

Er.K.G.MANIVACHAKAM,B.E.,M.I.E.,F.I.V.,

Class IA Registered Engineer, (PANEL REG.No.AEE/T1/B/94630/96, Competent person to release structural soundness Certificate for public buildings, Chartered Engineer (India) IEI(REG.No.M-111304/0), PPE IV- REG.No.F-10285, Reg.No.under section 34AB of Wealth Tax Act – Category I/566 of 2002 – 2003, Approved Valuer/Civil Engineer, Panel Valuer of Banks

Certificate of Structural Soundness for the School

Statement Accompanying Form - A

1. Door Number of building : **Arcot Ramaswami Lakshmanaswami
Mudaliar Vidyalayam**
2. Location (Street, Name, Ward Number,
Name of place, i.e. Corporation/Municipality/
Panchayat/Panchayat Union/Township/
Contonment, etc.,) : Door No.1, Kali Koil Street,
Old T.S.Nos.1915/2,2051/1A & 2065/1
New T.S.Nos.1679, 1765/1 & 1779/1
Ward No.7, Block No.21 & 24
Vilvanagar
Manjakuppam
Cuddalore District – 607 001
3. Year of construction : Block -I Sir ARM Block : 1983
Block- II Sir ALM Block : 1990
Open Air Theatre Stage : 1995
Block – III
High School Block : 1996
Block – IV-Millennium block : 2000
Block – V – Watchman block : 2000
Block – VI – Indoor Sports Arena : 2007
Block –VII – Laboratory Block : 2010
4. Approximate cost of construction as
per current rates : Rs.12,00,00,000-
(Rs.Twelve crores only)
5. Purpose for which the building is being
used or proposed to be used : Class rooms,office, Principal room
Laboratory, Library, Computer room,
Indoor game, stores, stage and toilets
6. Purpose for which the building has now
been used : -do-

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CLASS-IA REGISTERED PANEL ENGINEER
Under Tamil Nadu Public Building Lic. Act.)
Chartered Engineer, Approved Valuer,
Registered Structural Engineer,
Reg. No: RSE/GR11/VD/Sep-2024/021
Villupuram District,
D.No:3/201, First Cross Street, Friends Nagar,
Semmandalam, Cuddalore - 607 001

Address : 3/201, 1st Cross street, Friends Nagar, Cuddalore -607 001.(TN)

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7. Details of construction of the building
(particulars of the foundation soil,
specification of the various parts
under)

- | | | |
|--------------------|---|--|
| a) Foundation | : | RCC footings and conventional spread footings |
| b) Basement | : | Brick masonry with cement mortar |
| c) Superstructure | : | Brick masonry with cement mortar |
| d) Floor Finishing | : | Cement mortar floor finishing partly with mosaic tiles and partly with Ceramic tiles |
| e) Roof | : | RCC roof slab |

f) Area of the building	:		Sq.Ft.	Sq.M.
		Block - I		
		Sir.A.Ramaswami		
		Mudaliyar block		
		Ground floor	3289.00	305.88
		First floor	3289.00	305.88
		Block - II		
		Sir.A.Lakshmanaswami		
		Mudaliyar Block		
		Ground floor	3813.44	354.65
		First floor	3813.44	354.65
		Second floor	3813.44	354.65
		Toilet block	548.76	51.00
		Block - III		
		High School Block		
		Ground floor	6596.88	613.51
		First floor	6596.88	613.51
		Second floor	6596.88	613.51
		Head room	226.82	21.08
		Block - IV		
		Millennium Block		
		Ground floor	9461.00	879.20
		First floor	8313.08	772.60
		Second floor	2639.06	245.20

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Reg. No: RSE/GR11/VD/Sep-2024/021

Villupuram District,

No: 3/201, First Cross Street, Friends Nagar,

Chinnamandalam, Cuddalore - 607 001

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Block – V		
Watchman shed	311.61	28.96
Block – VI		
Indoor Sports Arena		
Ground floor	8967.00	833.36
Mezzanine floor	753.92	70.08
Head room	753.92	70.08
Block – VII		
Laboratory block		
Ground floor	3883.91	360.95
First floor	3532.38	328.28
Second floor	3532.38	328.28
Head room	426.43	39.63
Open Air Theatre (Stage)	795.94	73.94

Period for which licence is required : From 01-06-2025 to 31-05-2028

9. Number of persons to be accommodated : 4000 Nos (capacity)

“ Certified that no addition or alteration has been made to the existing (Arcot Ramaswami Lakshmanaswami Mudaliar Vidyalayam, Door No.1, Kali Koil Street, Old T.S.Nos.1915/2,2051/1A & 2065/1, New T.S.Nos.1679, 1765/1 & 1779/1, Ward No.7, Block No.21 & 24, Vilvanagar, Manjakuppam,Cuddalore District – 607 001.) building or portion of a building for which this application has been made.I undertake to obtain a fresh licence in case anyaddition or alteration is made to the existing building or portion of building. I also undertake to obtain a fresh licence if the purpose for which the licence was granted for the use of the building or a portion of the building originally is changed or altered subsequently.”

