

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 : Chanakya Vidhyashram
2. Location (Street, Name, Ward Number, Name of place, i.e.Corporation/Municipality/ Panchayat/Panchayat Union/Township/ Contonment, etc.,) : E.C.R Road
R.S.Nos.684/1C1, 684/1C2A,684/1C2B, 684/1C3
684/1C4, 685/3A3, 685/3B2A1 & 685/4
Marakkanam Town Panchayat
Marakkanam Taluk,
Villupuram District
3. Year of construction : 2017
4. Approximate cost of construction as per current rates : Rs.14,00,00,000-
(Rs.Fourteen crores only)
5. Purpose for which the building is being used or proposed to be used : Class rooms, Administrative office, Principal room, staff room, Laboratories, Multipurpose hall and toilets,
6. Purpose for which the building has now been used : -do-
7. Details of construction of the building (particulars of the foundation soil, specification of the various parts under)
- a) Foundation : RCC footings
- b) Basement : Brick Masonry with cement mortor
- c) Superstructure : Brick masonry with cement mortor
- d) Floor Finishing : Granite tiles floor finishing
- e) Roof : RCC roof

Address : 3/201, Ist Cross street, Friends Nagar, Cuddalore, Tamil Nadu

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(Under Tamil Nadu Public Building Lic. Act.)
COLLECTERATE PANEL ENGINEER,
Chartered Engineer, Approved Valuer,
Registered Structural Engineer,
Reg. No: RSE / Gr-II / VR / MAY-2019 /007
Villupuram Region,
D.No: 3/201, First Cross Street, Friends Nagar
SEMMANDALAM, CUDDALORE 607 001

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	Sq.Feet	Sq.M.
f) Area of the building :		
Ground floor	39379.77	3659.83
Portico	974.64	90.58
First floor	34014.62	3161.21
Second floor	23552.56	2188.90

8. Period for which licence is required : From 20-01-2024 to 19-01-2027

9. Number of persons to be accommodated : 2400 Nos. (capacity)

“ Certified that no addition or alteration has been made to the existing (Chanakya Vidhyashram E.C.R Road, R.S.Nos.684/1C1, 684/1C2A,684/1C2B, 684/1C3,684/1C4, 685/3A3, 685/3B2A1 & 685/4, Marakkanam Town Panchayat,Marakkanam Taluk, Villupuram District) building or portion of a building for which this application has been made.I undertake to obtain a fresh licence in case any addition 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 : 21-12-2023

Signature of the Registered Engineer

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 T.EMMANDALAM, CUDDALORE 607 001

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

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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 Chanakya Vidhyashram,E.C.R Road, R.S.Nos.684/1C1, 684/1C2A,684/1C2B, 684/1C3,684/1C4, 685/3A3, 685/3B2A1 & 685/4 , Marakkanam Town Panchayat,Marakkanam Taluk, Villupuram District . 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 | : | 3.05 M |
| 2. Nature of soil met with at foundation level | : | Sea Soil |
| 3. Pressure at foundation | : | 7.00 M.Tons / 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 - 3000 ksc 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 20-01-2024 to 19-01-2027

Date : 21-12-2023

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

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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 | : | Chanakya Vidhyashram
E.C.R Road,
R.S.Nos.684/1C1,684/1C2A,684/1C2B, 684/1C3
684/1C4, 685/3A3, 685/3B2A1 & 685/4
Marakkanam Town Panchayat,
Marakkanam Taluk,
Villupuram District . |
| 2. Age of the building | : | 6 years |
| 3. Number of Storeys | : | Three Storeyed |
| 4. Short description of structures steel/ Rcc framed or load bearing masonry | : | RCC framed Structures |
| 5. Purpose for which the building is certified for use | : | Class rooms, Administrative office, Principal room, staff room, Laboratories Multipurpose hall and toilets, |
| 6. The period for which the building will be structurally sound | : | <u>Three years 20-01-2024 to 19-01-2027</u> |
| 7. Number of persons to be accommodated | : | 2400 Nos (capacity) |
| 8. Remarks | : | Building is Structurally Sound and Stable |

Date : 21-12-2023

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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 : Chanakya Vidhyashram
D.No. Street No. Name of place i.e. E.C.R Road
Municipal corporation / Municipality/ R.S.Nos.684/1C1,684/1C2A,684/1C2B, 684/1C3
Panchayat or Panchayat Union/ 684/1C4, 685/3A3, 685/3B2A1 & 685/4
Township/Contonment. Marakkanam Town Panchayat,
Marakkanam Taluk,
Villupuram District .
3. Date of Inspection : 20-12-2023
4. Purpose for which the building is used : Class rooms, Administrative office, Principal
room, staff room, Laboratories Multipurpose hall
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 : 21-12-2023

Address : 3/201, Ist Cross street, Friends Nagar, Cuddalore - 607 001 (T.N.)

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