

# Serampore Girls' College

13, T.C. Goswami Street Serampore Hooghly - 712201 West Bengal

## NAAC Criteria 4.1.1

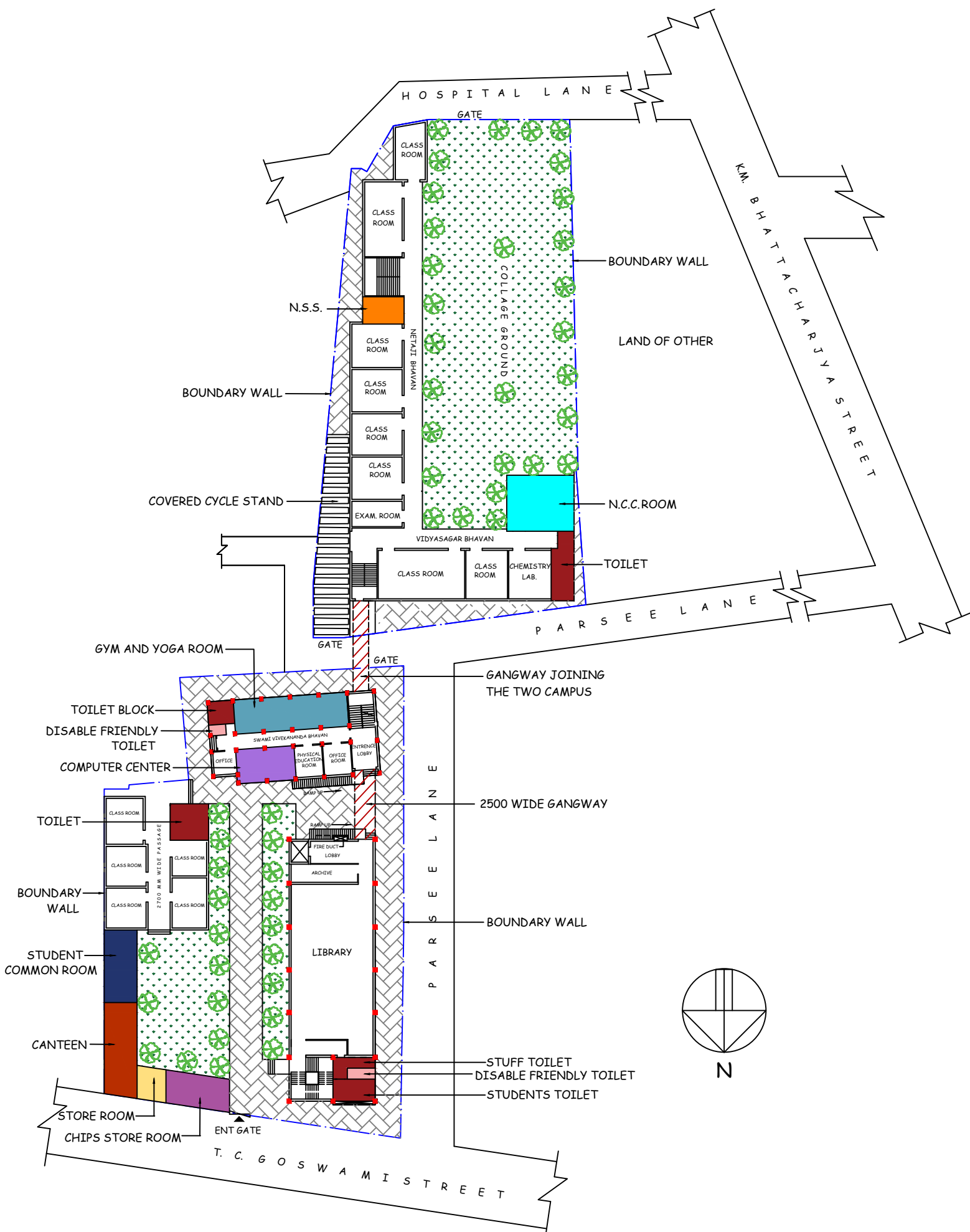


### Details of Departments & Administrative Building

S.No	Academic Building (Vivekananda Bhawan & Netaji Bhawan)	Room No	Description	Department	
1	Ground Floor	VB1	ICT Classroom	Department of Sociology	
		VB2		Department of Urdu	
		VB2a	Chemistry Lab		
			NCC		
			NSS		
			Exam Control Room		
			NB1		
			NB2		
			NB3		
			NB4		
			NB5		Department of Sanskrit
			NB6		Department of Music
			Cheap Stores		
			Cycle Stand		
	Toilet Block for Students				
2	First Floor	VB5	Staffroom		
		VB4			
		VB3	ICT Classroom	Department of History	
		NB 7	General Classroom		
		NB8	ICT Classroom	Seminar Hall	
		NB9	ICT Classroom	Seminar Hall	
		NB10		Department of English	
		NB11	IQAC Room		
	Toilet Block for Students				
3	Second Floor	VB6	Electronics Lab cum Class		
		VB7	Science Staffroom		
		VB8	Computer Sc Lab for Science Students		

		VB9	Physics Lab 1	
		VB10	Physics Lab 2	
		NB12	Computer Sc Lab for General Students	
		NB13	Science Lab	Zoology & Botany
		NB14	ICT Classroom	Department of Bengali
		NB15		Department of Philosophy
		NB16	General Classroom	
		NB17		Department of Political Science
		NB 18		Department of Hindi
		NB19	General Classroom	
4	Third Floor	NB 20	Classroom cum Seminar	
		NB21	Classroom cum Seminar	
		NB22	General Classroom	
		NB23	General Classroom	
<b>SI NO.</b>	<b>NEW BUILDING (SWAMI VIVEKANAD A BHAVAN)</b>	<b>Room No</b>	<b>Description</b>	<b>Department</b>
1	GROUND FLOOR		Office Room	
			Staff Room	Physical Education Department
			Gymnasium cum Yoga Room	
			Computer Centre	
			Toilet Block	
2	First Floor		Principal Room	
			Account Section	
			Principal's Office	
			Toilet Block for Staff	
3	Second Floor	SB 22	Smart Classroom Cum Seminar	
		SB 23	ICT	Department of Economics
		SB 24	ICT	Department of Education
4	Third Floor		Geography Staffroom	Department of Geography
		SB 33	Geography Classroom	Department of Geography

		SB 34	Geography Classroom	Department of Geography
		SB 35	Geography Laboratory(Soil Test Lab, Instrumental Lab, Computer lab)	Department of Geography
5	NEW BUILDING		Central Laboratory	
			Archives	
			Toilet Block	
6	OLD BUILDING			
		OB 1	General Class	
		OB 2		
		OB 3		
		OB 4		
			Security Room	
			Common Room	
			Canteen Room	

