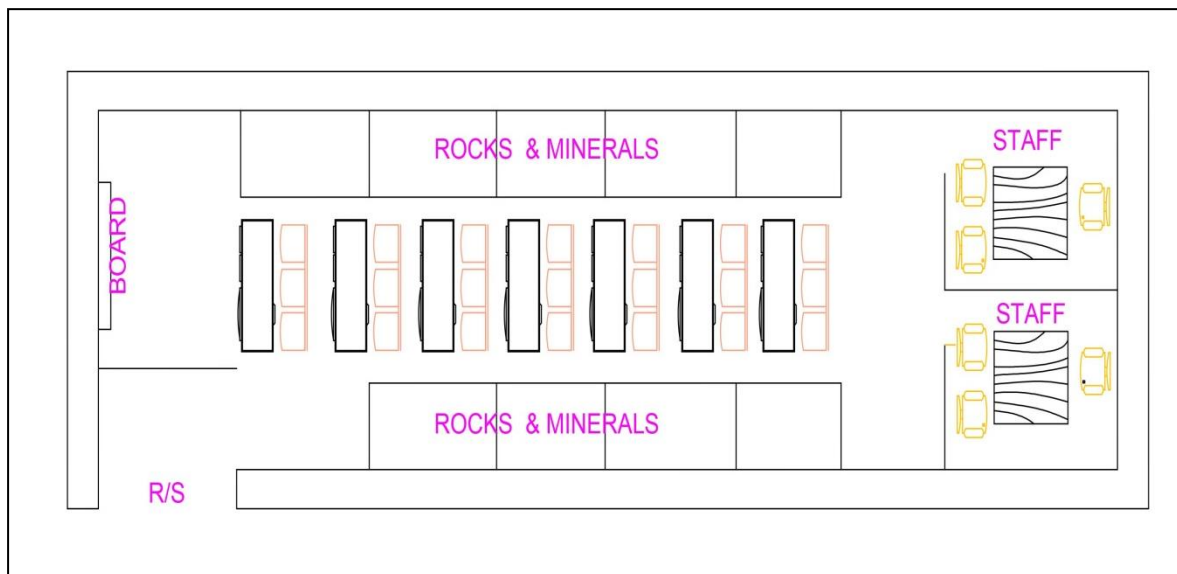




**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARTMENT**

**APPLIED ENGINEERING GEOLOGY LABORATORY**



**PROF. SHIVSHANKAR B.C.**

**LAB INCHARGE**



**MR. CHANDRAPAL**

**LAB INSTRUCTOR**



**MR. YADEV RAO**

**LAB ATTENDER**



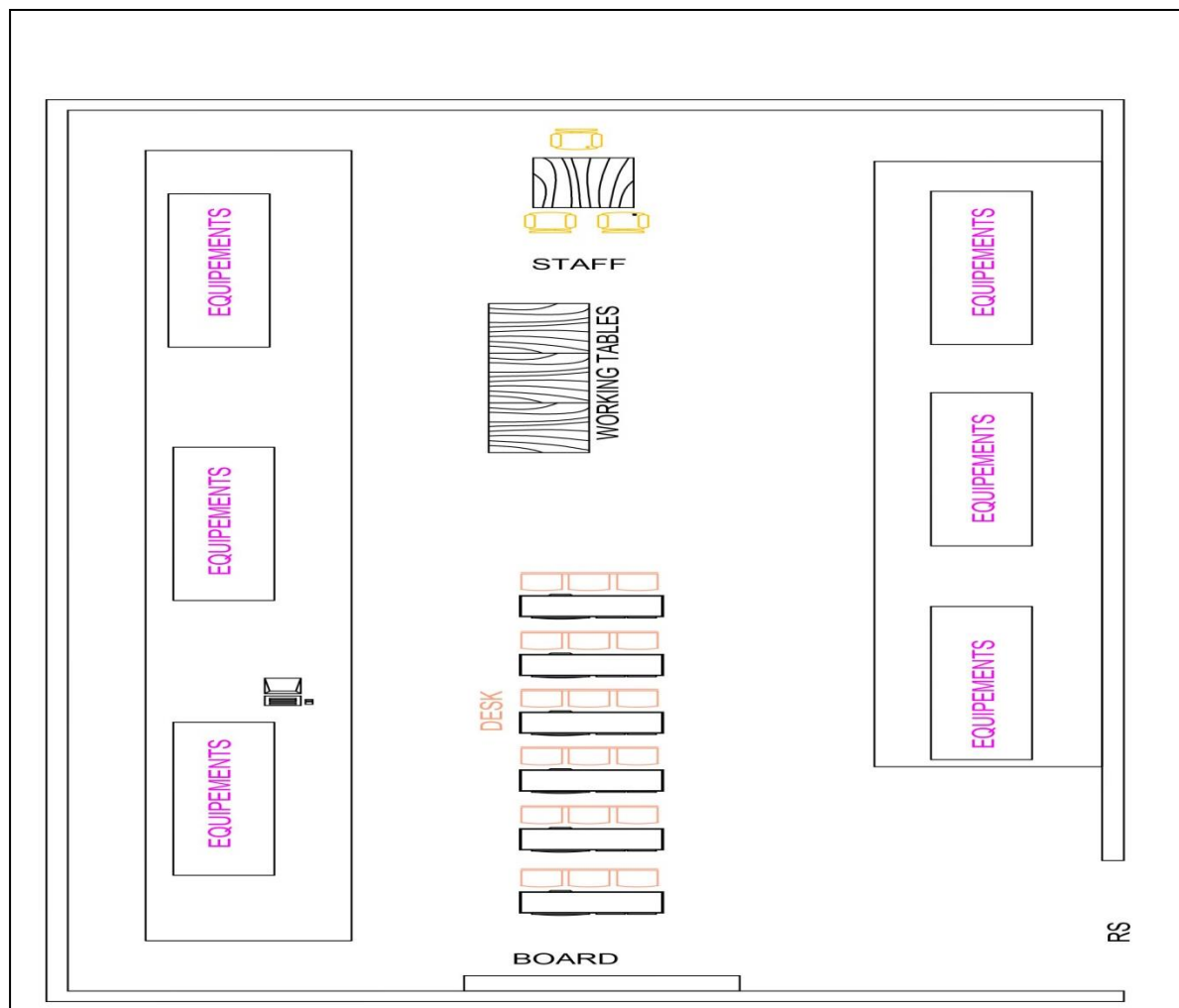
**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

