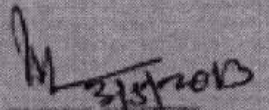


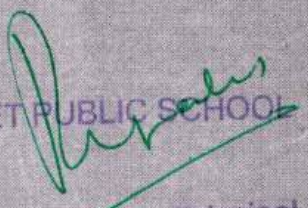
कार्यालय ग्रामीण अभियन्त्रण विभाग, प्रखण्ड- मेरठ ।  
प्रमाण-पत्र

पत्रांक 36 / ग्रा0अ0वि0 / एस0टी0 / नेश0बि0को0 / 2013-14 / दिनांक 3-5, 2013

1. विद्यालय का नाम :- एम0आई0ई0टी0 पब्लिक स्कूल, 6<sup>th</sup> माईल स्टोन, मवाना रोड, मेरठ ।
2. विकास खण्ड :- मेरठ,
3. पहुँच मार्ग :- है
4. सेट बैक :- उपलब्ध है

उक्त विद्यालय में भवन का निर्माण कार्य जी + 3 मंजिल का पूर्ण है । विद्यालय में शिक्षण कक्ष, लैट्रीन/बाथरूम एवं जीने का निर्माण कार्य मानको के अनुसार पूर्ण है । विद्यालय में सैनेटरी एवं स्वच्छ पेयजल व्यवस्था है । भवन का निर्माण नेशनल बिल्डिंग कोड-2005 के भाग-4 के अनुसार सुरक्षित एवं मजबूत है ।

  
सहायक अभियन्ता  
ग्रामीण अभियन्त्रण विभाग  
प्रखण्ड- मेरठ

For MIET PUBLIC SCHOOL  
  
Principal

For MIET PUBLIC SCHOOL  
  
Manager



**STRUCTURAL SAFETY AND NATURAL HAZARD PROTECTION OF BUILDINGS**  
(उपविधि संख्या-13.1)

1. Requirements specified in the following Indian Standards, Codes and guidelines and other documents needs to be observed for structural safety and natural hazard protection of buildings etc:-

**a) For General Structural Safety**

1. IS : 1905 -1987 "Code of Practice for Structural use of unreinforced Masonry (third revision)" Indian Standards Institution, March 1981
2. IS : 1904 -1978 "Code of Practice for Structural Safety of Buildings : Foundations" Indian Standards Institution .....
3. IS : 456 -2000 "Code of Practice for Plain and Reinforced Concrete" Indian Standards Institution, September 2000
4. IS : 800 -1984 "Code of Practice for general Construction in Steel" Indian Standards Institution, February, 1985
5. IS : 883 -1966 "Code of Practice for Design of Structural Timber in Building", Indian Standards Institution, March, 1967
6. IS 875 (Part 2) : 1987 "Code of Practice for design loads (other than earthquake) for building and structures : Part 2 Imposed loads (Second revision)
7. IS 875 (Part 3) : 1988 "Code of Practice for design loads (other than earthquake) for building and structures : Part 3 Wind loads (Second revision)
8. IS 875 (Part 5) : 1987 "Code of Practice for design loads (other than earthquake) for building and structures : Part 5 Special loads and load combinations (Second revision)

Besides, any other relevant Indian Standards will need to be referred to.

**b) For Earthquake Protection**

6. IS : 1893 (Part 1) "Criteria for Earthquake Resistant Design of Structures ; General Provisions and Buildings Part 1(fifth Revision)"
7. IS : 13920-1993 "Ductile Detailing of Reinforced Concrete Structures subjected to Seismic forces- Code of Practice" November 1993
8. IS : 4326-1993 "Code of Practice for Earthquake Resistant Design and Construction of Buildings (Second Revision)" October 1993
9. IS : 13828-1993 " Improving Earthquake Resistance of Low Strength Masonary Buildings - Guidelines " August 1993
10. IS : 13827-1993 " Improving Earthquake Resistance of Earthen Buildings - Guidelines " October 1993
11. IS : 13935-1993 " Repair and Seismic Strengthening of Buildings - Guidelines" November 1993

Vishnu Education Foundation

V. Saran  
Trustee



For MIET PUBLIC SCHOOL

*[Signature]*  
Principal

For MIET PUBLIC SCHOOL

*[Signature]*  
Manager



12. "Improving Earthquake Resistance of Buildings - Guidelines" by Expert Group, Government of India, Ministry of Urban Affairs & Employment, published by Building Materials and Technology Promotion Council, 1998
13. The National Building Code of India-2005  
For location of the building in hazard prone area of earthquakes, cyclone or wind storms and floods, reference may be made to the following:
14. "Vulnerability Atlas of India", by Expert Group, Government of India, Ministry of Urban Affairs & Employment, published by Building Materials and Technology Promotion Council, 1997

**Note:**

1. As and when anyone of the above referred standards and documents is revised, the design and construction of buildings thereafter must satisfy the latest version for approval of the building plans by the concerned local authority.