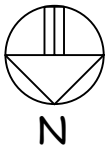
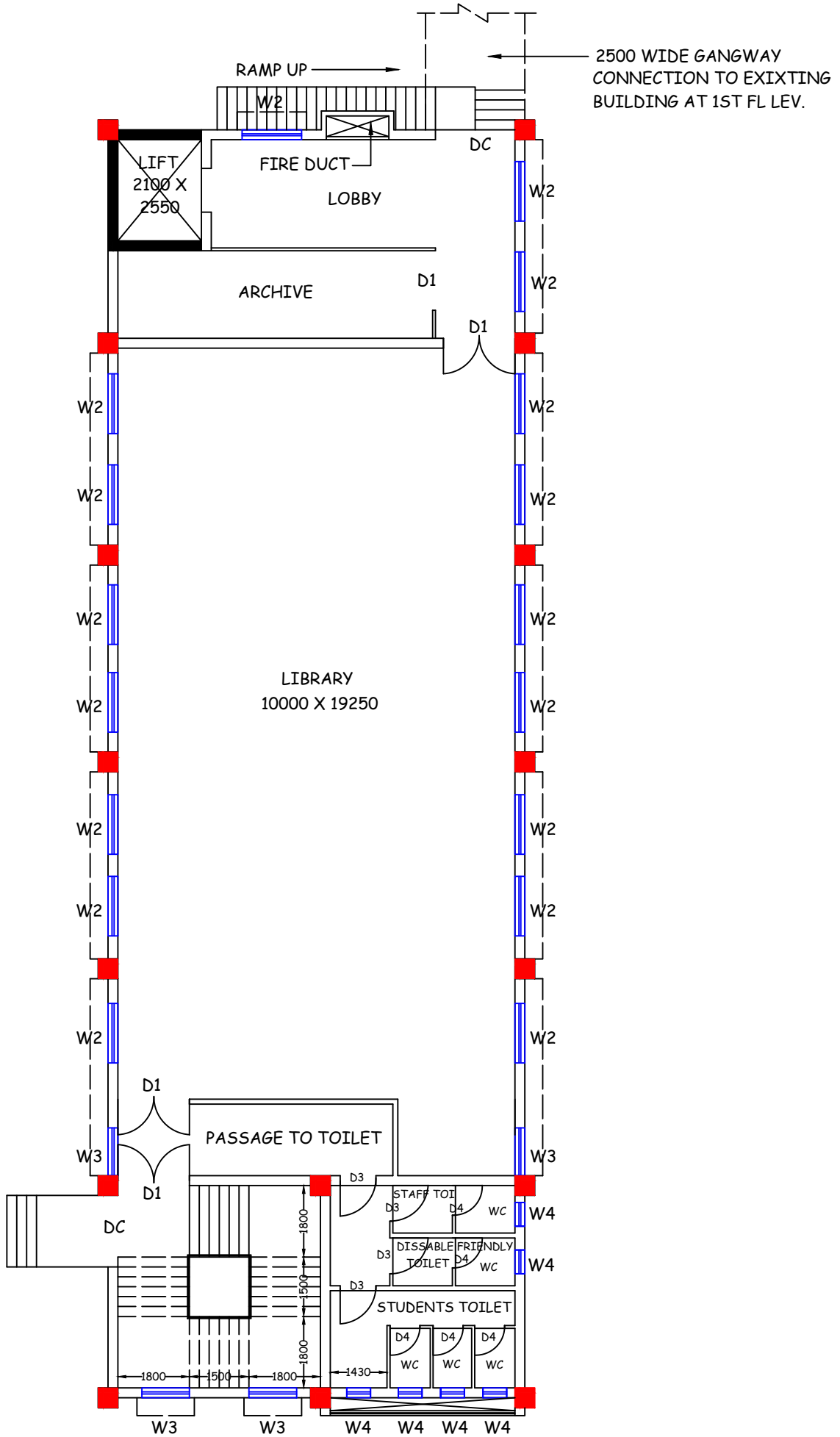


**MASTER PLAN OF SERAMPORE GIRLS COLLAGE**

**SCALE = 1:200**

**NOTE:**

◦ ALL DIMENTIONS ARE IN MM UNLESS OTHERWISE MENTIONED.