Lab Area		61.25 Sq. m
SR. No.	Name of Equipment	Quantity
1	Crystel Models	12
2	Aqua Finder with hand	1
3	Rocks and minerals	100
4	D.C earth resistensive meter	1 set
5	Rock Polishing machine	1
6	Model showing rock cycle	1



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**BASIC MATERIAL TESTING LABORATORY**





**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**



**PROF.SANDEEP BIRADAR**

**LAB INCHARGE**



**Mr. RUDRAMUNI**

**LAB INSTRUCTOR**



**Mr. YADAV RAO**

**LAB ATTENDER**

Lab area		150.96 Sqm
Sr. No	Name of Equipment	Quantity
1	PENDULUM IMPACT TESTING M/C	1
2	TORSIN TESTING MACHINE	1
3	UNIVERSAL TESTING MACHINE	1
4	ROCKWELL CUM BRINALL HARDNESS TESTING MACHINE	1
5	COMPRSSION TESTING MACHINE (200 TONES)	1
6	COMPUTERISED UNIVERSAL TESTING MACHINE	1
7	COMPRSSION TESTING MACHINE	1
8	SIEVE SHAKER HAND OPERATER	1
9	OVEN (14X14X14 INCHES)	1
10	IMPACT TEST	1
11	SHIEVE SHAKER ELECTRICALLY OPERATED	1
12	WIEGHING BALANCE 10KG	1



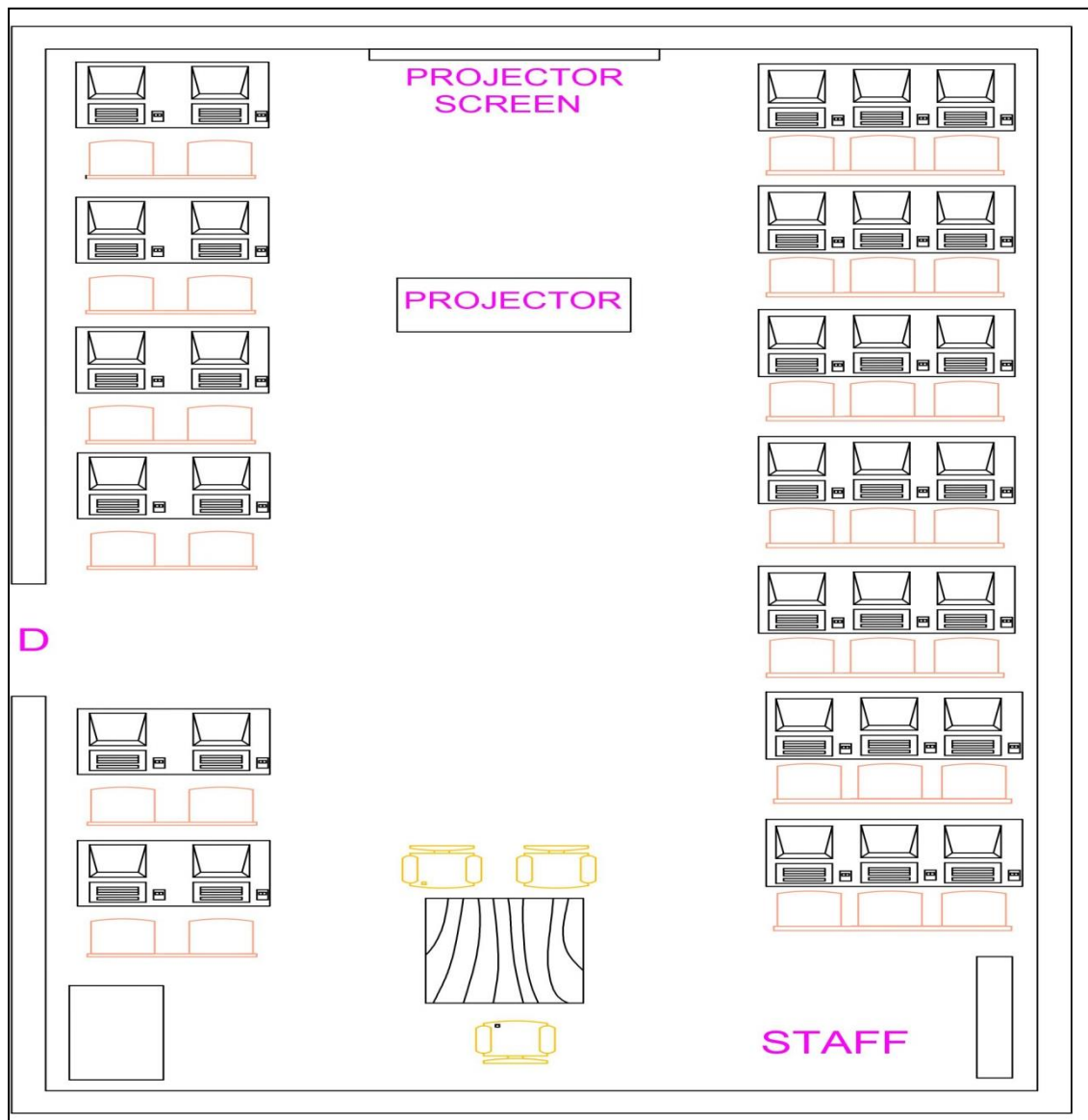
**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**COMPUTER AIDED BUILDING PLANNING & DRAWING LABORATORY / COMPUTER AIDED  
DETAILING LABORATORY**





