GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

COMPUTER SCIENCE AND ENGINEERING

LIST OF LABORATORIES

Sl. No	Name of Labs
01	Computer Graphics / Web technology Lab
02	System Software & Compiler Design Lab
03	DSC / OPPs Lab
04	Analog & Digital Electronics / Microprocessor & Microcontroller Lab
05	Analysis & Design of Algorithms / Machine Learning Lab
06	DBMS LAB
07	RESEARCH AND DEVELOPMENT LAB
08	PG LAB

Computer Graphics / Web technology Lab (Area 126.00SqM)

LAB INCHARGE   LAB INSTRUCTOR   LAB ATTENDER

Prof. Ashwini m   Mr. Shivanand h   Mrs. Bharati

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Softwares: Windows-7 OS, Microsoft visual studio 2008, PHP, MySql, Apache Server, Xampp Server		
2	Intel Core i-3,Core 2 Duo 4GB & 8GB RAM, 500GB HDD, ACER LED Monitor and all peripherals	30	9,85,625
3	HP PROLIANT ML330 G6 INTEL XEON SERVER	1	
4	UPS 10 KVA with 16 set of batteries	1	
5	HP M1005 MFP PRINTER	1	

Lab Incharge   **HOD CSE**

System Software & Compiler Design Lab (126 SqM)

LAB INCHARGE	LAB INSTRUCTOR	LAB ATTENDER
Prof. Giriraj Patil	Mr. Shivanand h	Mrs. Bharati

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Softwares: Windows-7 OS, Turbo C++, Oracle DB Software		
2	Intel Core 2 Duo 2 GB 250 GB HDD, 2 GB RAM with LCD Monitor and all peripherals	32	
3	HP PROLIANT ML330 G6 INTEL XEON SERVER	1	7,94,525
4	UPS 10 KVA with 16 set of batteries	1	

Lab Incharge   **HOD CSE**

DSC / OPPs lab (Area 100.00 SqM)

LAB INCHARGE	LAB INSTRUCTOR	LAB ATTENDER
Prof. Asha P	Mrs. Girija Kulkarni	Mr. Shivaraj Z

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Softwares: Windows-7 OS, Turbo C++, Oracle, JAVA, Cygwin, NS2, Web development tools and student project related softwares		
2	Intel Core i3 Processor, 500 GB HDD, 4GB RAM 19.5" LCD Monitor	25	
3	Intel Core 2 Duo	15	
4	15KVA UPS with 30 set of Batteries	1	15,61,975
5	1.5 Ton Voltas Air Conditioner	6	
6	HP M1005 MFP PRINTER	1	

Lab Incharge   **HOD CSE**

Analog & Digital Electronics / Microprocessor & Microcontroller Lab (Area 98.00 SqM)

LAB INCHARGE   LAB INSTRUCTOR   LAB ATTENDER

Prof. Gururaj S   Mr. Chandrashekhar M   Mrs. Bharati

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Softwares: Windows-7 OS, KEIL, Multisim, Flash magic		
2	Core-2-Due 1GB Ram, 250 GB HDD, LG LCD Monitor with all peripherals	21	3,89,469
3	UPS 10 KVA with 16 set of batteries	1	

Lab Incharge   **HOD CSE**

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Analysis & Design of Algorithms / Machine Learning Lab (Area 99.00 SqM)

LAB INCHARGE	LAB INSTRUCTOR	LAB ATTENDER
Prof. Margesh K	Mr. Amarjeet Singh	Mrs. Bharati

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Windows-7 OS,Python, Ananconda, Eclips, Turbo C++		
2	INTEL CORE i3 LENOVO DESKTOP SYSTEMS	16	
3	Dual Core, 1 GB Ram, 160 GB HDD	6	9,97,000
4	UPS 10 KVA with 16 set of batteries	1	

Lab Incharge   **HOD CSE**

DBMS Lab (98 SqM)