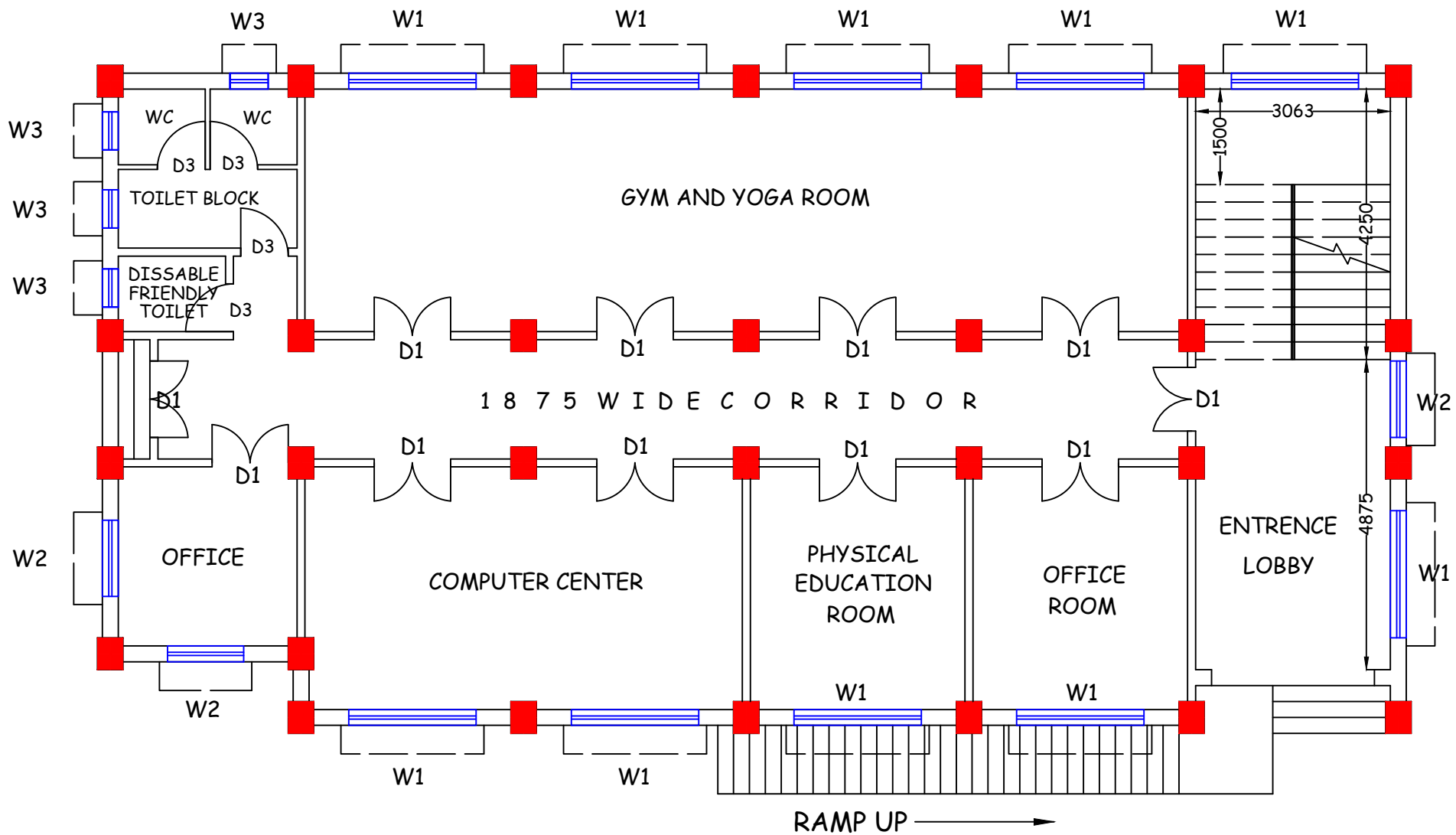


**GROUND FLOOR PLAN OF LIBRARY BUILDING**

**SCALE = 1:100**

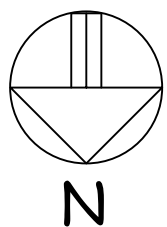
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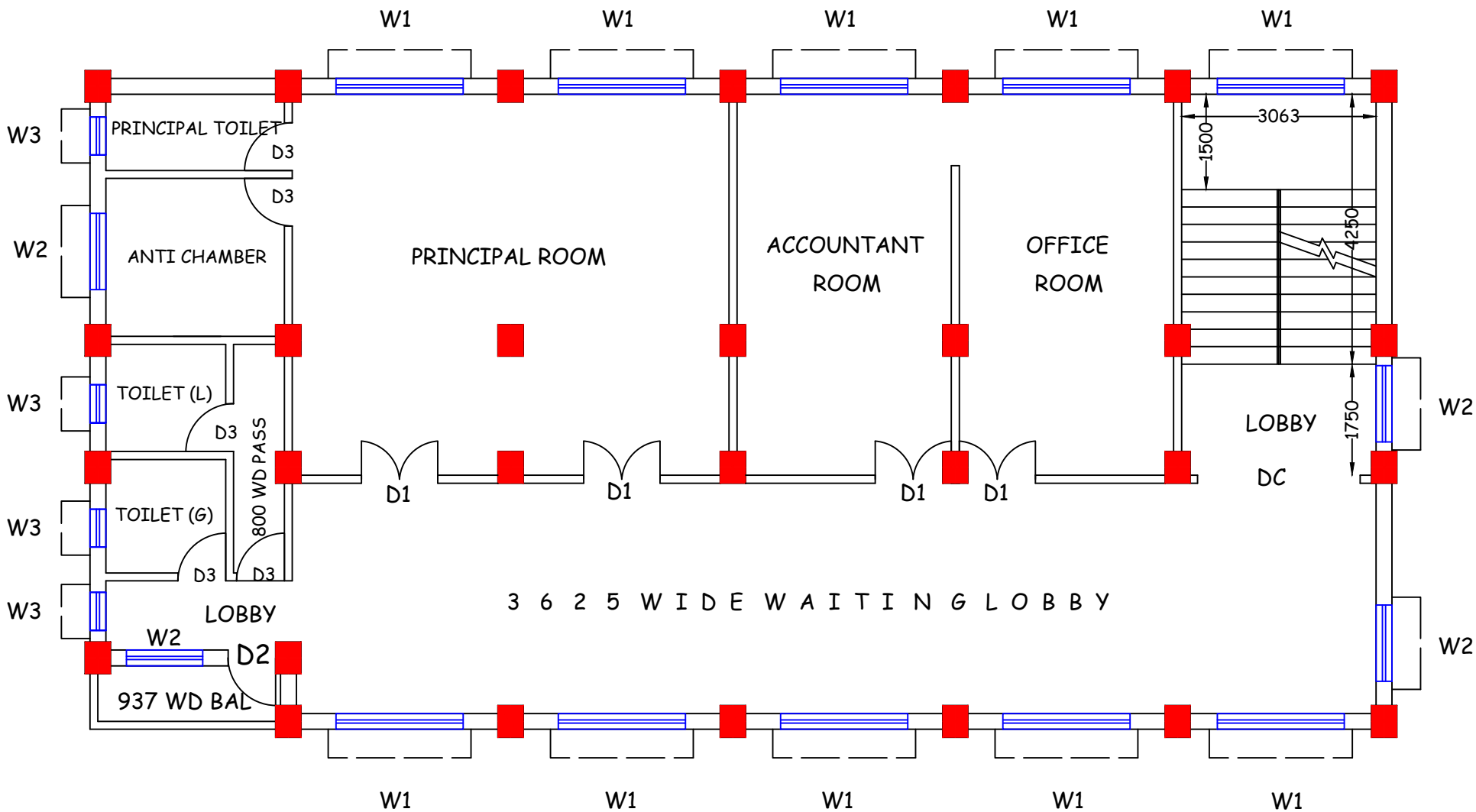
GROUND FLOOR PLAN OF SWAMI VIVEKANANDA BHAVAN