**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**



**PROF. MANISH**  
LAB INCHARGE



**Mr. CHANDRAPAL**  
LAB INSTRUCTOR



**Mr. SHALIWAN**  
LAB ATTENDER



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

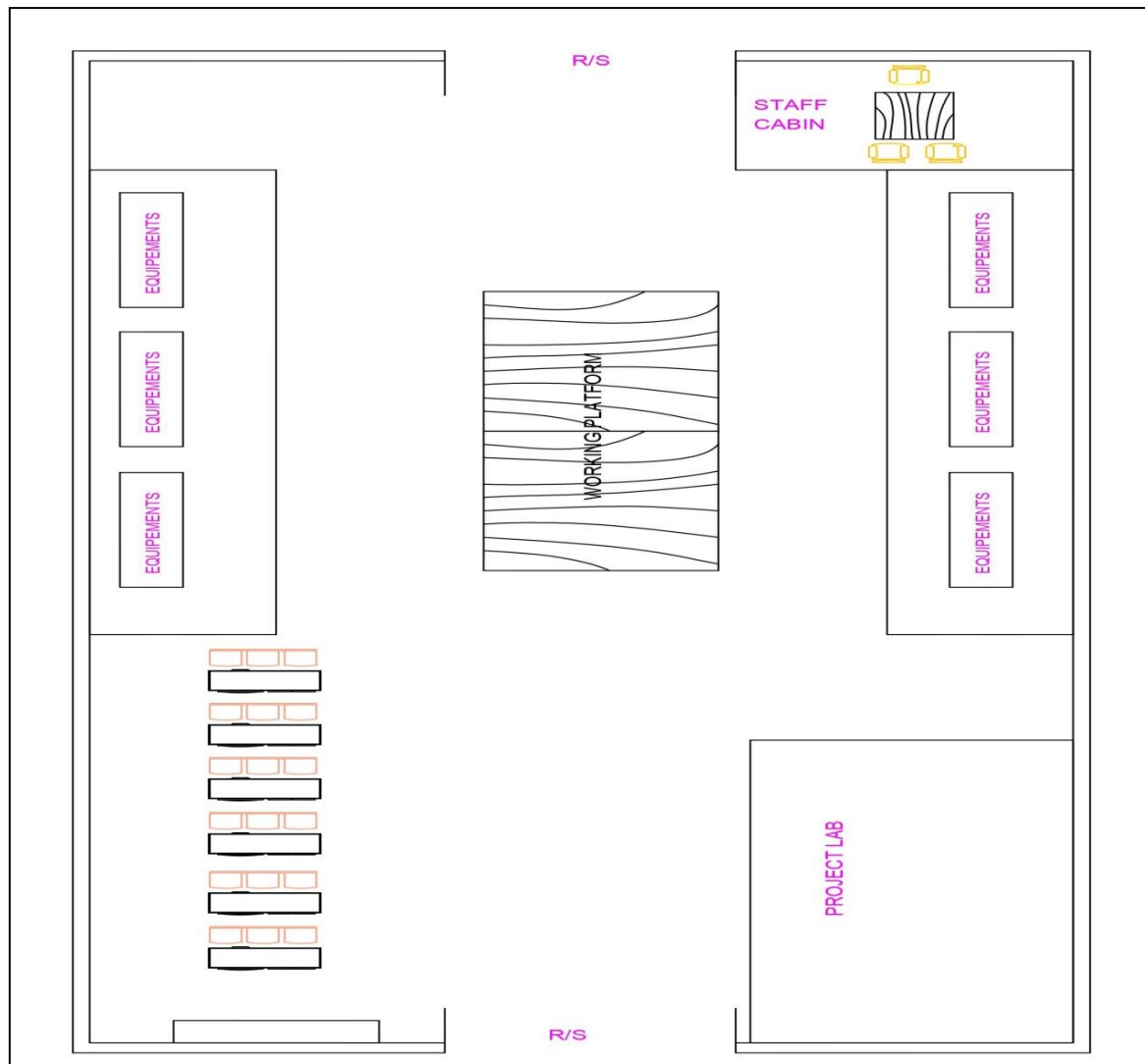
Lab area		<b>103.70 Sq.m</b>
Sr. No	Name of Equipment	Quantity
1	Computers	55
2	Open source software's	
3	5KVA UPS	01
4	10 KVA online UPS	1
5	Canon 2900 printer	01
6	HP A3 printer	01
7	LG Projector LCD	01
8	Benq data Projector LCD	02
9	MS windows 2007	01
10	Windows 10pro	01