Vishnu Education Foundation

VSaran

K. M. S.



For MIET PUBLIC SCHOOL

*[Signature]*  
Principal

For MIET PUBLIC SCHOOL

*[Signature]*  
Manager



MIET PUBLIC  
SCHOOL

# BUILDING INFORMATION SCHEDULE

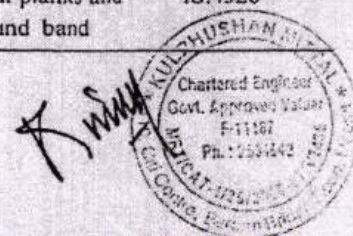
(उपविधि संख्या-13.2)

परिशिष्ट-8  
(पृष्ठ-1/2)

1.	Building Address	Plot No.	Scheme/Colony	Town	District
2.	Building function & Locations	K.H.No. 171/2, 172/1, Village Jaula, Jaula, MEBRIT			
2.1	Use	Institutional	Commercial	Industrial	*
2.2	Importance	Ordinary	Important	Hazardous	* IS:1893
2.3	Seismic Zone (Design Intensity Used)	V(IX)	IV(VIII)	III(VII)	II(VI) IS:1893
3.	Design EQ Factor	$\alpha = 0.05$	$I = 1.0$	$\beta = 1.0$	$\alpha_h = 0.05$ IS:1893
4.	Foundation				
4.1	Soil type at site (Note 2)	Rock/stiff Medium	Soft	Liquefiable	Expensive (B.C.) IS:1904
4.2	Type of Foundation	Strip	Indiv.Col.	Fottings/Raft	Bearing Piles Friction Piles IS:1893
5. Load Bearing Wall Buildings					
5.1	Building Category	A ( $\alpha < 0.05$ ) B ( $\alpha = 0.05$ to $0.06$ ) C ( $\alpha = 0.06$ to $0.08$ ) D ( $\alpha = 0.08$ to $0.12$ ) E ( $\alpha > 0.12$ ) IS:4326			
5.2	Bearing Walls	Brick	Stone	Solid Block	Hollow Block Adobe
5.3	Mortar (note 4)	C : S = 1 : ...	C : L : S = 1 : ...	L : S = 1 : ...	Clay Mud *
5.4	Floors	R.C.slabs	Stone slabs on joists	Prefab flooring elements	*
5.5	Roof structure	Flat like floors/ pitched	Trussed/ Rafted / A Frame/ Slopping	R.C. Slab	
5.6	Roof covering	CGI Sheetting	AC sheetting	Clay tiles/Slate	Wood shingle *
5.7	Opening in walls	Control used on sizes ?	Control used on location ?	Strengthening around ?	IS:4326
		Yes/No/NA	Yes/No/NA	Yes/No/NA	IS:13828
5.8	Bands Provided	Plinth Band	Lintel Band	Roof/Eave Band	Gable Band Ridge Band -do-
5.9	Vertical Bars	At corners of rooms		At jambs of openings	-do-
5.10	Stiffening of Prefab Floors/Roofs	R.C. screed & Band	Peripheral band and connectors	Diagonal planks and around band	IS:4326