SCALE = 1:100



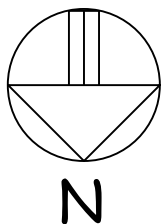
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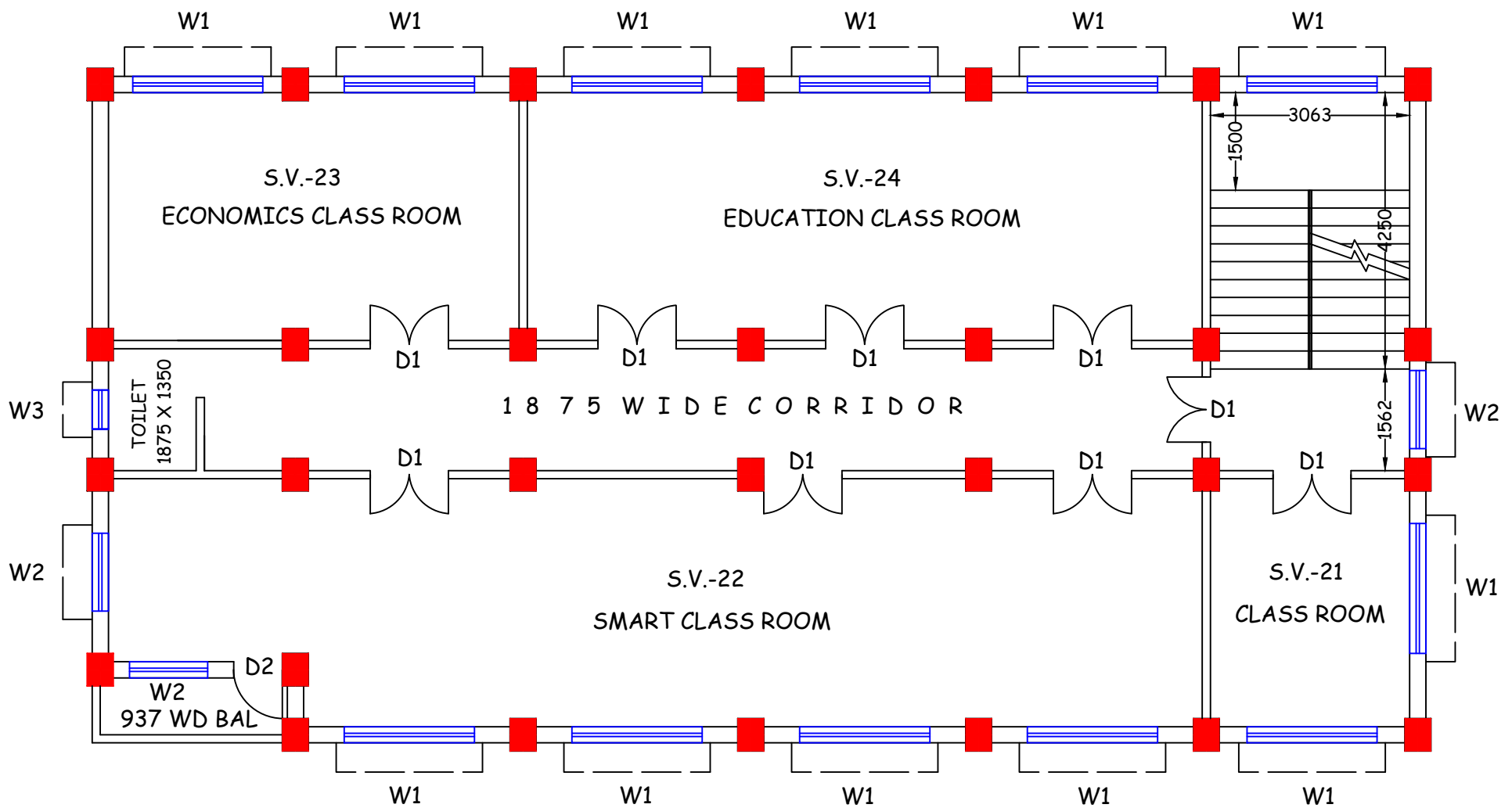
FIRST FLOOR PLAN OF SWAMI VIVEKANANDA BHAVAN

SCALE = 1:100



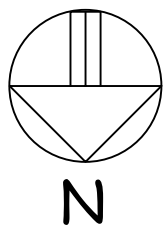
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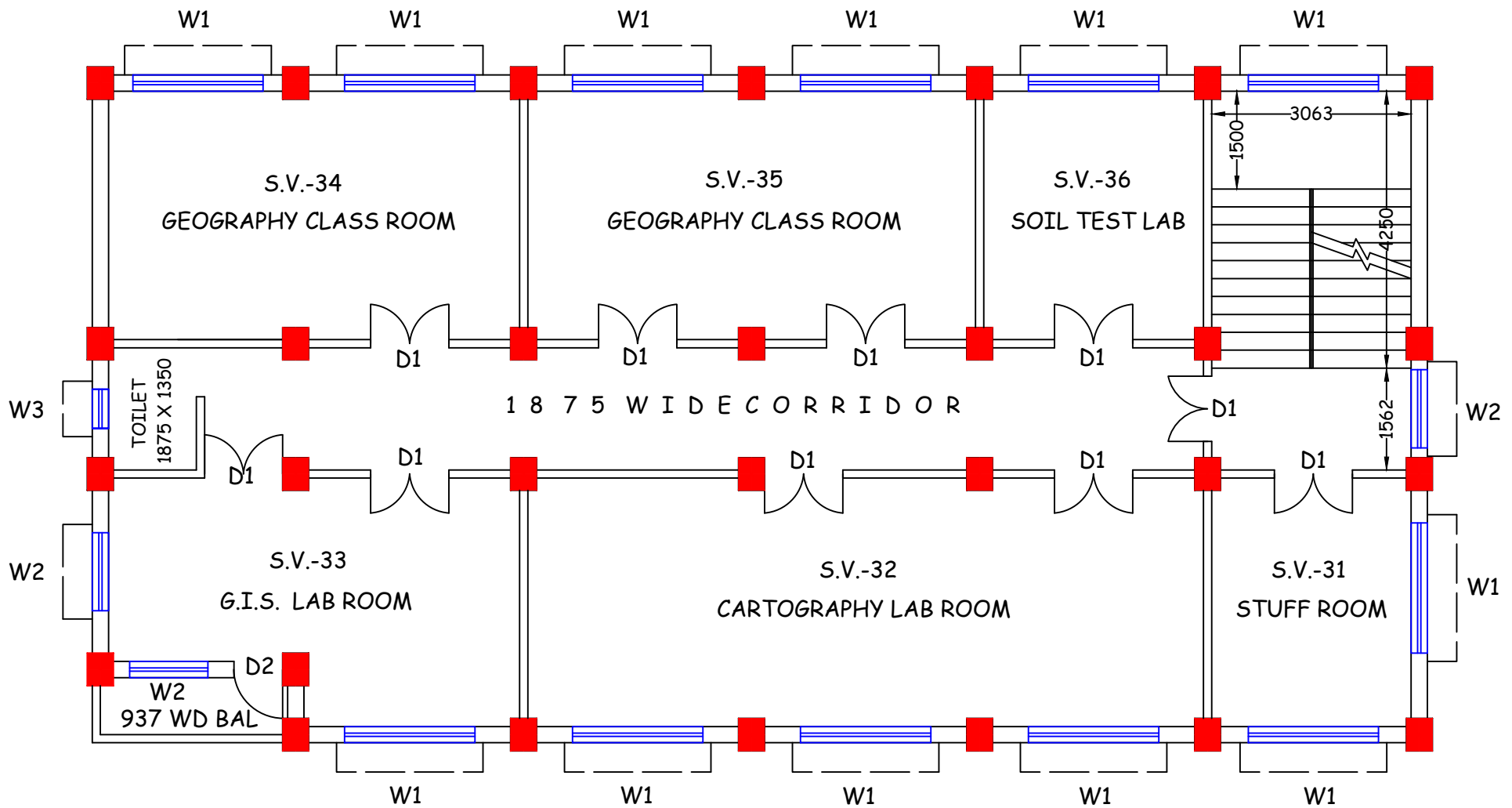
SECOND FLOOR PLAN OF SWAMI VIVEKANANDA BHAVAN

