



# Indra Ganesan

## COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

# NAAC DOCUMENTS

## QUALITY INDICATOR FRAME WORK

### CRITERION – 4

## INFRASTRUCTURE AND LEARNING RESOURCES

SUBMITTED BY

**IQAC**

INTERNAL QUALITY ASSURANCE CELL

**INDRA GANESAN COLLEGE OF ENGINEERING**





Criteria 4	Infrastructure and Learning Resources	100
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## **Key Indicator – 4.1 Physical Facilities (30)**

**4.1.1. The institution has adequate infrastructure and other facilities for,**

**a. Teaching-learning, viz, classrooms, laboratories, computing equipment etc**

**b. ICT –enabled facilities such as smart class, LMS etc. Facilities for cultural and sports activities, yoga centre, games (indoor and outdoor), gymnasium, auditorium etc. (20)**

**SUPPORTING DOCUMENTS**



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IG VALLEY, MADURAI MAIN ROAD, MANIKANDAM, TIRUCHIRAPALLI-620012

### NAAC DOCUMENTS

## CRITERIA-4 4.1.1. PHYSICAL FACILITIES

### 4.1.1. Facilities for Teaching - Learning

### INDEX

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Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



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### 1. Details of area statement

#### A. Main Block

Class Room / Tutorial Room / Seminar Hall / Auditorium / Laboratories					
S. No	Name of the Hall	Hall Allocation Details	Area of Room in S.Q.M	Floor	Block Name
1	Principal Cabin		50.2	Ground Floor	Main Block
2	Computer Centre		120.8		
3	Health Centre		62.8		
4	Placement Cell		31.4		
5	Seminar Hall		130.4		
6	LHG01	Smart Class Room	79.7		
7	LHG02	Smart Class Room	62.8		
8	LHG03	Smart Class Room	62.8		
9	Communication Lab		79.7		
10	LHG04	Smart Class Room	130.4		
11	Reprography Room		31.4		
12	Board Room		62.8		
13	Director Chamber		31.4		
14	Administration Office		106.3		
15	Secretary Chamber		50.2		
16	LH101	Class Room-IT	65.2	First Floor	
17	LH102	Class Room-IT	65.2		
18	LH103	Class Room-IT	72.5		
19	IT-Staff Room		50.2		
20	H&S-Staff Room		50.2		
21	Indoor Games/Gym		140.1		
22	Sports		67.6		
23	IT-HOD Room		31.4		
24	LH104	Class Room-H&S	62.8		
25	LH105	Class Room-H&S	62.8		



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26	Common Room- Girls		79.7		
27	H&S-HOD Room		62.8		
28	Yoga Centre		45.9		
29	LH106	Class Room-H&S	62.8		
30	Common Room - Boys		79.7		
31	LH107	Class Room-H&S	62.8		
32	LH108	Class Room-H&S	62.8		
33	LH201	Class Room -Mech	65.2		
34	LH202	Class Room -Mech	65.2		
35	LH203	Class Room -Mech	72.5		
36	Mech -HOD Room		24.2	Second Floor	Main Block
37	Mech - Staff Room		24.2		
38	Store Room		63.2		
39	Women Empowerment Cell		26.0		
40	LH204	Tutorial Room - Mech	72.5		
41	POSH & Anti Ragging Cell		62.8		
42	Grievance Redressal Cell & Internal Complaint Cell		62.8		
43	Entrepreneurship Development Cell & Alumni Cell		62.8		
44	Research & Development		62.8		
45	Social Activities Club & Cultural Club		62.8		
46	Chemistry Laboratory		147.3		
47	Water & Waste water analysis Lab		74.9		
48	Physics Laboratory		113.5		
49	LH205	Class Room-H&S	65.2		
50	LH206	Tutorial Room -IT	62.8		



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### B. Engineering Block

Class Room / Tutorial Room / Seminar Hall / Auditorium / Laboratories					
S. No	Name of the Hall	Hall Allocation Details	Area of Room in S.Q.M	Floor	Block Name
1	EDC Lab		137.5	Ground Floor	Engineering Block
2	Power Electronics Lab		82.4		
3	Control & Instrumentation Lab		80.0		
4	Power System Simulation Lab		67.7		
5	Civil Lab		473.6	First Floor	
6	EDC Lab		80.0		
7	EC Lab		80.0		
8	Micro Processor Lab		80.0		
9	Digital Lab		80.0		
10	Optical & Communication Lab		119.3		
11	DSP & VLSI Lab		80.0		
12	LH101	Tutorial Room-ECE	68.2	Second Floor	
13	Auditorium		528.9		
14	Server Room		40.6		
15	RDBMS Lab		80.0		
16	Programming Lab		80.0		
17	Web Technology Lab		80.0		
18	Network Lab		80.0		
19	Software Development Lab		158.7		
20	LH201	Tutorial Room-CSE	68.2		
21	Digital Library		40.6		
22	Library		280.4		
23	Library Stack Room		200.5		
24	CSE-HOD Room		22.1	Third Floor	
25	CSE-Staff Room		49.5		
26	EEE-HOD Room		21.1		
27	EEE-Staff Room		46.4		
28	LH301	Class Room-EEE	119.3		
29	LH302	Tutorial Room-EEE	77.5		



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30	LH303	Drawing Hall	151.3		
31	LH304A	Class Room-EEE	71.3		
32	LH304B	Class Room-EEE	71.3		
33	LH305	Class Room-Civil	68.2		
34	LH306A	Class Room-Civil	152.5		
35	LH306B	Class Room-Civil	122.0		
37	Exam Hall		435.0		
38	ECE-HOD Room		22.1		
39	ECE-Staff Room		49.7		
40	Exam Cell -Store Room		33.8		
41	LH402	Class Room-ECE	72.8	Fourth Floor	
42	LH403	Class Room-ECE	72.8		
43	PGVLSI Lab		58.5		
44	LH404	Class Room-ECE	72.8		
45	Civil -HOD Room		11.3		
46	LH405	Class Room-CSE	73.7		
47	LH406	Class Room-PG CSE	42.7		
48	Exam Cell		68.2		
49	LH407	Class Room-PG CSE	29.3		
50	LH408	Class Room-CSE	73.0		
51	LH409	Class Room-CSE	73.7		
52	Civil -Staff Room		49.5		
53	LH410	Tutorial Room-Civil	73.7		
54	LH411	Class Room -PG VLSI	62.4		
55	LH412	Class Room -PG VLSI	29.3		