Vishnu Education Foundation

V. Sarin  
Trustee



For MIET PUBLIC SCHOOL

*[Signature]*  
Principal

For MIET PUBLIC SCHOOL

*[Signature]*  
Manager



6.	Steel / R.C. frame buildings				
6.1	Building Shape	Both axes near symmetrical <input checked="" type="checkbox"/> One axis near symmetrical / Unsymmetrical (Torsion considered)			
6.2	Infills / partitions	Out of plane stability check? Yes/ No In Plane stiffness considered? Yes/ No IS:1893,IS:4326			
6.3	Ductile Detailing of RC Frames	Beams ? <input checked="" type="checkbox"/> YES / NO	Columns ? <input checked="" type="checkbox"/> YES / NO	Beam column Joint ? <input checked="" type="checkbox"/> YES / NO	Sheer Walls? <input checked="" type="checkbox"/> YES / NO
6.4	Ductile Detailing of Steel Frames	Beams ? <input checked="" type="checkbox"/> YES / NO	Columns ? <input checked="" type="checkbox"/> YES / NO	Beam Column Joint ? <input checked="" type="checkbox"/> YES / NO	IS:13920 SP6(6)

**Notes:-**

1. Encircle the applicable Data point or insert information.
2. Stiff.  $N > 30$ : Medium.  $N = 10.3$ : Soft.  $N < 10$ : Liquefiable, poorly graded Sands with  $N < 15$  under Water Table (see Note 5 of Table 1 in IS:1893) Where  $N$ =Standard Penetration (IS:2131-1981).
3. \* Means any other, specify.
4. C= Cement, S= Sand, L= Lime

The above information is factually correct.

*Vishnu Education*  
*V. Saran*  
Signature of Owner with date

Signature of the Engineer who will Supervise the construction

Name (Block)... **VISHNU SARAN**

Name (Block).....  
Legible Seal:  
(with address)



Address:

Signature of the Architect who had Supervised the construction

Name (Block).....  
COA Registration No.....  
Legible Seal :  
(with address)

For MIET PUBLIC SCHOOL

*V. Saran*  
Principal

For MIET PUBLIC SCHOOL

*V. Saran*  
Manager



**CERTIFICATE**  
(उपविधि संख्या-13.2)

(The certificate to be submitted with the application for building permission along with the building drawings and Building Information Schedule).

1. Certified that the building plans submitted for approval also satisfy the safety requirements as stipulated in the Indian Standard, Codes, guidelines and documents specified in the Annexure-I of the Building Bye-Laws regarding earthquake safety awareness and the information given in the attached Building Information Schedule, is factually correct to the best of my knowledge and understanding.
2. It is also certified that the structural design including safety from natural hazards including Earth Quake has been prepared by duly qualified graduate Civil Engineer along with Post Graduate Diploma or Degree in Structural Engineering from a recognized University.

3. Location/Address of Building

Plot No. K.No. 171/2, 172/1, 182/1, 173/2, 174/3  
Scheme/Colony..... 181/1, 174/2, 174/2, 180/1, 2178  
Town..... Village - Salarpur Jalalpur  
District..... Mauana Road, Meerut.

4. Particulars of Building

1. Ground Coverage (sq mt)
2. Total covered area (sq mt)
3. Maximum Numbers of Floors above ground.

1926.70 M<sup>2</sup>  
9448.71 M<sup>2</sup>  
G+3

Vishnu Education Foundation.

Signature of Owner with date

date

Name (Block)..... VISHNU JARAN  
(Block).....

Address :

..... 47/M-1, JAMAHAR QUARTER,  
..... MEERUT.  
..... 250001.

Signature of the Structural Engineer who had prepared the design with

Name

Legible Seal: (with address)



Signature of the Architect who had Prepared the design with date

Name (Block).....

COA Registration No.....

Legible Seal (with address)

For MIET PUBLIC SCHOOL

Principal

For MIET PUBLIC SCHOOL

Manager



**(Certificate to be given in each building plan to be submitted for sanction)**  
**(उपविधि संख्या-13.2)**

It is hereby certified that the structural and foundation design of the building for which map and plans are submitted for approval satisfy the safety requirements as stipulated in the relevant India Standard Codes, National Building Code, guide lines and documents specified in Annexure-I Building Bye-Laws.