SCALE = 1:100



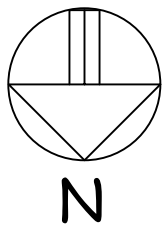
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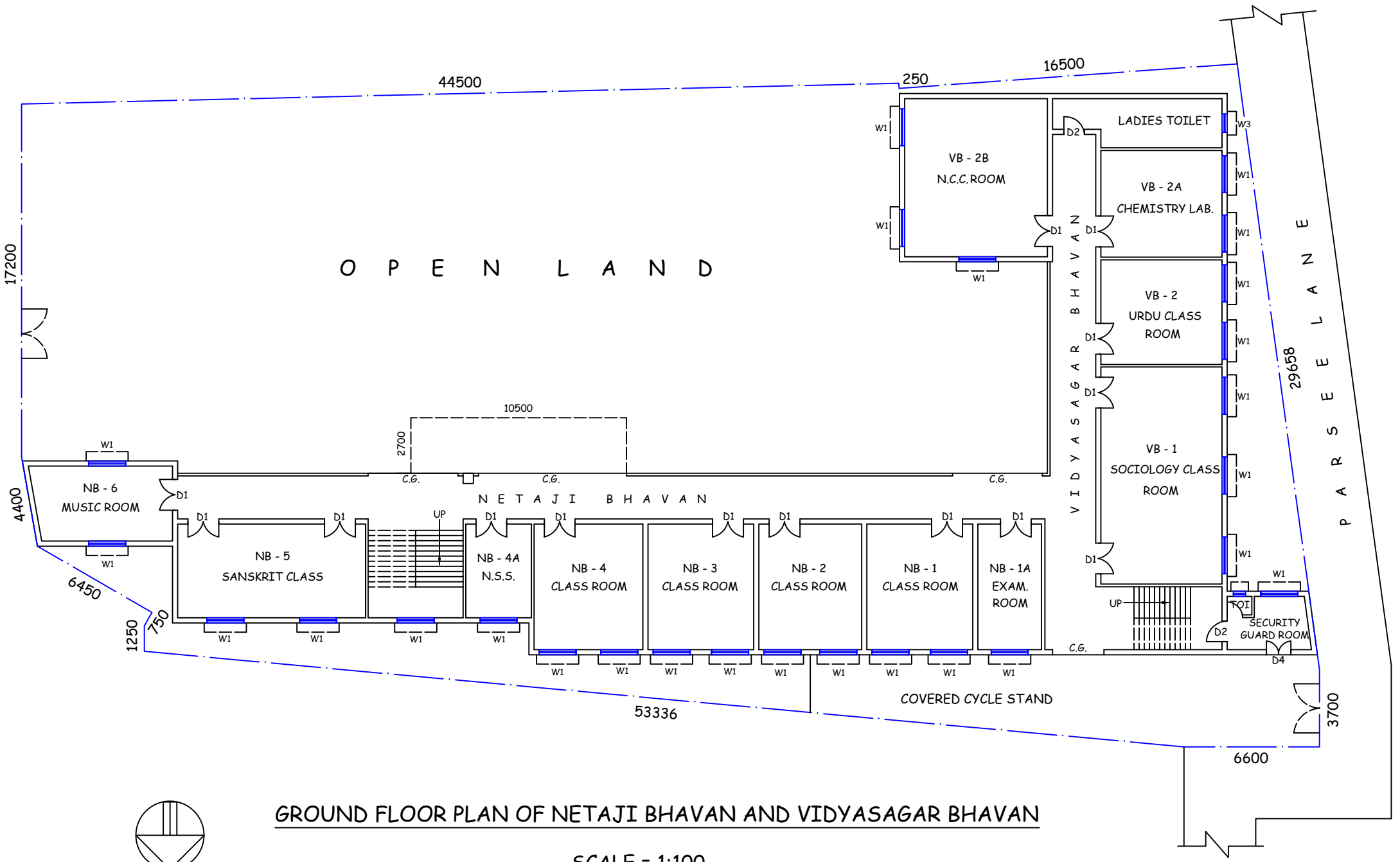
THIRD FLOOR PLAN OF SWAMI VIVEKANANDA BHAVAN

SCALE = 1:100



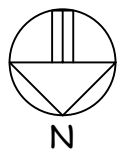
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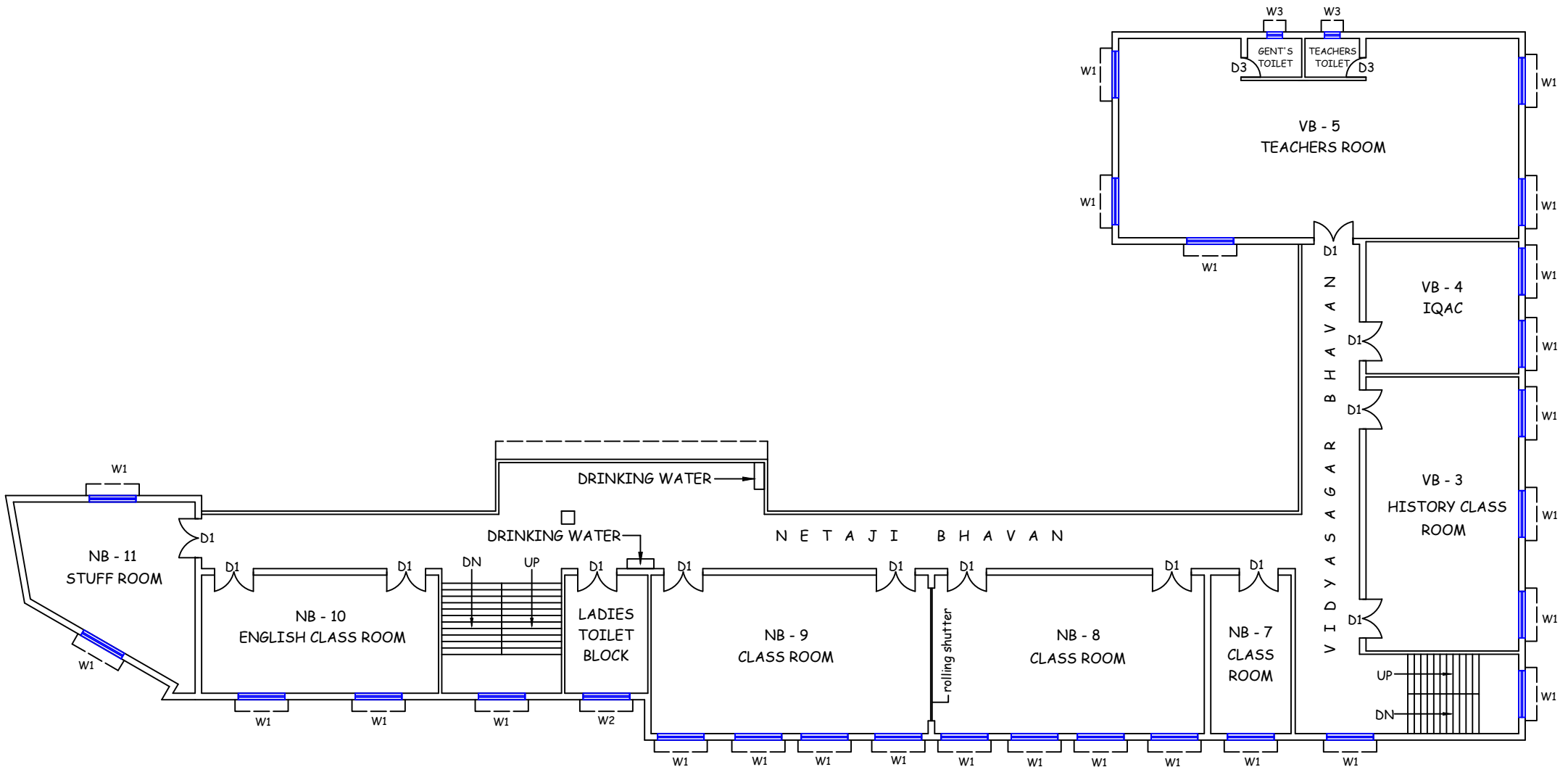
**GROUND FLOOR PLAN OF NETAJI BHAVAN AND VIDYASAGAR BHAVAN**