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
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### C. MBA Block

Class Room / Tutorial Room / Seminar Hall / Auditorium / Laboratories					
S. No	Name of the Hall	Hall Allocation Details	Area of Room in S.Q.M	Floor	Block Name
1	MBA-HOD Room	HOD Room	12.5	Ground Floor	MBA Block
2	LH PG01	MBA Class Room	71.3		
3	LH PG02	MBA Class Room	61.0		
4	LH PG03	MBA Class Room	30.5	First Floor	
5	MBA-Staff Room	Staff Room	30.5		
6	IQAC		31.0		
8	Common Room-Ladies Staff		41.5		
9	MBA-Seminar Hall	Seminar Hall	77.0	Second Floor	
10	Common Room- Gents Staff		74.5		

### D. Mechanical Lab Block

Class Room / Tutorial Room / Seminar Hall / Auditorium / Laboratories			
S. No	Name of the Hall	Area of Room in S.Q.M	Block Name
1	Engineering Practices Laboratory	232.3	Laboratory Block
2	Dynamics Laboratory	232.3	
3	Metrology and Measurements Laboratory	232.3	
4	Manufacturing Technology Laboratory	371.6	
5	Mechatronics Laboratory	111.5	
6	Thermal Engineering Laboratory I	111.5	
7	Thermal Engineering Laboratory II	111.5	
8	CAD/ CAM Laboratory	111.5	





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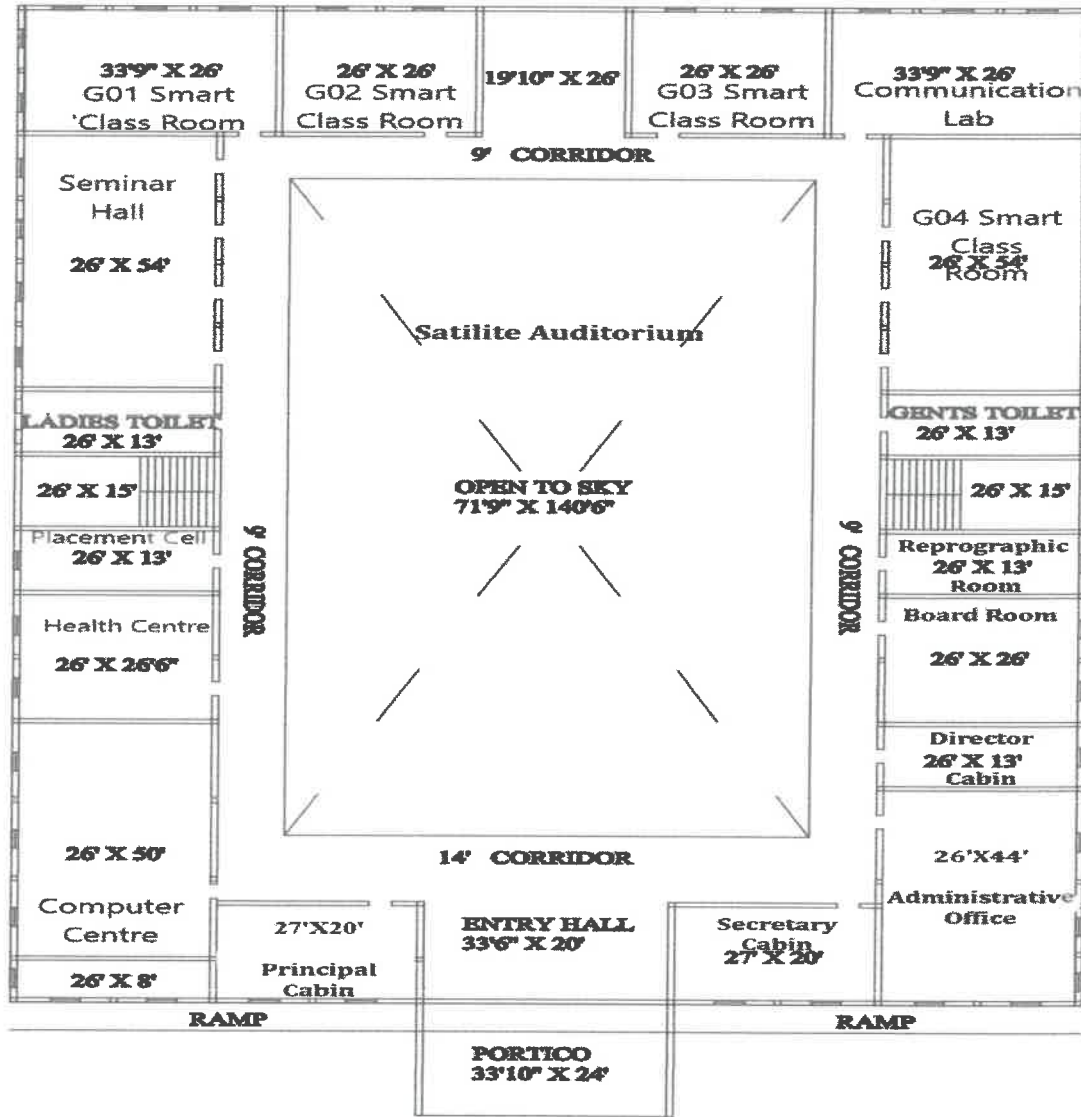
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### 2. Architect Certificate