**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**CONCRETE AND HIGHWAY MATERIAL TESTING LABORATORY**







**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**



**Prof. Parashuram Lokre**

**LAB INCHARGE**



**Mr. Praveen Biradar**

**LAB INSTRUCTOR**



**Mr. Yadav Rao**

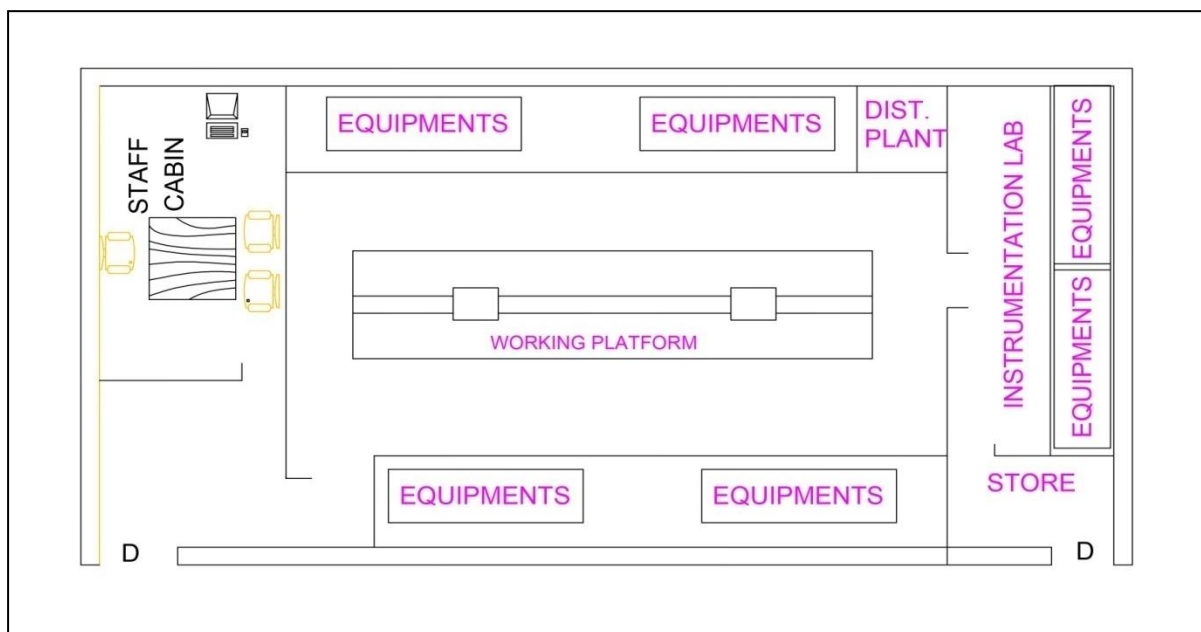
**LAB ATTENDER**

<b>Lab area</b>		<b>354.45 Sqm</b>
<b>Sl. No</b>	<b>Equipment details with specifications</b>	<b>Qty (No's)</b>
1	Aggregate impact test apparatus	1
2	Aggregate crushing value apparatus	1
3	Mixing apparatus	1
4	Compaction factor apparatus	1
5	Cement mortar concrete permeability apparatus	1
6	Vibrating machine	1
7	Devel attrition testing machine	1
8	Los angles abrasion testing machine	1
9	Le-chattier water bath	1 set
10	Flash & Fire point apparatus	1
11	Rebound hammer	1
12	Tar visco-meter	1
13	Vibrating table	1
14	Needle vibrator	1
15	Air permeability apparatus	1
16	VEE BEE consistometer	1
17	Precision Marshal stability test apparatus Schmidt concrete test hammer	1
18	Rebound hammer	1
19	Ductility testing apparatus	1
20	Core cutter machine	1
21	Vicat apparatus	4
22	Softening point apparatus	1
23	Slump cone	4
24	Elongation	2
25	Bitumen penetrometer	1
26	Hand sieve shaker	1
27	Concrete mixer ( 40 lit capacity )	1