**SCALE = 1:100**



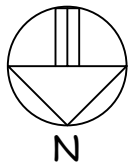
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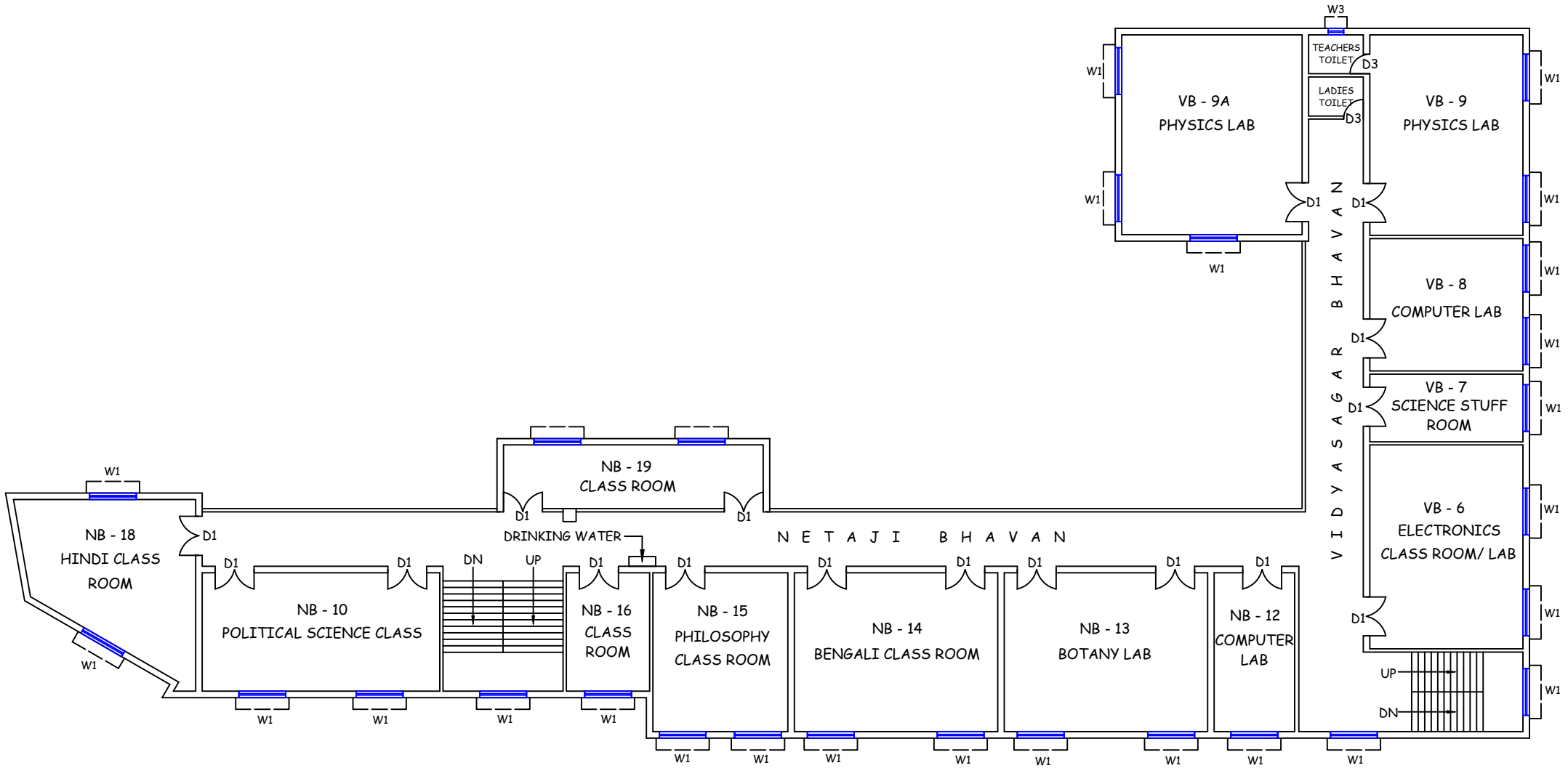
**FIRST FLOOR PLAN OF NETAJI BHAVAN AND VIDYASAGAR BHAVAN**