#### A. Main Block - Ground Floor



**GROUND FLOOR**

  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



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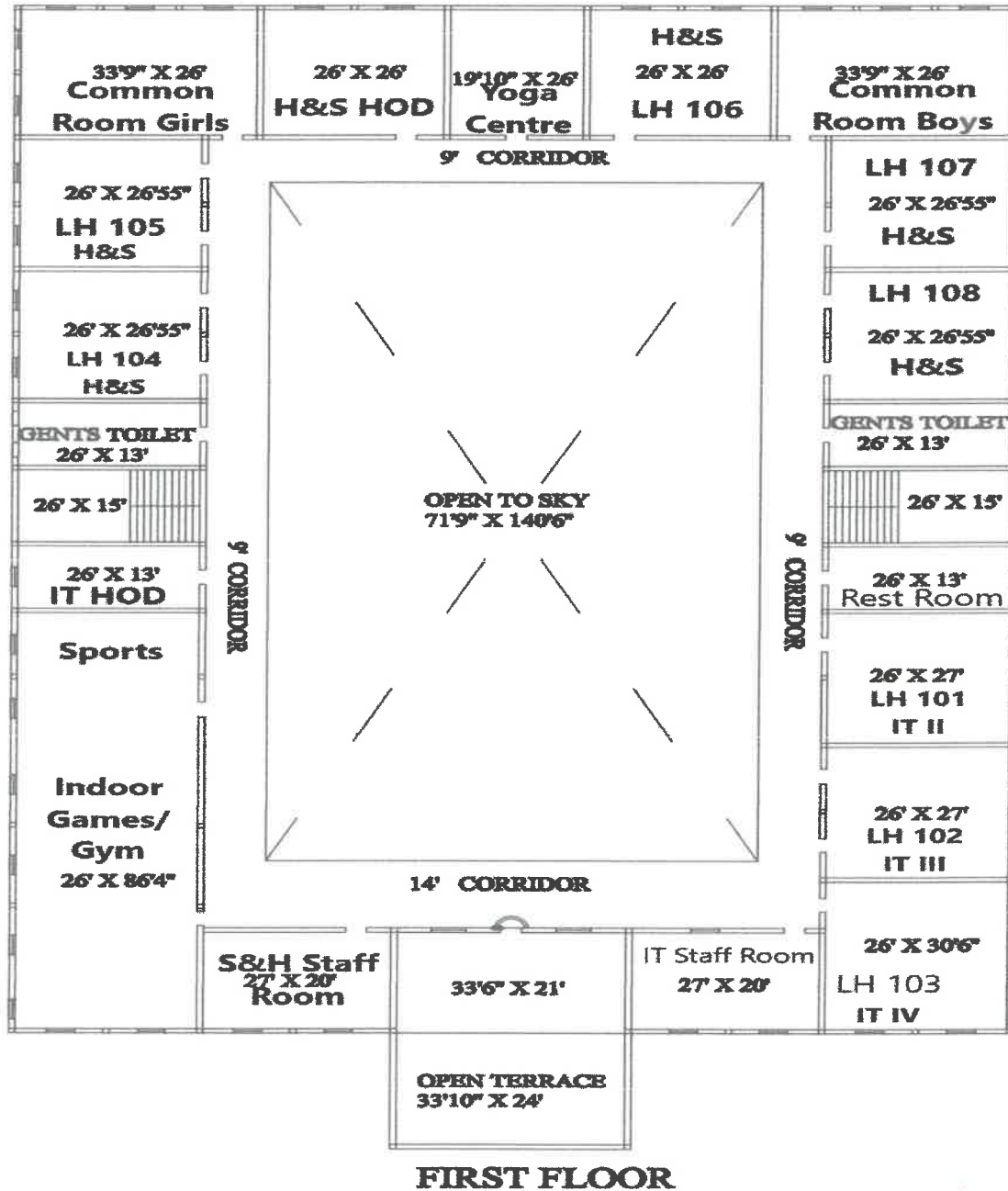
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### B. Main Block - First Floor



  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
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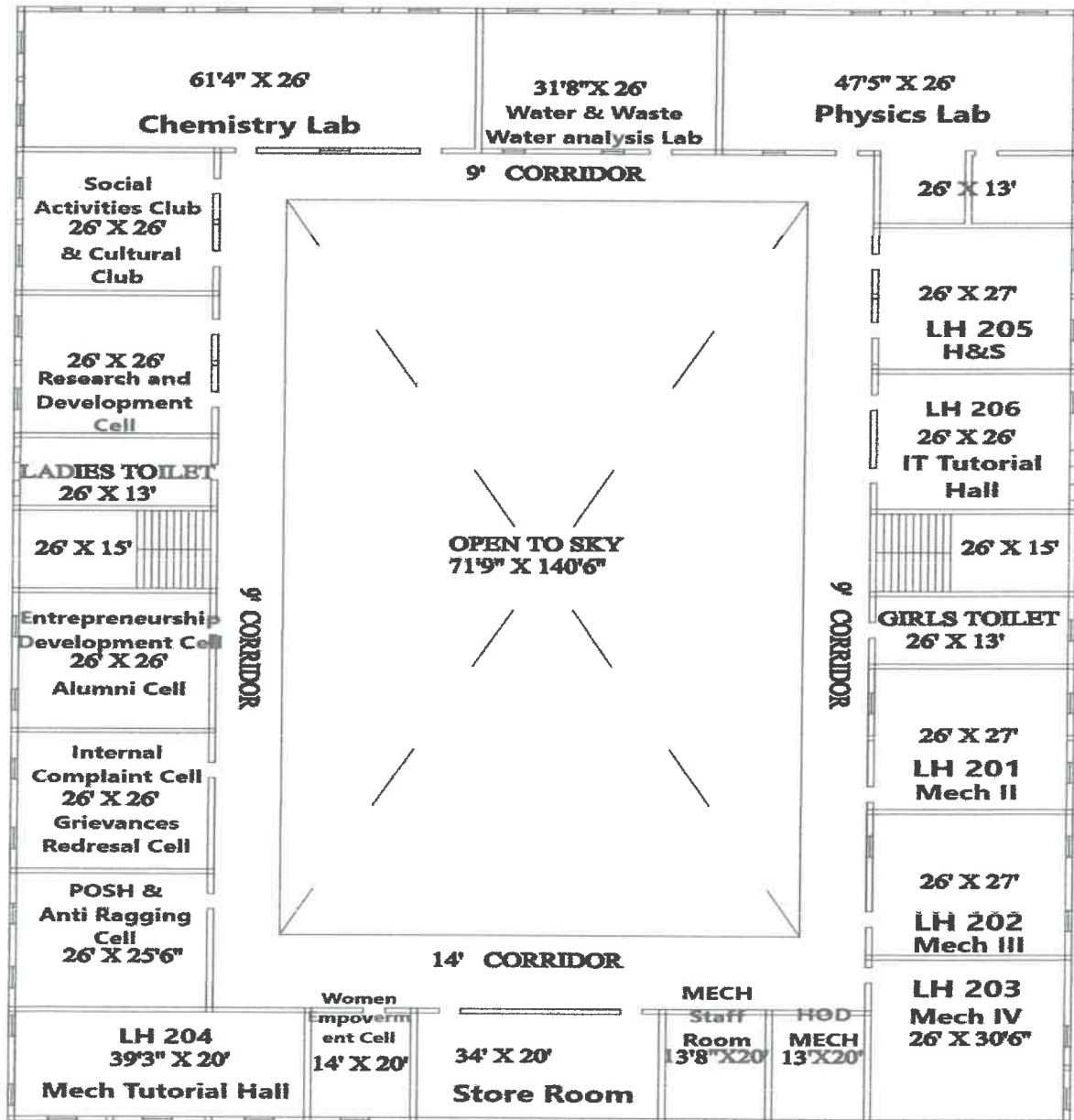
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### C. Main Block - Second Floor



### SECOND FLOOR

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.