Date :

Signature of the owner of the building

Date : 06-02- 2025

Signature of the Class IA Registered Panel Engineer

Address : 3/201, 1st Cross street, Friends Nagar,

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 Registered Structural Engineer,
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 Villupuram District,
 No: 3/201, First Cross Street, Friends Nagar,
 Mandalam, Cuddalore - 607 001

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Form –B

(Form of Certificate of structural soundness under sub-section (4) of section 4 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 Buildings (licensing) Rules . 1966)

I certify that I have inspected the building of Arcot Ramaswami Lakshmanaswami Mudaliar Vidyalayam, Door No.1, Kali Koil Street, Old T.S.Nos.1915/2,2051/1A & 2065/1, New T.S.Nos.1679, 1765/1 & 1779/1, Ward No.7, Block No.21 & 24, Vilvanagar, Manjakuppam, Cuddalore District – 607 001. mentioned in the statement and furnish below its salient technical features, and the same is based on the data ,measurements and specifications found in the site of the subject school physically.

I. Foundation :

- | | | |
|--|---|---|
| 1. Depth below Ground level | : | RCC footings : 2.10 and 1.83 M
Conventional spread footings : 1.50 M |
| 2. Nature of soil met with at foundation level | : | Sandy clay |
| 3. Pressure at foundation | : | 7.00 M.Ton/Sq.M. |
| 4. Probable safe bearing capacity of the soil met with at foundation | : | 20.00 M.Ton/Sq.M. |

II. Superstructure:

- | | | |
|--|---|---|
| 1. Maximum stress in the most critical section of masonry and concrete | : | 1600 ksc |
| 2. Nature of masonry and concrete and its permissible stress | : | Brick masonry with cement mortar-3000ksc
and concrete – 5000 ksc |

The structural soundness of the building has been verified by me with reference to ISI loading standards 878 (Latest version) and other relevant Indian Standards Code of practice and I declare that the building is structurally sound to be used as a public building for the purpose noted in the statement. A licence may be granted for the Period from 01-06-2025 to 31-05-2028

Date : 06-02-2025

Address : 3/201, 1st Cross street, Friends Nagar, Cuddalore.

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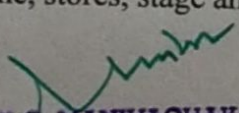
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Form –C

Statement to Accompany the certificate of Structural soundness

- | | | |
|--|---|--|
| 1. Location of the building, door number, street and name of the place | : | Arcot Ramaswami Lakshmanaswami
Mudaliar Vidyalayam
Door No.1, Kali Koil Street,
Old T.S.Nos.1915/2,2051/1A & 2065/1
New T.S.Nos.1679, 1765/1 & 1779/1
Ward No.7, Block No.21 & 24
Vilvanagar
Manjakuppam
Cuddalore District – 607 001 |
| 2. Age of the building | : | Block -I Sir ARM Block : 42 years
Block- II Sir A LM Block : 35 years
Open Air Theatre (Stage) : 30 years
Block – III
High School Block : 29 years
Block – IV-Millennium block : 25 years
Block – V – Watchman block : 25 years
Block – VI – Indoor Sports Arena : 18 years
Block –VII – Laboratory Block : 15 years |
| 3. Number of Storeys | : | Block 1 & VI : Two storeyed
Block-II, III,IV,VII : Three storeyed
Block – V and Stage : Single storeyed |
| 4. Short description of structures steel/ Rcc framed or load bearing masonry | : | RCC framed Structure except
Block -I Load bearing structure |
| 5. Purpose for which the building is certified for use | : | Class rooms,office, Principal room
Laboratory, Library, Computer room,
Indoor game, stores, stage and toilets |


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6. The period for which the building will be structurally sound : Three years from 01-06-2025 to 31-05-2028
7. Number of persons to be accommodated : 4000 Nos (Capacity)
8. Remarks : Building is Structurally sound ,strong and stable

Date : 06-02-2025


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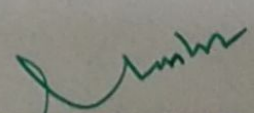
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Form – E

(Form of report to be made to the competent authority by inspecting authorities or officers appointed under other Act Under Section 28 of the Madras Public Buildings Licensing) Act. 1965 (Madras Act 13 of 1985) referred to in rule 7 of the Madras Public Building Licensing Rules. 1966.

- | | |
|--|---|
| 1. Name and designation of inspecting authority or officer appointed or having jurisdiction under any other Act or law : | Er.K.G.Manivachakam
B.E.,M.I.E.,F.I.V.,
Registered Engineer Class I.A
3/201, Ist Cross Street
Friends Nagar
Cuddalore – 607 001. |
| 2. Location of the building inspected
D.No. Street No. Name of place i.e.
Municipal corporation / Municipality/
Panchayat or Panchayat Union/
Township/Contonment. : | Arcot Ramaswami Lakshmanaswami
Mudaliar Vidyalayam
Door No.1, Kali Koil Street,
Old T.S.Nos.1915/2,2051/1A & 2065/1
New T.S.Nos.1679, 1765/1 & 1779/1
Ward No.7, Block No.21 & 24
Vilvanagar
Manjakuppam
Cuddalore District – 607 001 |
| 3. Date of Inspection : | 29-01-2025 |
| 4. Purpose for which the building is used : | Class rooms, office, Principal room
Laboratory, Library, Computer room,
Indoor game, stores, stage and toilets |
| 5. Nature of defects noticed : | Nil |
| 6. Suggestion of rectifying defects : | Nil |
| 7. If in a dangerous condition immediate action recommended to be taken : | Nil |

Date : 06-02 -2025


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