SCALE = 1:100



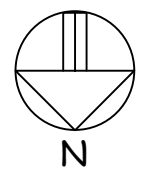
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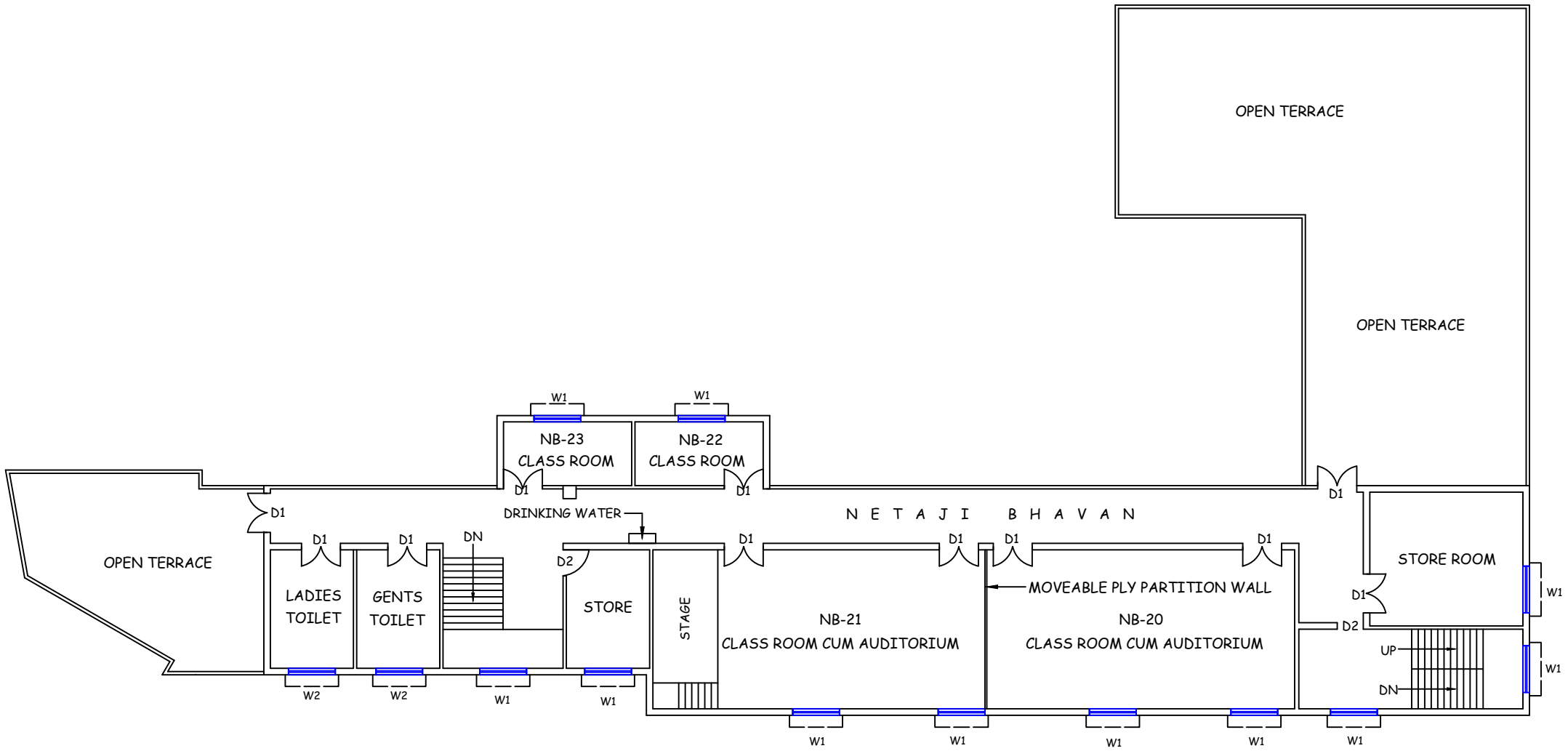
**SECOND FLOOR PLAN OF NETAJI BHAVAN AND VIDYASAGAR BHAVAN**

SCALE = 1:100



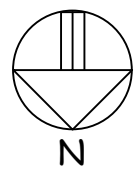
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THIRD FLOOR PLAN OF NETAJI BHAVAN AND VIDYASAGAR BHAVAN

SCALE = 1:100



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## NAAC Criteria 4.1.1



### Consolidated Data of the Labs

S.No.	Department	Name of the Lab	Location	Area
1	Geography	Cartography Lab	3rd Floor (SB 32)	409Sq. ft (Approx)
		GIS Computer Lab	3rd Floor (SB 33)	252 Sq. ft(Approx)
		Soil Analysis Lab	3rd Floor (SB 36)	140Sq. ft (Approx)
2	Botany		2nd Floor (NB13)	500 square foot (approx)
3	Chemistry		Ground Floor (VB2a)	500 square foot (approx)
4	Zoology		2nd Floor (NB13)	500 square foot (approx)
5	Physics		2nd Floor (VB9)	507 square foot (approx)
			Old Building	330.72 square foot(approx)
6	Electronics		2nd Floor (VB6)	500 square foot (approx)
7	Computer Science		2nd Floor (VB8)	340 SQUARE FOOT (APPROX)

### DETAILS OF FUNCTIONAL INSTRUMENTS

#### Name of the Laboratory- Geography

S.No.	Name of the Laboratory- Geography	Functional Instruments	Quantity
1		THEODOLITE WITH STAND	4
2		DUMPY LEVEL	13
3		STAFF	6
4		PRISMATIC COMPASS	15
5		RANGING ROD	6
6		CHAIN	1
7		PLANE TABLE WITH STAND	1
8		SPIRIT LEVEL	6
9		RULER BOX	1 box
10		FORTINS BAROMETER	1
11		DRY &WET BULB THERMOMETER	2

12		THERMOMETER	1(damaged)
13		RAIN GAUGE	1
14		PLANIMETER	3
15		ROTAMETER	35
16		RAILWAY CURVES	1 SET(50)
17		FRENCH CURVES	1 box
18		ABNEY LEVEL	1
19		CLINO METER COMPASS	20
20		MEASURING TAPE	5
21		MAGNIFYING GLASS	1
22		CAMERA- CANON PS SX160 IS	1
23		COLOUR BOX	1
24		WIFI ROUTER	1
25		GLOBE	2
26		PLUMBUB	6
27		MAGNET	2
28		WATER CURRENT METER	1
29		SLIDE PROJECTOR SCREEN 132X175 CM	2
30		MIRROR STEREOSCOPE	6
31		MIRROR STEREOSCOPE POCKET	15
32		STOPWATCH	1
33		TRANSPARENT SHEET	1
34		COMPUTER	9
35		SCANNER	1
36		PRINTER-HP MFPPROCM COLOUR	1
37		PRINTER	
38		INTEX SPEAKER 2475 BITS	1
39		SATELLITE IMAGERY	3
40		ROCKS and MINERALS	2
41		DEVON DISTOMETER	1
42		GARIM ETREX 30 GPS	4
43		HP LASER PRINTER	1
44		MINI WEATHER STATION	1

45		INTEX IB -10500 WITH MIC & USB	1
46		XM S4-MIRROR STEREOSCOPE WITH PARALLAX BAR	1
47		AERIAL PHOTOGRAPHS	30 Pair
48		3D CHART GM I&II	4
49		AUTO LEVEL X3 DUMPY	2
50		ALUMINIUM TRIPOD J3	2
51		GROUND PIN	80
52		MAP MEASURER	34
53		3D CHART	2
54		PENDRIVE	4
55		WOODEN COMPASS	1
56		LAPTOP	1
57		WATER TESTING KIT	1
58		PROTECTOR	19
59		DIAGONAL SCALE	12
60		SET SQUARE	12
61		TRANSPARENT SCALE	24
62		COMPASS WITH EXTENSION BAR	12
63		TENCIL BOX	1 SET
64		FLEXIBLE BOX	1 SET
65		GARDEN UMBRELLA	1
66		SCIENTIFIC CALCULATOR	17
67		Drawing Pen (0.1,0.2,0.3)	3
68		DIVIDER	1
69		GIS SOFTWARE 21ST CENTURY	5 user
70		CANON SCANNER A4 SIZE	1
71		OPTICALSQUARE	1
72		TOPOSHEET	821
73		AREAL PHOTO	30
1	Soil Lab	Refractometer	4
2		OVEN (ELECTRICAL) with Digital Microprocessor Temp. Controller including auto short circuits protection CHAMBER SIZE-15 x 15 x 18 inch	1