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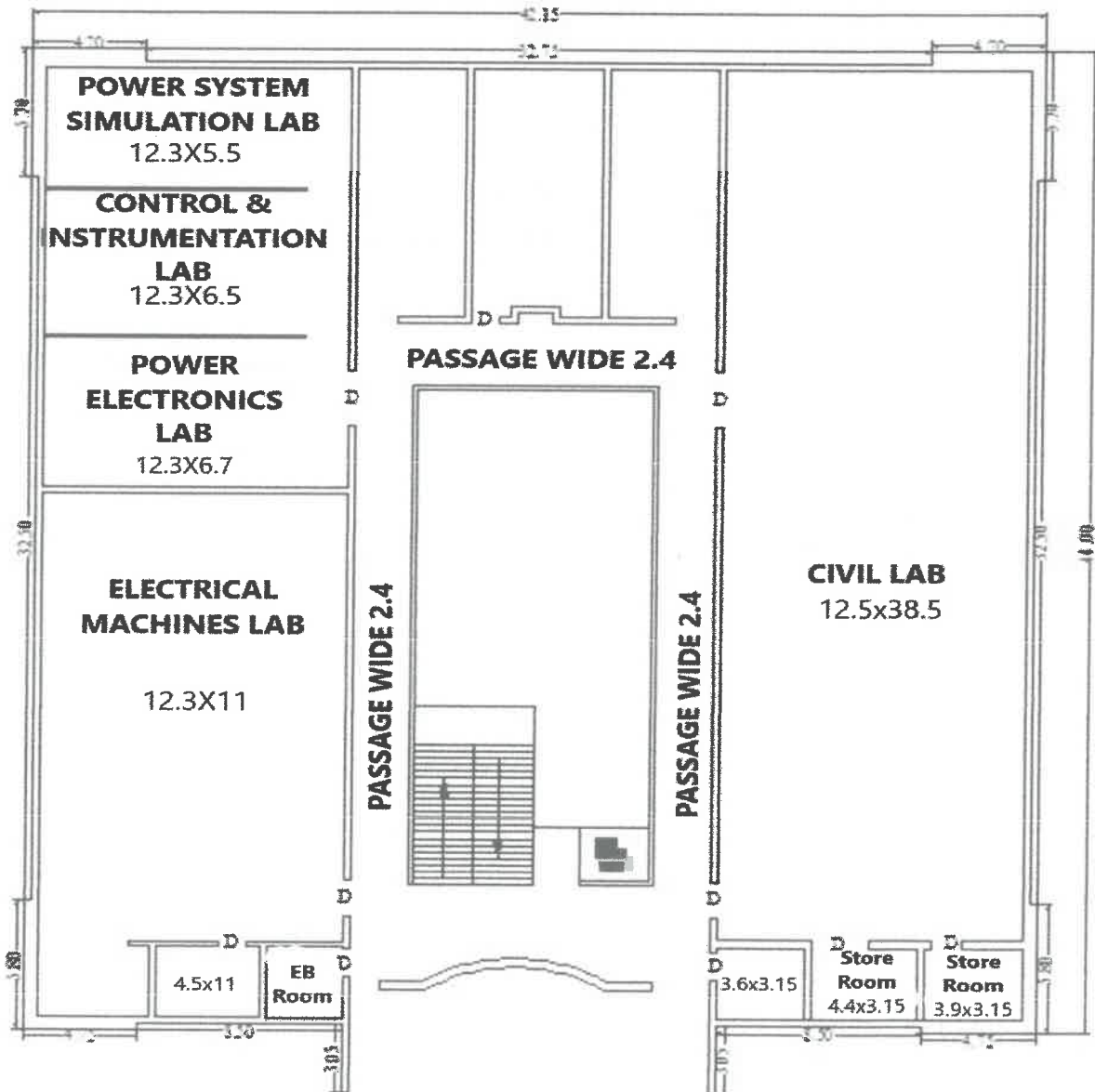
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### D. Engineering Block - Ground Floor

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Madurai Main Road (NH-45B), Manikandam, Trichy-12  
Lab Block - Ground Floor Plan



ALL DIMENSIONS ARE IN 'M'