Signature of Ower with date  Vishnu Education Foundation VSaran Trustee	Signature of the Structural Engineer who had prepared the Design with date  [Signature] [Stamp: HUSHAN M. TAL, Chartered Engineer, Govt. Approved Valuer, Ph: 2534642]	Signature of the Architect who had Prepared the design with date  3
Name(Block) VISHNU SARAN Address:..... 42/M-1, JAWAHAR QUARTER, MEERUT	Name Block..... Legible Seal (With address)	Name (Block)..... COA Registration No..... Legible Sell(with address)

For MIET PUBLIC SCHOOL

[Signature]  
Principal

For MIET PUBLIC SCHOOL

[Signature]  
Manager



**STRUCTURAL SAFETY AND NATURAL HAZARD PROTECTION OF BUILDINGS**  
(उपविधि संख्या-13.1)

1. Requirements specified in the following Indian Standards, Codes and guidelines and other documents needs to be observed for structural safety and natural hazard protection of buildings etc:-

**a) For General Structural Safety**

1. IS : 1905 -1987 "Code of Practice for Structural use of unreinforced Masonry (third revision)" Indian Standards Institution, March 1981
2. IS : 1904 -1978 "Code of Practice for Structural Safety of Buildings : Foundations" Indian Standards Institution .....
3. IS : 456 -2000 "Code of Practice for Plain and Reinforced Concrete" Indian Standards Institution, September 2000
4. IS : 800 -1984 "Code of Practice for general Construction in Steel" Indian Standards Institution, February, 1985
5. IS : 883 -1966 "Code of Practice for Design of Structural Timber in Building", Indian Standards Institution, March, 1967
6. IS 875 (Part 2) : 1987 "Code of Practice for design loads (other than earthquake) for building and structures : Part 2 Imposed loads (Second revision)
7. IS 875 (Part 3) : 1988 "Code of Practice for design loads (other than earthquake) for building and structures : Part 3 Wind loads (Second revision)
8. IS 875 (Part 5) : 1987 "Code of Practice for design loads (other than earthquake) for building and structures : Part 5 Special loads and load combinations (Second revision)

Besides, any other relevant Indian Standards will need to be referred to.

**b) For Earthquake Protection**

6. IS : 1893 (Part 1) "Criteria for Earthquake Resistant Design of Structures : General Provisions and Buildings Part 1(fifth Revision)"
7. IS : 13920-1993 "Ductile Detailing of Reinforced Concrete Structures subjected to Seismic forces- Code of Practice" November 1993
8. IS : 4326-1993 "Code of Practice for Earthquake Resistant Design and Construction of Buildings (Second Revision)" October 1993
9. IS : 13828-1993 " Improving Earthquake Resistance of Low Strength Masonary Buildings - Guidelines " August 1993
10. IS : 13827-1993 " Improving Earthquake Resistance of Earthen Buildings - Guidelines " October 1993
11. IS : 13935-1993 " Repair and Seismic Strengthening of Buildings - Guidelines" November 1993

For Vishnu Education Foundation

*V. S. Sarda*  
Trustee



For MIET PUBLIC SCHOOL

*[Signature]*  
Principal

For MIET PUBLIC SCHOOL

*V. S. Sarda*  
Manager



12. "Improving Earthquake Resistance of Buildings – Guidelines" by Expert Group, Government of India, Ministry of Urban Affairs & Employment, published by Building Materials and Technology Promotion Council, 1998
13. The National Building Code of India-2005  
For location of the building in hazard prone area of earthquakes, cyclone or wind storms and floods, reference may be made to the following:
14. "Vulnerability Atlas of India", by Expert Group, Government of India, Ministry of Urban Affairs & Employment, published by Building Materials and Technology Promotion Council, 1997

**Note:**

1. As and when anyone of the above referred standards and documents is revised, the design and construction of buildings thereafter must satisfy the latest version for approval of the building plans by the concerned local authority.

For Vishnu Education Foundation

*V. Saran*  
Trustee



For MIET PUBLIC SCHOOL

*V. Saran*  
Principal

For MIET PUBLIC SCHOOL

*V. Saran*  
Manager



# EDUCATIONAL BUILDING PLAN

FOR M.J.E.T. Public School (SENIOR SECONDARY)

AT KHASRA NO- 171/2, 172/1, 182/1, 173/2 174/3,  
181/1, 174/2 179/2 180/1 & 178 Village SALARPUR JALALPUR.

MAWANA ROAD  
MEERUT.