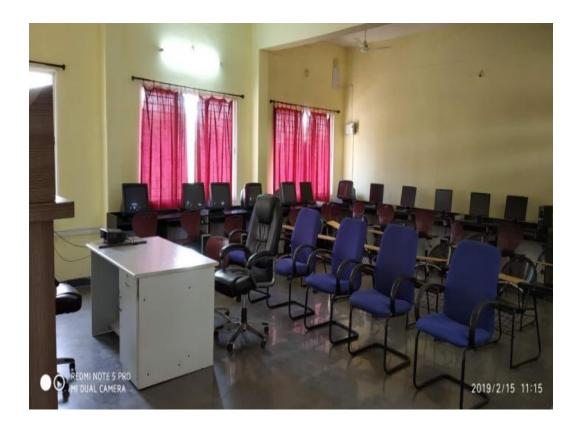# GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

LAB INCHARGE   LAB INSTRUCTOR   LAB ATTENDER

Prof. Suresh C   Mr. Chandrashekhar M   Mrs. Bharati

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Windows-7 OS, Turbo C++, Oracle DB Software		
2	Core-2-Due 1GB Ram, 250 GB HDD, LG LCD Monitor with all peripherals	23	
3	Lenovo Desktop i3	5	10,83,775
4	UPS 10 KVA with 16 set of batteries	1	
5			

Lab Incharge   **HOD CSE**

RESEARCH AND DEVELOPMENT LAB SqM)

LAB INCHARGE   LAB INSTRUCTOR   LAB ATTENDER

Dr. Padmanjali H   Mr. Amarjeet Singh   Mrs. Bharati

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Core Duo 2.66, MBD Intel, 1GB RAM, HDD 160GB	6	
2	LENOVO INTEL CORE i-3, 4GB RAM, 500 GB HDD	6	
3	ARDUINO UNO R3 WITH USB CABLE	3	409920
4	RASPBERRY P1 3	3	
5	16BG CLASS 10 SANDISK MICRO SD CARD	3	
6	ERD POWER ADAPTER	4	
7	HDMI TO VGA CABLE	3	
8	DC TOY MOTOR	2	
9	SOIL MOISTURE SENSOR	2	
10	ULTRA SONIC SENSOR	2	

11	PIR SENSOR	2	
12	LDR MODULE	2	
13	MQ2 SMOKE SENSOR WITH BREAKOUT BOARD	2	
14	DHT11 TEMP AND HUMIDITY SENSOR	2	
15	7 SEGMENT DISPLAY	2	
16	SIM 800 GSM/ GPRS/ BLUETOOTH MODULE	2	
17	ETHERNET SHIELD	2	
18	SINGLE CHANNEL RELAY BOARD WITH OPTOCOUPLER	3	
19	SERVO SG90 MICRO SERVO	2	
20	LED'S (RED, GREEN,YELLOW,INFRARED)	12	
21	PUSH BUTTONS	4	
22	SEGISTER BOX	2	
23	JUMPERS(M-M,M-F,F-F- 1 SET EACH)	3	
24	SINGLE STAND HOOK UP WIRE	4	
25	BREADBOARD	4	
26	BUZZER	3	
27	16 x 2 LCD DISPLAY	2	
28	RC522 RFID READER KIT	2	

Lab Incharge   **HOD CSE**

PG LAB (66 SqM)

LAB INCHARGE   LAB INSTRUCTOR   LAB ATTENDER

Prof. Asha P   Mrs. Girija Kulkarni   Mr. Shivaraj Z

Sl No	Equipment details with specifications	Qty (No's)	Total cost in (Rs)
1	Windows-7 OS, Turbo C++, Oracle, JAVA, Cygwin, NS2, Web development tools and student project related softwares		
2	Core i3, Intel 50G MBD, RAM 2GB, HDD 500GB, CLR 19"LCD	19	
3	E-Vidya server from VTU & Research Server(HP 330)	1	
4	HP Servers Porlant 110(Office)	1	7,12,100
5	1.5 & 2 Tons Voltas Air Conditioners	2	
6	2KVA UPS	1	
7	HP LaserJet P1566	1	

Lab Incharge   **HOD CSE**