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARTMENT**

**ENVIRONMENTAL ENGINEERING LABORATORY**



**Prof. Rajani.S.S.**

**LAB INCHARGE**



**Mr. Rudramuni**

**LAB INSTRUCTOR**



**Mr. Shaliwan**

**LAB ATTENDER**



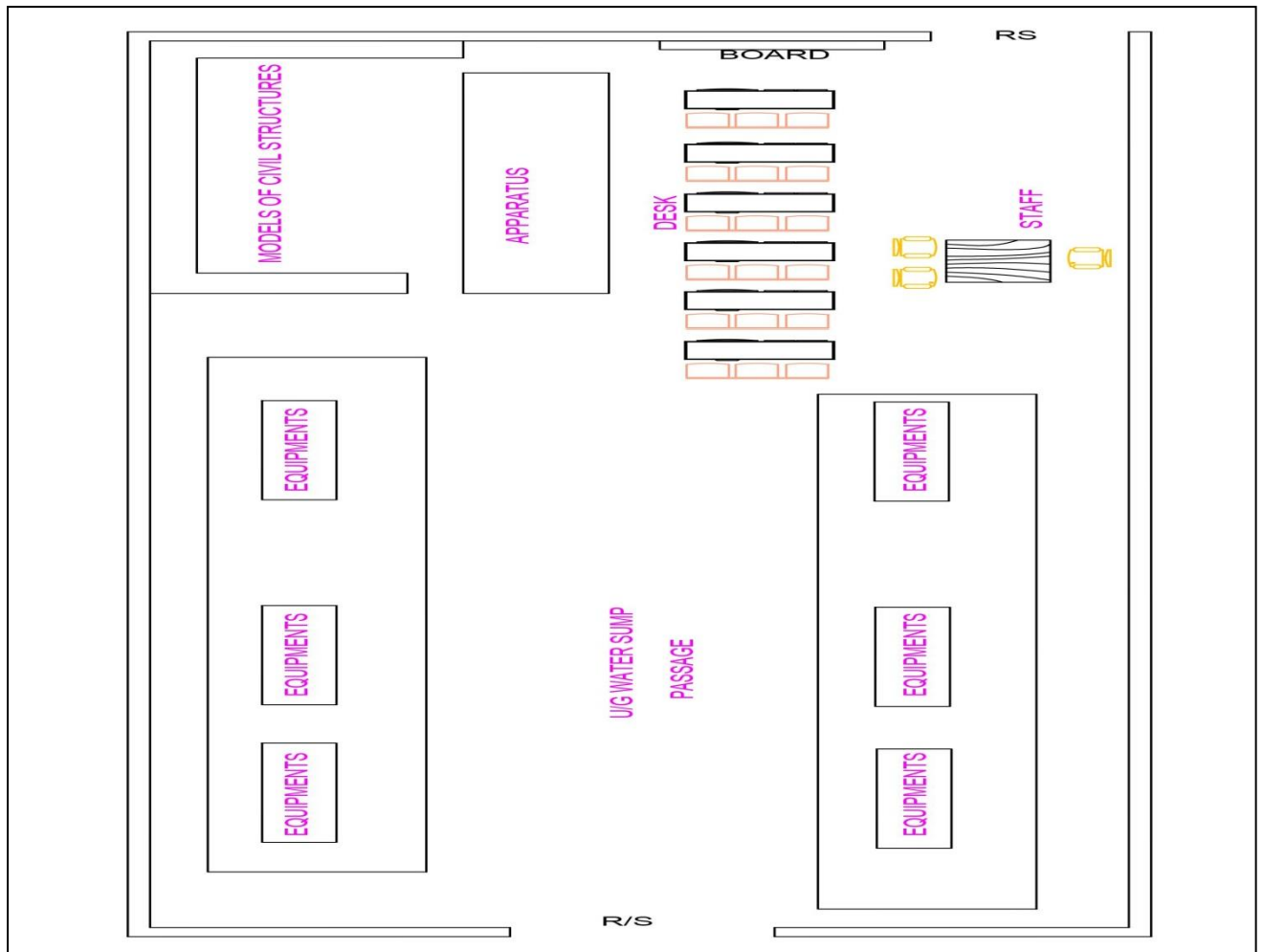
**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

Lab area		75.00 Sqm
Sl. No	Equipment's	Qty
1	Alum jar test apparatus	1
2	Hot plate	1
3	Hot water oven 8065	
4	Jackson turbidity meter	
5	Desiccators	1
6	Spectro photometer FGSL-207	1
7	Microprocessor based Electronic balance	1
8	Digital pH meter	1
9	Digital conductivity meter	1
10	Dissolved oxygen analyzer	1
11	Flame photometer	1
12	Water distillation unit	1
13	Microprocessor or PH meter	1