## BUILDING INFORMATION SCHEDULE

परिशिष्ट-8  
(पृष्ठ-1/2)

(उपविधि संख्या-13.2)

1.	Building Address	Plot No.	Scheme/Colony Town	District
2.	Building function & Locations		Village SALARPUR JALALPUR MAWANA ROAD	MEERUT
2.1	Use	Institutional ✓	Commercial	Industrial *
2.2	Importance	Ordinary ✓	Important	Hazardous * IS:1893
2.3	Seismic Zone (Design Intensity Used)	V(IX)	IV(VIII) ✓	III(VII) II(VI) IS:1893
3.	Design EQ Factor	$\alpha_0 = 0.05$	$I = 1.0$	$\beta = 1.0$ $\alpha_h = 0.05$ IS:1893
4.	Foundation			
4.1	Soil type at site (Note 2)	Rock/stiff Medium # Soft ✓	Liquefiable	Expensive (B.C.) IS:1904
4.2	Type of Foundation	Strip	Indiv.Col. ✓	Fottings/Raft Bearing Piles Friction Piles IS:1893
5.	Load Bearing Wall Buildings			
5.1	Building Category	A ( $\alpha_h < 0.05$ ) B ( $\alpha_h = 0.05$ to $0.06$ ) C ( $\alpha_h 0.06$ to $0.08$ ) D ( $\alpha_h 0.08$ to $0.12$ ) E ( $\alpha_h > 0.12$ )		IS:4326
5.2	Bearing Walls	Brick	Stone	Solid Block Hollow Block Adobe
5.3	Mortar (note 4)	C : S = 1 : ...	C : L : S = 1 : ...	L : S = 1 : ... Clay Mud *
5.4	Floors	R.C.slabs	Stone slabs on joists	Prefab flooring elements *
5.5	Roof structure	Flat like floors/ pitched	Trussed/ Rafted / A Frame/ Slopping	R.C. Slab
5.6	Roof covering	CGI Sheeting	AC sheeting ✓	Clay tiles/Slate Wood shingle *
5.7	Opening in walls	Control used on sizes? ✓	Control used on location ?	Strengthening around ? IS:4326
		Yes/No/NA	Yes/No/NA	Yes/No/NA IS:13828
5.8	Bands Provided	Plinth Band	Lintel Band	Roof/Eave Band Gable Band Ridge Band -do-
5.9	Vertical Bars	At corners of rooms	At jambs of openings	-do-
5.10	Stiffening of Prefab Floors/Roofs	R.C. screed & Band	Peripheral band and connectors	Diagonal planks and alround band IS:4326

For Vishnu Education Foundation

V. Saran  
Trustee



For MIET PUBLIC SCHOOL

Principal

For MIET PUBLIC SCHOOL

Manager



6.	<del>Steel / R.C. frame buildings</del>				
6.1	Building Shape	Both axes near symmetrical One axis near symmetrical / Unsymmetrical (Torsion considered)			
6.2	Infills / partitions	Out of plane stability check? Yes/ No In Plane stiffness considered? Yes/ No IS:1893,IS:4326			
6.3	Ductile Detailing of RC Frames	Beams ? YES / NO	Columns ? YES / NO	Beam column Joint ? YES / NO	Sheer Walls? YES / NO IS:13920
6.4	Ductile Detailing of Steel Frames	Beams ? YES / NO	Columns ? YES / NO	Beam Column Joint ? YES / NO	SP6(6)

**Notes:-**

1. Encircle the applicable Data point or insert information.
2. Stiff.  $N > 30$ : Medium.  $N = 10.3$ : Soft.  $N < 10$ : Liquefiable, poorly graded Sands with  $N < 15$  under Water Table (see Note 5 of Table 1 in IS:1893) Where  $N$  = Standard Penetration (IS:2131-1981).
3. \* Means any other, specify.
4. C= Cement, S= Sand, L= Lime

The above information is factually correct.

Signature of Owner with date  
For Vishnu Education Foundation

Name (Block) *VISHNU SAKAR*  
17-02-2020

Signature of the Engineer who will  
Supervise the construction

Name (Block)..... Address:  
Legible Seal:  
(with address)

Signature of the Architect who had  
Supervised the construction

Name (Block).....  
COA Registration No.....  
Legible Seal :  
(with address)

For MIET PUBLIC SCHOOL

*[Signature]*  
Principal

For MIET PUBLIC SCHOOL

*[Signature]*  
Manager



**CERTIFICATE**  
(उपविधि संख्या-13.2)

(The certificate to be submitted with the application for building permission along with the building drawings and Building Information Schedule).