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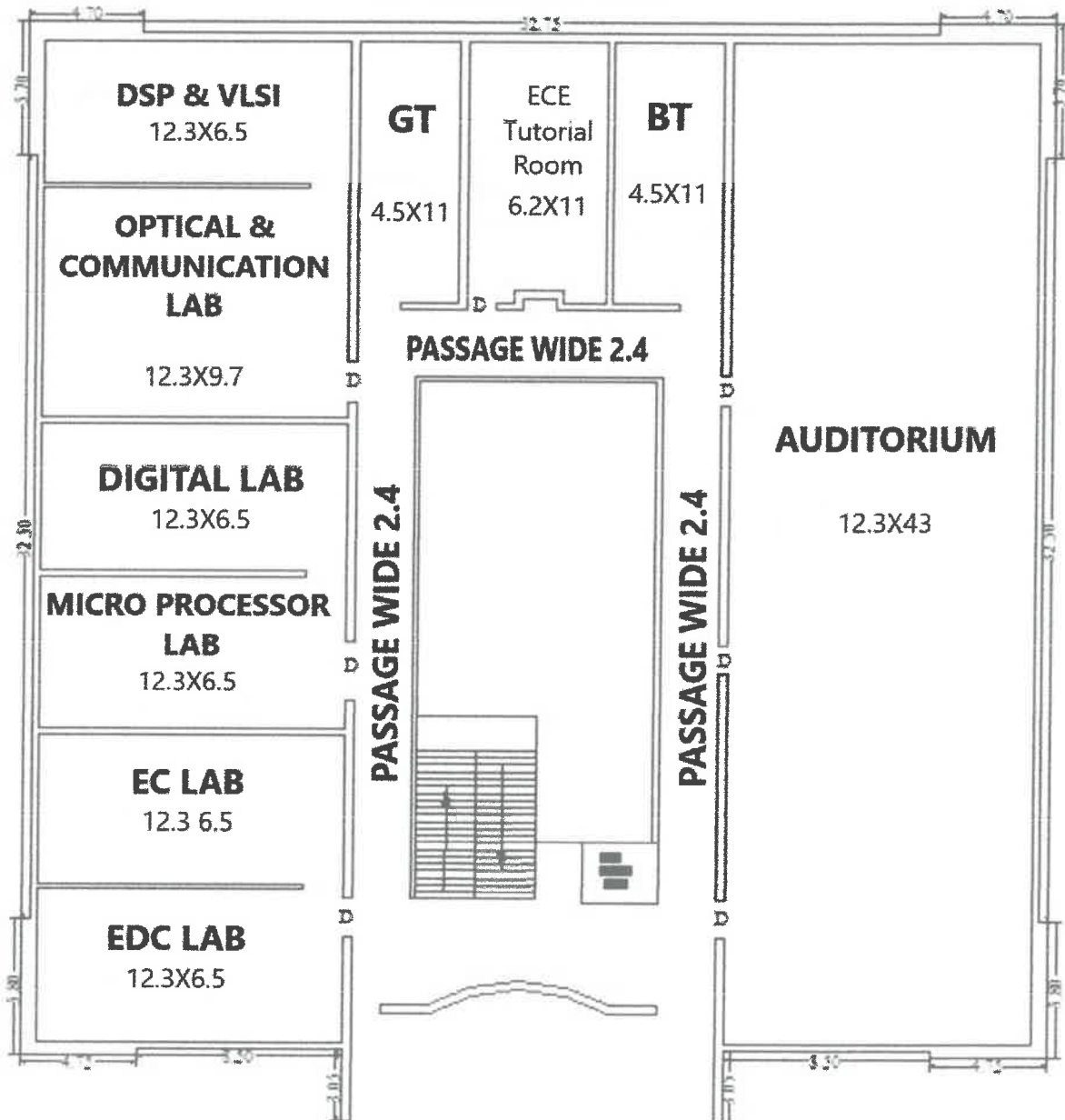
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### E. Engineering Block - First Floor

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Lab Block - First Floor Plan



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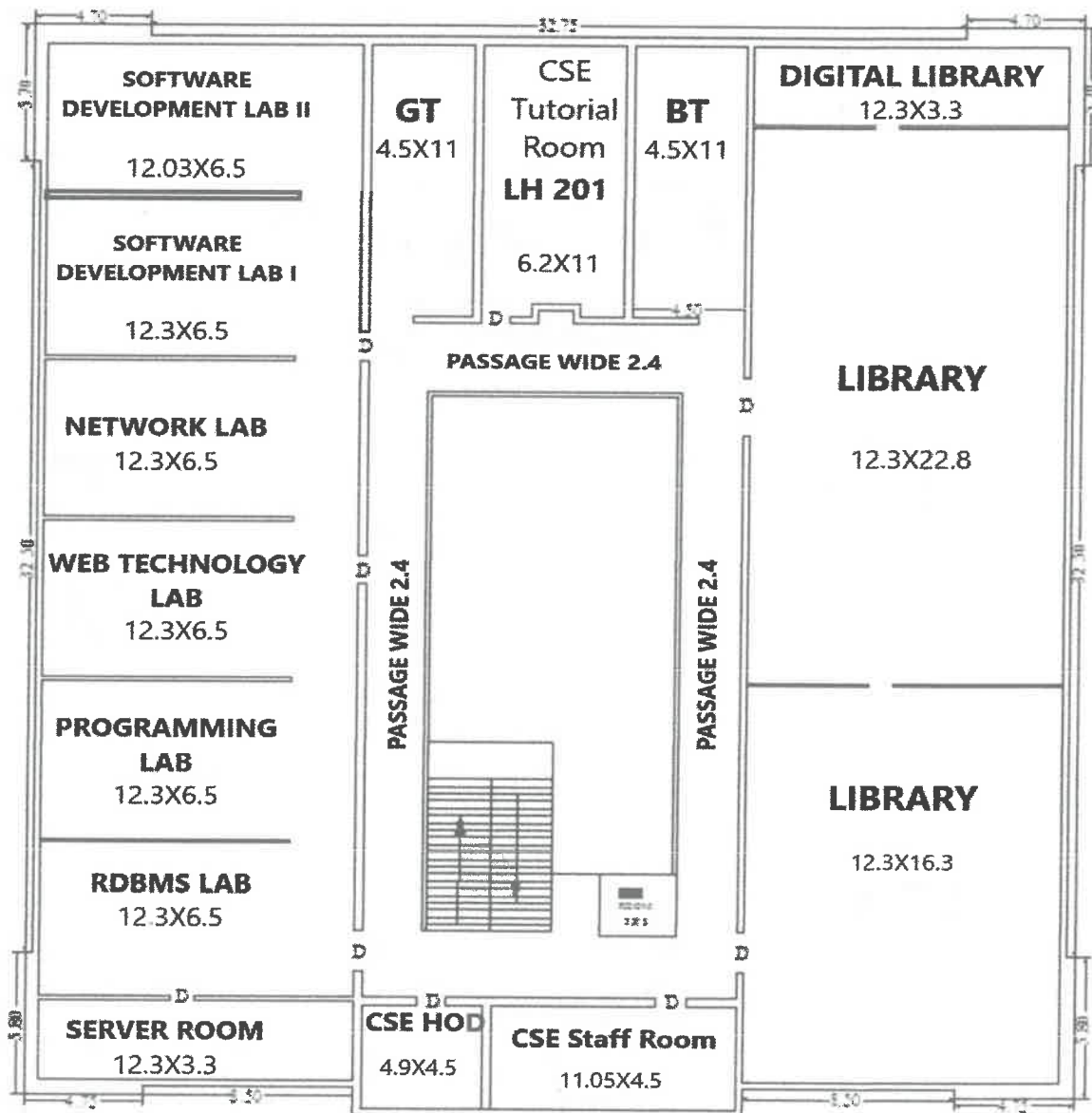
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### F. Engineering Block - Second Floor

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Madurai Main Road (NH-45B), Manikandam, Trichy-12  
Lab Block - Second Floor Plan