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARTMENT**

**FLUID MECHANICS LABORATORY**





**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARTMENT**



**Prof. Amar.R.D.**

**LAB INCHARGE**



**Mr. Rudramuni**

**LAB INSTRUCTOR**



**Mr. Shaliwan**

**LAB ATTENDER**

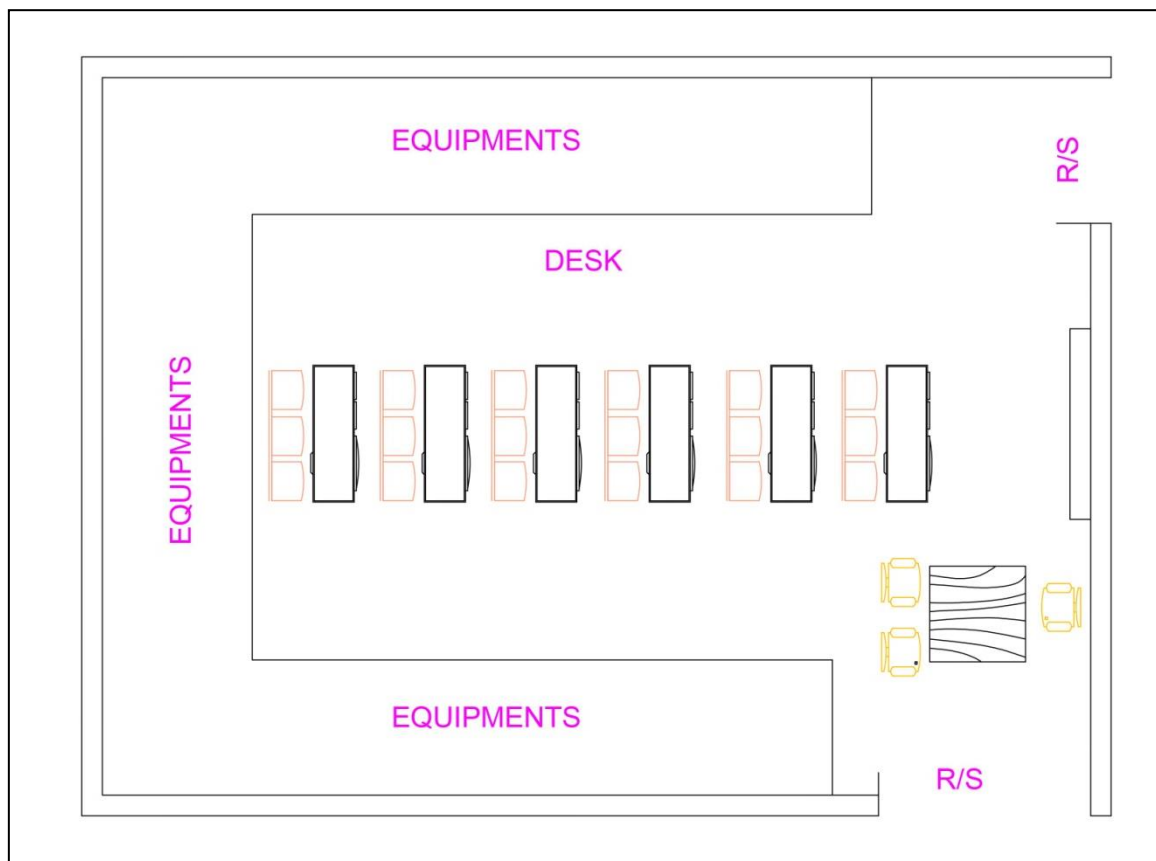
<b>Lab area</b>		<b>314.65 Sqm</b>
<b>Sl. No</b>	<b>Equipment's</b>	<b>Qty</b>
<b>1</b>	Apparatus for the determination of coefficient discharge velocity contraction of orifices	1
<b>2</b>	Apparatus for the determination of coefficient discharge of mouth pieces	1
<b>3</b>	Apparatus for the determination of coefficient discharge of rectangular	1
<b>4</b>	Apparatus for the determination of coefficient discharge of v notch	1
<b>5</b>	Calibration test for measuring discharge of water through venturimeter & orifice	1
<b>6</b>	Determination of Major loss in Pipe friction apparatus	1
<b>7</b>	Apparatus for the determination of minor losses in pipe line	1
<b>8</b>	Venturiflume apparatus (simple type )	1
<b>9</b>	Centrifugal pump at rat speed (Single stage)	1
<b>10</b>	Double stage centrifugal pump	1
<b>11</b>	Francis turbine set	1
<b>12</b>	Pelton wheel turbine set	1
<b>13</b>	Kaplan turbine set	1
<b>14</b>	Apparatus measuring pressure due to impact of jet on vane of different type	1
<b>15</b>	Set of impellers of pumped turbine (model)	1
<b>16</b>	Hand operated tachometer	1
<b>17</b>	Stop clock	4