3		DIGITAL WEIGHING MACHINE 0.001 gm to 200 gm with imported semi magnetic lode cell CROWN GLASS WIND SHILD, auto cutup Adaptor, big display, SS PAN grade-304, leveling arrangement with stabilized voltage circuits fitted inside the Weighing machine	1
4		PORTABLE DIGITAL PH METER WITH ELECTRODE PH METER, Pocket Model*0 to 14 pH *Display: LCD, 13mm digit size. *Size: 131 x 70 x 25 mm	4
5		One packet of Whattman Filter paper, , 11cm diameter	2packet
6		Borosillicate Glass 250 ml Conical Flask, 250 ml Beaker	3 each
7		Spatula (stainless Steel: 6 inches long: required for putting 5gm soil on Digital balance)	3
8		Borosillicate Glass Measuring Cylinder 100ml, Same 50 ml	3,1
9		Borosillicate Glass Petri Dish with 3 inches diameter (Required for putting the soil in oven),7 diametre	3set
10		Borosillicate Glass Funnel with 3 inches diameter (fitted to conical flask)	3
11		Reagent glass bottle (with glass cap) of 250 ml	2
12		Graduated pipette of 25 ml	2
13		Buffer capsules of pH values 7,4,9.2	9 each
14		Plastic zip lock pouch	12
15		Mortar pestle (wooden/porcelain)	3
16		Mechanical stirrer with RPM meter	1
17		Distilled water: 5 liter jar	2
18		Soil kit	11
19		Mortar and pestle Porcelain or wood with 4 inches Diameter	3

Total Number of Instruments = 1319

**Name of the Lab - Botany**

Sl. No.	Name of the Lab	Functional Instruments	Quantity
1.	<b>Botany</b>	Simple Microscope	2
2.		Compound Microscope	4
3.		Digital weighing machine	1

Total Number of the Instruments= 7

**Name of the Lab - Chemistry**

S.No.	Name of the Lab	Functional Instruments	Quantity
1	Chemistry	Digital Balance	1
2		Stalagmometer	6
3		Burette	0
4		pipette	0
5		beaker	0
6		Volumetric Flask	0
7		Bunsen Burner	0
8		Conical Flask	0
9		Stand	0
10		Wire gauge	0

Total Number of Instruments= 7

**Name of the Lab- Zoology**

S.No.	Name of the Lab- Zoology	Functional Instruments	Quantity
1		Compound Microscope	4
2		10 ml pipette pump	2
3		pipette sucker bulb	4
4		Testtube holder	10
5		spirit lamp	4

Total Number of Instruments = 10

**Name of Laboratory- Physics**

S.No.	Name of Laboratory- Physics	Functional Instruments	Quantity
1		Stefan's constant measurement system	1
2		lees and charlton method experiment	1
3		focal length measurement set up using auxillary method	2
4		Ammeter to voltmeter panel board and voltmeter to ammeter	1

5	determination of horizontal component of earth magnetic field using magnetometer	2
6	Determination of Y modulus of a metal bar of rectangular cross section by the method of exure.	1
7	Determination of Moment of Inertia of a flywheel.	1
8	Determination gravitational acceleration, g using bar pendulum.	1
9	Measurement of a current flowing through a register using potentiometer.	1
10	Determination of the frequency of a tuning fork with the help of sonometer.	1
11	Determination of radius of curvature of plano convex lens/wavelength of a monochromatic or quasi monochromatic light using Newtons ring	1
12	Measurement of specific rotation of active solution (e.g., sugar solution) using polarimeter.	1
13	Viscosity measurment setup 1	
14	ballistic galvanometer	2
15	Biprism Aparatus	1
16	stop watch	4
17	slide calliper	5
18	screw gauge	5
19	DC power supply	5
20	DC voltmeter	2
21	Digital Multimeter	3
22	plug commutator	4
23	lenses (convex)	3
24	Digital OM AMP trainer	1
25	Travelling microscope	2
26	Heater electric	2
27	Tuning fork	1

Total Number of Instruments = 54

**Name of Laboratory – Electronics**

<b>S.No.</b>	<b>Name of Laboratory – Electronics</b>	<b>Functional Instruments</b>	<b>Quantity</b>
1		Integrative Circuit (IC) 7411	11
2		IC 7412	24
3		IC 7413	32
4		IC 7475	48
5		IC 7420	12
6		IC 7447	13
7		IC 7474	16
8		IC 7404	16
9		IC 7408	18
10		IC 7486	15
11		IC 7410	22
12		IC 74153	5
13		IC 7473	5
14		IC 7489	7
15		IC 74138	30
16		IC 7400	30
17		IC 74147	7
18		IC 74151	10
19		IC 74139	9
20		IC 74148	6
21		IC 74193	6
22		IC 74155	17
23		IC 74194	5
24		IC 7421	14
25		IC 7495	10
26		IC 7401	5
27		IC 7483	14
28		IC 7490	2
29		IC 7432	15
30		IC 74189	2

31	IC 7483	14
32	IC 741	5
33	IC 74175	1
34	IC 2114	3
35	IC 555	10
36	IC 7472	10
37	IC 7427	12
38	IC 7425	5
39	7 Segment Display (LT 542)	12
40	Bipolar Junction Transistor (CL 100)	21
41	317 T	14
42	Zener High Volt	18
43	Capacitor	
45	5V Power Supply	2
46	Digital Voltmeter	7
47	True RMS Digital multimeter	1
48	Inductance Capacitance Resistance LCR Kit	2
49	DC Regulated Power Supply	2
50	Digital Multimeter	2
51	DC Power Supply	4
52	IC Regulated Power Supply SET	2
53	Cathode Ray Oscilloscope	3
54	SIGNAL GENERATOR	1
55	CLOCK PULSE GENERATOR	1
56	ZENER DIODE KIT	1
57	OP AMP TRAINER KIT	2
58	MULTIVIBRATOR TRAINER KIT	1
59	TRANSISTOR EXPERIMENT SET (CE, CB, CC)	1
60	DIGITAL MULTIMETER	9
61	MICROPROCESSOR KIT	3
62	AM MODULATION AND DEMODULATION KIT	1
63	FM MODULATION AND DEMODULATION KIT	1

Total Number of Instruments = 597

**Name of the Lab- Computer Science**

SNo	Name of the Lab- Computer Science	Functional Instruments	Quantity
1		DEKSTOP COMPUTER	6
2		INTEL i3 10 Gen Processor Giyabyte H410 Motherboard DDR4 8GB RAM/ Crucial FRONTECH CABINET WITH SMPS ACER 19" LED TVS CHAMP Keyboard Frontech Mouse USB, 128 NVMe SSD EVM UPS 600 VA/FRONTECH	2

Total Number of Instruments= 8