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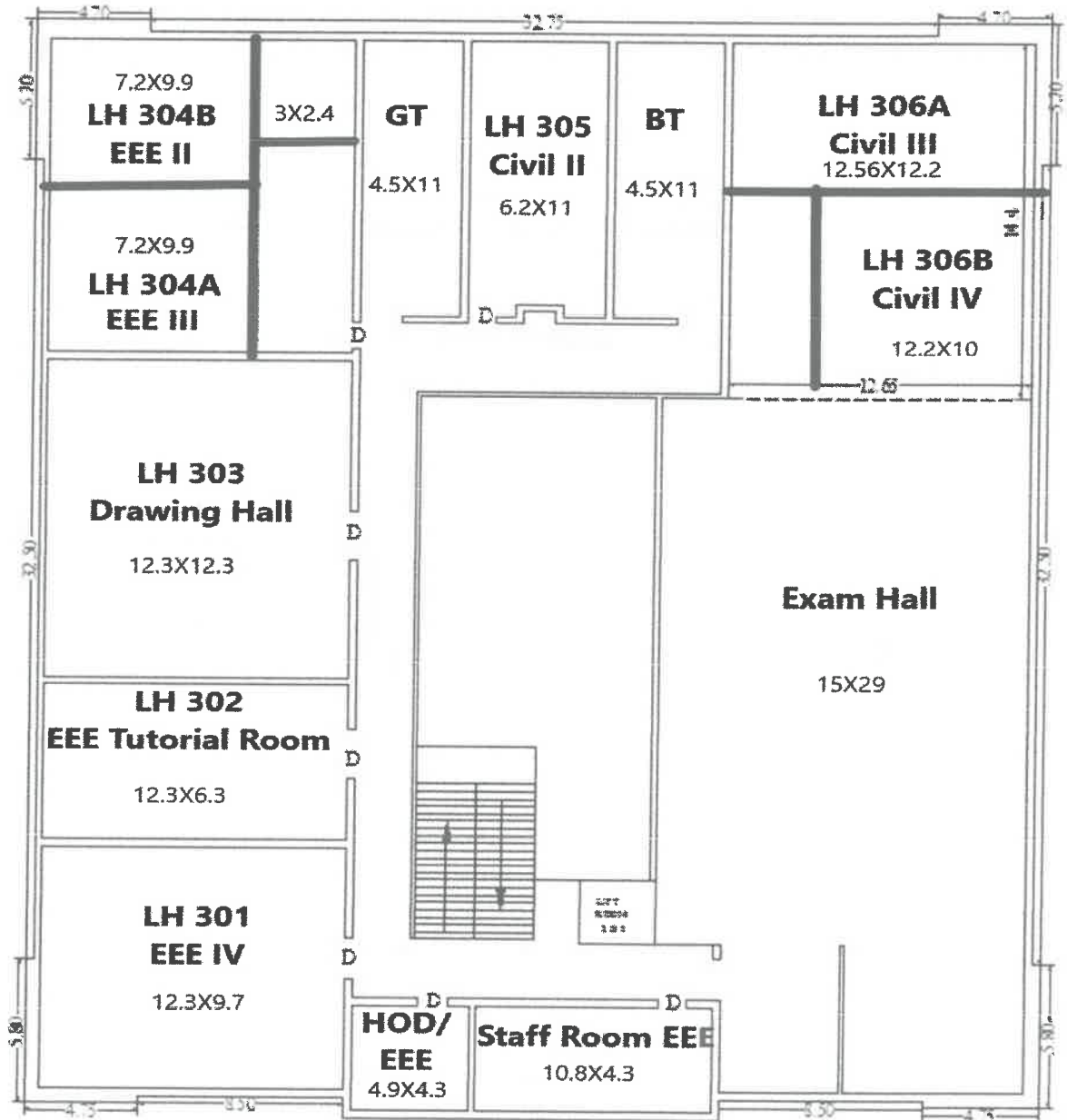
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### G. Engineering Block - Third Floor

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Madurai Main Road (NH-45B), Manikandam, Trichy-12  
Lab Block - Third Floor Plan



ALL DIMENSIONS ARE IN 'M'

  
Dr. G. Balakrishnan, M.E., Ph.D.  
Principal



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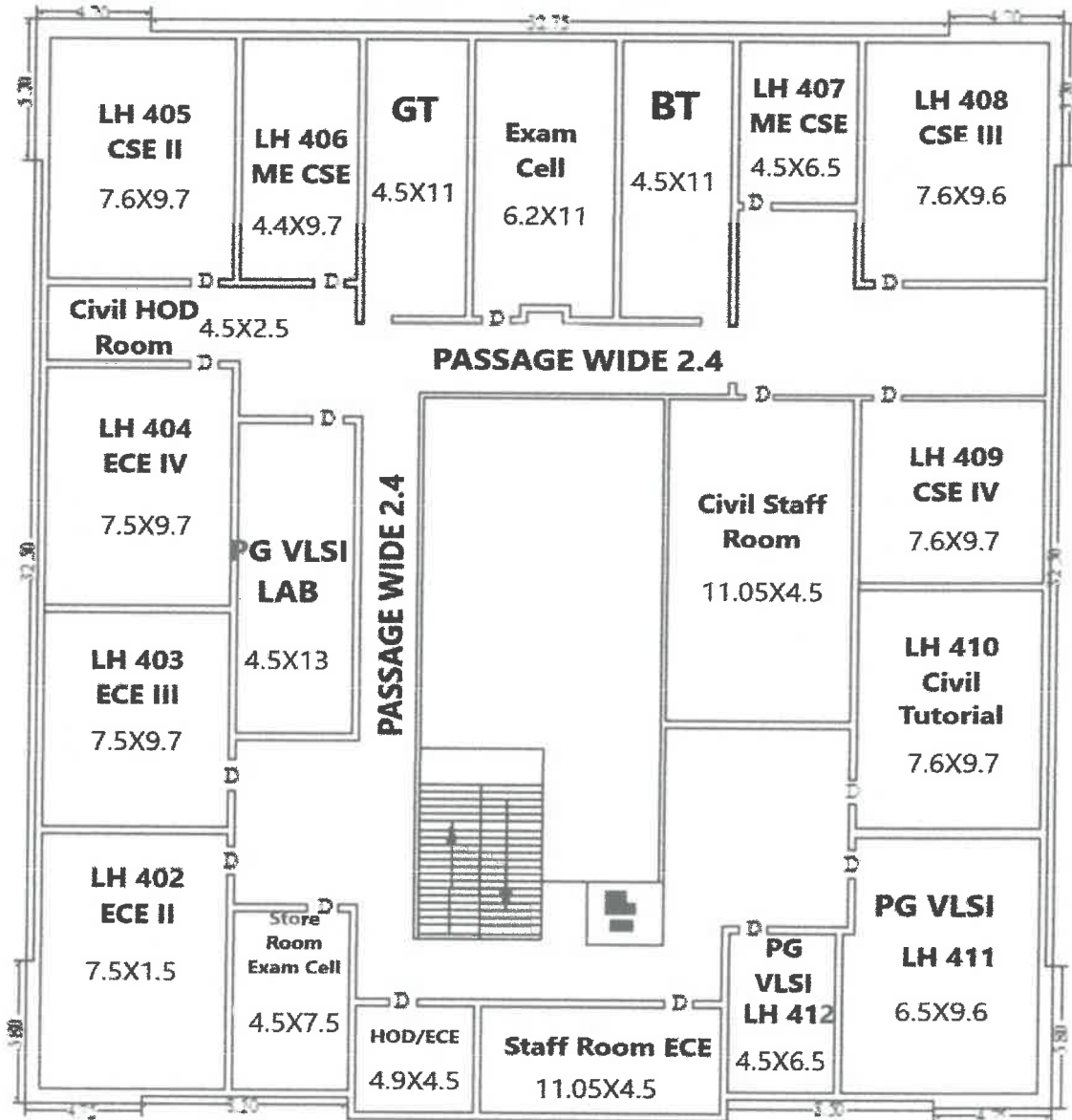
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### H. Engineering Block - Fourth Floor