**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**GEO-TECHNICAL ENGINEERING LABORATORY**







**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR  
CIVIL ENGINEERING DEPARMENT**



**Prof. Vishwanath**

**LAB INCHARGE**



**Mr. Praveen Biradar**

**LAB INSTRUCTOR**



**Mr. Shaliwan**

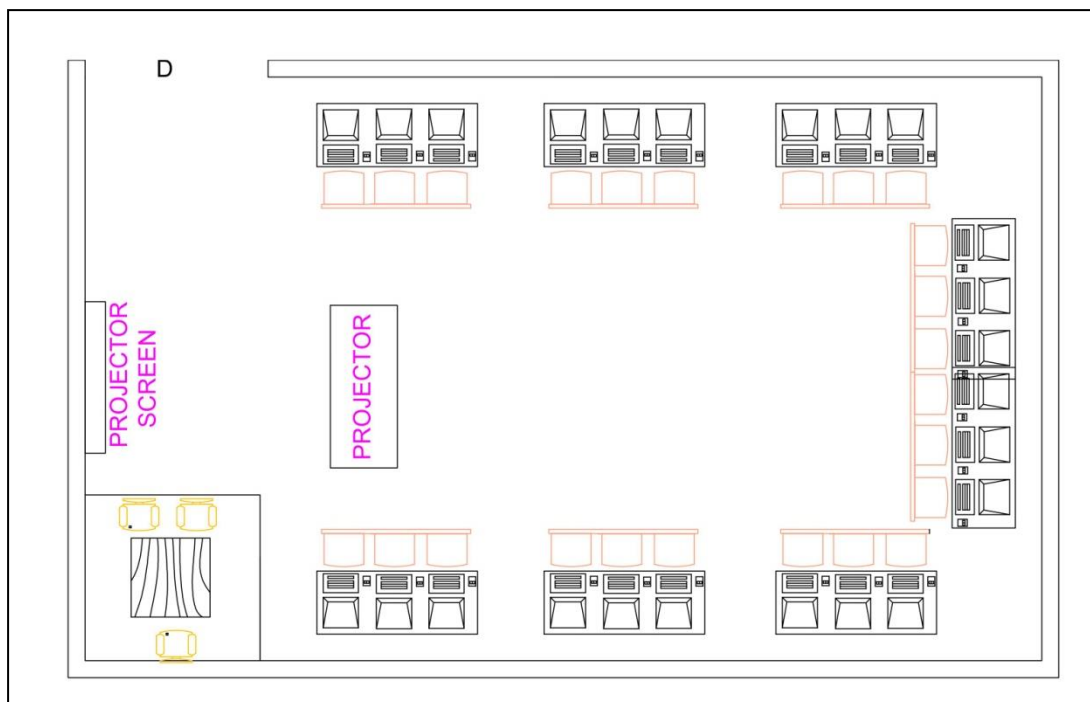
**LAB ATTENDER**

Lab area		<b>87.29 Sqm</b>
<b>Sl. No</b>	<b>Equipment's</b>	<b>Qty</b>
1	Compaction Apparatus	1
2	Direct shear stress apparatus	1
3	Permeability apparatus	1
4	Penetration test apparatus ( drive pipe)	1
5	Sieve shaker ( hand operated)	1
6	Sieve shaker ( motorized )	1
7	Unconfined compression ( motorized)	1
8	Hot air oven (36" X 24" X 24" )	1
9	California bearing ratio apparatus	1
10	Liquid limit kit	2
11	Compaction mould light 1000cc with rammer	1
12	Compaction mould heavy	1
13	Sand replacement app 100mm dia	2
14	Hot air oven (36" X 24" X 24" )	1
15	Sand pouring cylinder	1
16	Cone penetrometer	1
17	Split spoon sampler with liner	1



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**SOFTWARE APPLICATION LABORATORY**



**Prof. Umashankar.Y.**

**LAB INCHARGE**



**Mr. Chandrapal**

**LAB INSTRUCTOR**



**Mr. Shaliwan**

**LAB ATTENDER**



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

Lab area		75.00 Sq.M
Sl. No	Equipment	Qty (No's)
1	Dell Computers	26
2	Lenovo desktop systems	25
3	Open source software's	
4	Graphic cards	25
5	Projector Benq	02
6	Intex speakers	2



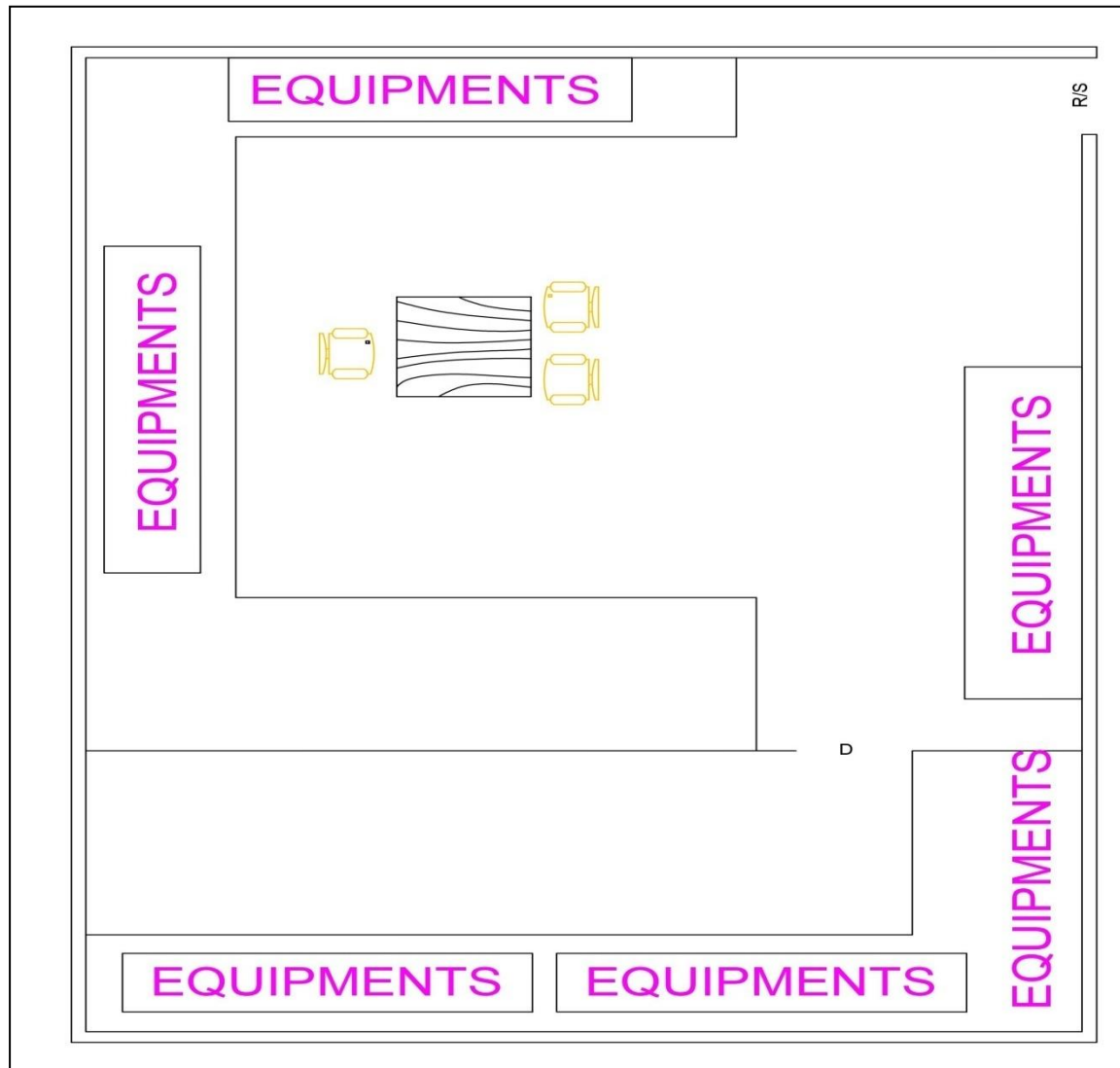
**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**SURVEYING PRACTICE STORE**