1. Certified that the building plans submitted for approval also satisfy the safety requirements as stipulated in the Indian Standard, Codes, guidelines and documents specified in the Annexure-I of the Building Bye-Laws regarding earthquake safety awareness and the information given in the attached Building Information Schedule, is factually correct to the best of my knowledge and understanding.
2. It is also certified that the structural design including safety from natural hazards including Earth Quake has been prepared by duly qualified graduate Civil Engineer along with Post Graduate Diploma or Degree in Structural Engineering from a recognized University.

3. **Location/Address of Building**

Plot No...KH.No. 171/2, 172/1, 182/1, 173/2, 174/3, 181/1, 174/2, 177/2, 180/1  
Scheme/Colony... 17B  
Town...Village...Jalalpur, Salarpur.  
District...Mawana Road  
Meerut.

4. **Particulars of Building**

1. Ground Coverage (sq mt) 1624.59 M<sup>2</sup>
2. Total covered area (sq mt) 9860.06 M<sup>2</sup>
3. Maximum Numbers of Floors above ground. 4+5

Signature of Owner with date

date For Vishnu Education Foundation

Name (Block) VISHNU SARAN Trustee  
(Block) 17-02-2020

Address :

47/1, M-1, JAWAHAR QUARTERS,  
BEGUM BRIDGE,  
MEERUT (U.P.)

Signature of the Architect who had  
Prepared the design with date

Name (Block).....  
COA Registration No.....  
Legible Seal (with address)

Signature of the Structural Engineer  
who had prepared the design with

Name

Legible Seal: (with address)



For MIET PUBLIC SCHOOL

*[Signature]*  
Principal

For MIET PUBLIC SCHOOL

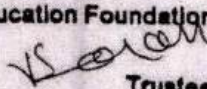


*[Signature]*  
Manager



## (Certificate to be given in each building plan to be submitted for sanction)

(उपविधि संख्या-13.2)

It is hereby certified that the structural and foundation design of the building for which map and plans are submitted for approval satisfy the safety requirements as stipulated in the relevant India Standard Codes, National Building Code, guide lines and documents specified in Annexure-1 Building Bye-Laws.

Signature of Ower with date	Signature of the Structural Engineer who had prepared the Design with date	Signature of the Architect who had Prepared the design with date
 <b>Trustee</b> <b>VISHNU SARAN</b> 17-02-2020		
Name(Block)..... Address: 47/M-1..... JAWAHAR QUARTERS, BEGUM BRIDGE, MEERUT. (U.P)	Name Block)..... Legible Seal: (With address)	Name (Block)..... COA Registration No..... Legible Sell(with address)

For MIET PUBLIC SCHOOL

  
 Principal

For MIET PUBLIC SCHOOL

  
 Manager



**CERTIFICATE**  
(उपविधि संख्या-13.4)

(To be submitted with the application for obtaining completion certificate)

1. Certified that the Building for which completion plan has been submitted for approval, conforms to the requirements of relevant Indian Standard Codes and National Building Code as referred in Annexure-I of Building Bye-Laws in respect of Structural Safety in general and National hazards including earthquake in particular.
2. It is also certified that the Building has been constructed as per approved foundation and structural designs provided by the Structural Engineer which are certified to be based on relevant Indian Standard Code and National Building Code as referred above and the building is safe for occupancy.

**3. Location/Address of Building**

Plot No. *K.A. No. 171/2, 172/1, 182/4, 173/2, 174/3, 181/1, 174/2, 179/2, 180/1 & 178*  
Scheme/Colony.. *Village - Satepur Jalelpur*  
Town..... *Mawana Road*  
District..... *Meerut*

**4. Particulars of Building**

1. Ground Coverage (sq mt)
2. Total covered area (sq mt)
3. Maximum Numbers of Floors above ground.

*1624.59 M<sup>2</sup>*  
*9860.06 M<sup>2</sup>*  
*4+5*

Signature of Owner with date 17-02-2020

Signature of the Engineer who had Supervised the construction

**For Vishnu Education Foundation**  
Name (Block).....

Address: *VISHNU SARAN* *Trustee*  
*47/M-1, JAWAHAR QUARTERS,*  
*BEGUM BRIDGE, MEERUT. (UP)*

Name (Block).....  
Legible Seal: (with address)

Signature of the Architect who had Supervised the construction

Name (Block).....

COA Registration No.....

Legible Seal  
(with address)

For MIET PUBLIC SCHOOL

*Principal*

For MIET PUBLIC SCHOOL

*Manager*