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Lab Block - Fourth Floor Plan



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Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
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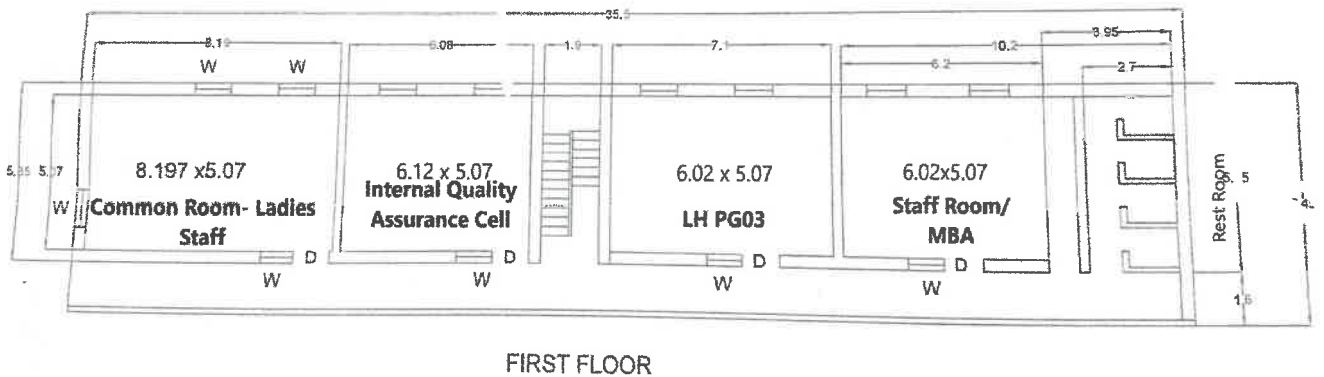
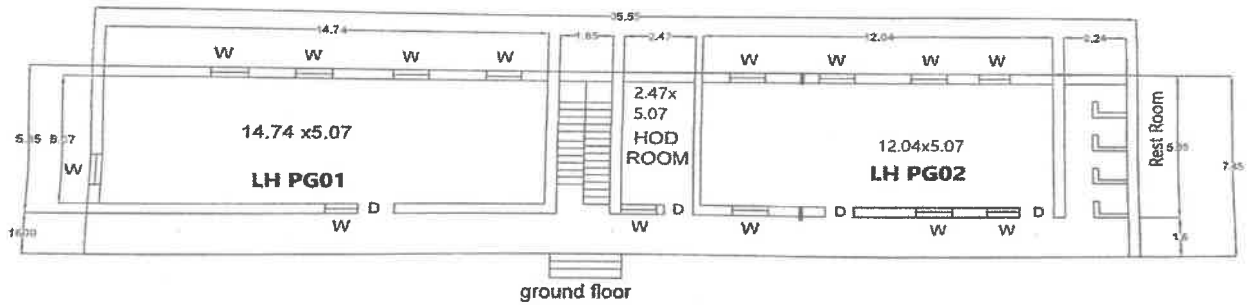
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### I. MBA Blocks



