.NATARAJAN,B.E.,(CIVIL)M.I.E.,  
Approved Panel Engineer Class 1 A  
By the Board of Engineers  
Tamil Nadu P.W.D.  
# 50A, 3rd Street,  
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