**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARTMENT**



**Prof. Mallikarjun.V.K.**

**LAB INCHARGE**



**Mr. Rudramuni**

**LAB INSTRUCTOR**



**Mr. Shaliwan**

**LAB ATTENDER**



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

Lab area		50.00 Sqm
Sl. No	Equipments	Qty
1	Auto level	1
2	Dumpy level with stand	10
3	Survey Plane table with all accessories	2 sets
4	<b>Prismatic compass</b>	<b>10</b>
5	LYNX 20sec transit vernier theodolite model	2
6	Transit theodolite 20 sec	5
7	Transit theodolite 20 sec	5
8	Pentax total station model W-1505N	1









**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**CLASS ROOMS DETAILS:**







Sl. No	Name	Room No	Area
01	CLASS ROOM-1	43	66.50
02	CLASS ROOM-1	53	67.00
03	CLASS ROOM-1	141	67.50
04	CLASS ROOM-1	142	70.50
05	CLASS ROOM-1	144	66.80
06	CLASS ROOM-1	145	103.70

**LABOROTARY DETAILS**

Sl. No	Name of Laboratory	Photo	Area	Cost
1	Applied Engineering Geology Laboratory		61.25 Sqm	0.40 Lakhs
2	Basic Material Testing Laboratory		150.96 Sqm	18.83 Lakhs
3	Concrete & Highway material Laboratory		354.45 Sqm	7.65 Lakhs
4	Fluid Mechanics Laboratory		314.65 Sqm	2.60 Lakhs



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

5	Geo-Technical Engineering Laboratory		87.29 Sqm	1.96 Lakhs
6	Environmental Engineering Laboratory		75.00 Sqm	4.19Lakhs
7	Computer Aided Building planning & drawing Lab		103.70 Sqm	19.06 Lakhs
8	Computer Aided design lab		103.70 Sqm	
9	Software application Laborotaroy		75.00 Sqm	10.28 Lakhs
10	Surveying practice store		50.00 Sqm	13.46 Lakhs



**GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**  
**CIVIL ENGINEERING DEPARMENT**

**DESCRIPTION OF CLASS ROOMS**

SL. NO	PARTICULARS	CLASS ROOM NUMBERS					
		43	53	141	142	144	145
01	AREA IN SQM	66.50	67.00	67.50	70.50	66.80	103.70
02	TEACHING AIDS	-	1. Computer 2. LCD projector		1. Computer 2. LCD projector	1. Computer 2. LCD projector	1. Computer 2. LCD projector
03	NO.OF DESKS	24	24	29	31	29	39

**DESCRIPTION OF STAFF ROOMS**

SL. NO	PARTICULARS	STAFF ROOM NUMBERS								
		HOD 51	50	48	42	51	57	147	147/1	143
01	AREA IN SQM	18.8	48.8	36.6	20.5	10	13.2	35	36.6	20
02	No's OF FACULTY	01	05	02	02	01	02	03	03	02
03	COMPUTING FACILITY	1 Computer 1 Printer	05 Personal Laptops	02 Personal Laptops	01 Personal Laptops 02 computers	01 Personal Laptops	02 Personal Laptops	01 Personal Laptops	02 Personal Laptops 01 computer	01 Personal Laptops