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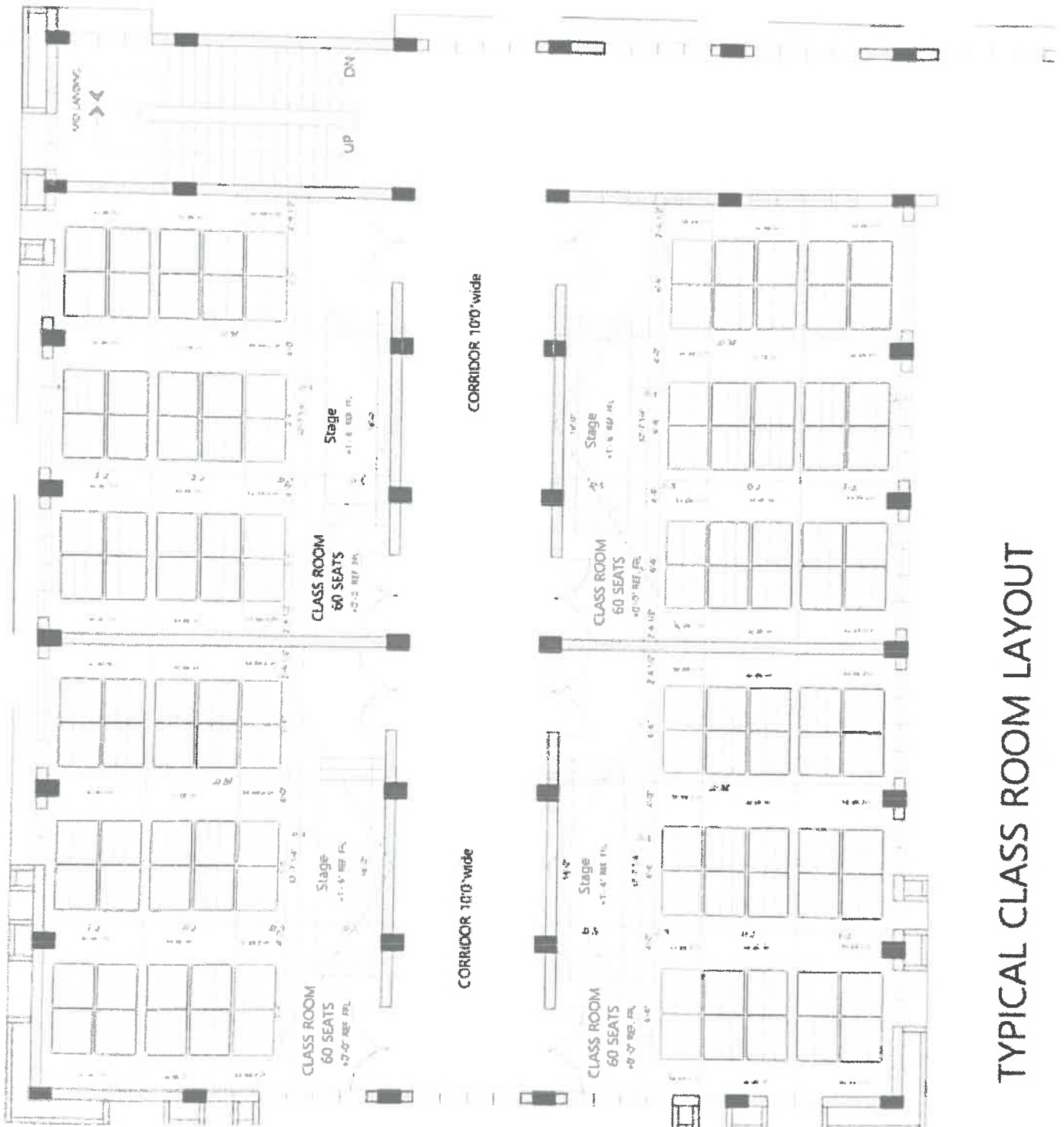
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### J. Engineering New Block



TYPICAL CLASS ROOM LAYOUT



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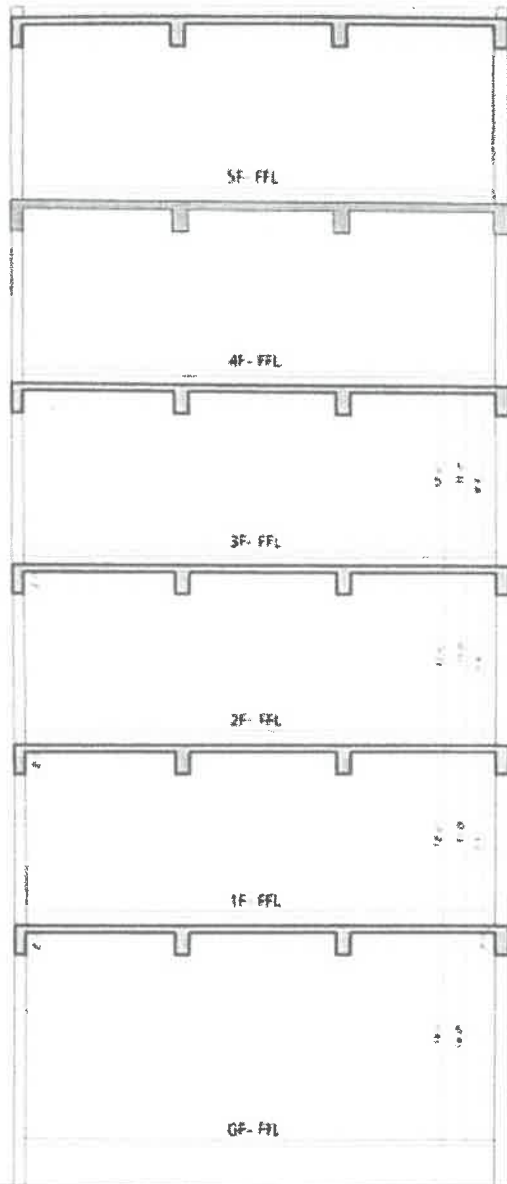
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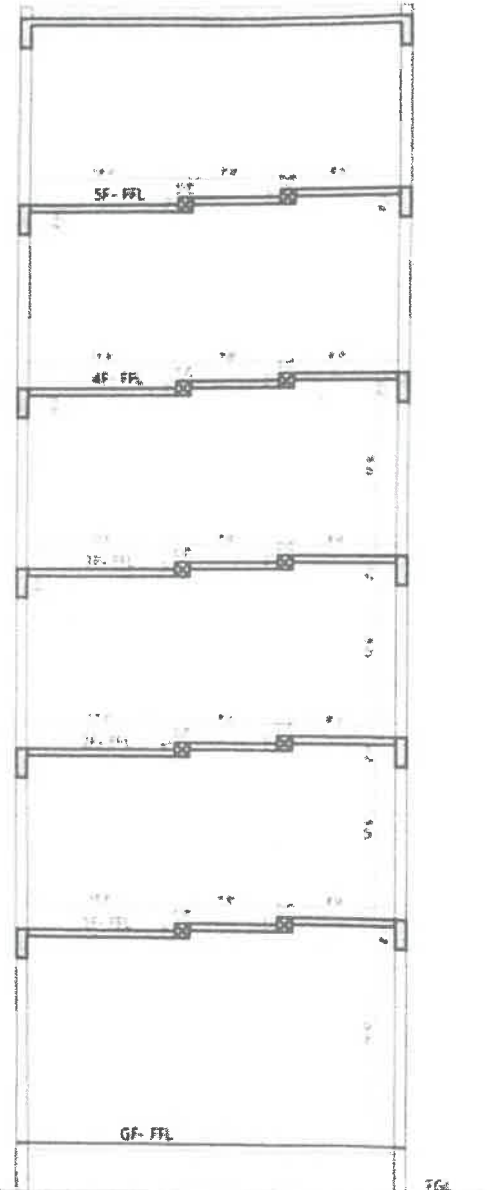
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### K. Engineering New Block



Section



Cross Section

  
Dr. G. Balakrishnan, M.E., Ph.D.,

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