

## School of Information and Communication Technology Gautam Buddha University

Kuma	ar)		
1	Societa Docad Commutan System		(1
$\frac{1}{2}$	Soalris Based Computer System  Desistant with windows appreciate system		02
	Desktop with windows operating system	MCOL	02
3	Software running on this systems(JAVA,C,C-	++,MySQL)	
_	puter Laboratory 2(Professor-in charge: Ms.	Aarti Singh Gautam Dinker <b>Technica</b>	al Support
Mr. <u>5</u> 1	anjeev Kumar  Soalris Based Computer System		62
2	Desktop with windows operating system		01
3	Software running on this systems(JAVA,C,C-	++,MySQL)	01
	Electronics Laboratory (Professor-in charge	: Ms. M. Kodeshwari <b>Technical Sup</b>	port: Mr.
S.No	· · · · · · · · · · · · · · · · · · ·	Specifications	Quant
1	Dual Trace Oscilloscope (CRO)	20 MHz Dual Trace	15
	Buil Trace Oscinoscope (CRO)	10 MHZ am fm generator	13
2	Function Generator /Counter	counter	15
		5V, +/-, fixed & 0-32	
3	Regulated DC Power Supply	5V, +/-, fixed & 0-32 variable	15
4 Elect	Digital Multimeter tronic Circuit Laboratory/Logic Design Labo	variable 3 3/4 digital LCD Multimeter  oratory (Professor-in charge:Mr. Nav	15
4  Elect  Singh	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Dr. Anurag Singh Baghel Technical Suppor	variable 3 3/4 digital LCD Multimeter  oratory (Professor-in charge: Mr. Nav t: Mr. Ravinder Kumar)	neet
4 Elect Singh S.No.	tronic Circuit Laboratory/Logic Design Laboratory Singh Baghel Technical Suppor	variable 3 3/4 digital LCD Multimeter  oratory (Professor-in charge: Mr. Nav t: Mr. Ravinder Kumar)  Specifications	neet Quant
Elect Singh S.No.	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply	variable 3 3/4 digital LCD Multimeter  oratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications E3631A	neet  Quant 10
4 Elect Singh S.No. 1 2	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply  DC Power Supply	variable 3 3/4 digital LCD Multimeter  oratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications E3631A E3630A	15 neet  Quant 10 10
4 Elect Singh S.No. 1 2 3	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply  DC Power Supply  Function /Arbitrary Fn+	variable  3 3/4 digital LCD Multimeter  oratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A	15 neet  Quant 10 10 10
4 Elect Singh S.No. 1 2	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply  DC Power Supply  Function /Arbitrary Fn+  Oscilloscope, 2-Channel, 60 MHz	variable 3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A	15    Quant   10   10   10   5
Elect Singh S.No. 1 2 3 4 5	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Logic Design Laboratory/Logic Design Laboratory/Logic Design Laboratory/Logic Design Laboratory/Logic Design Laboratory Function Support Name of Instrument  DC Power Supply DC Power Supply Function /Arbitrary Fn+ Oscilloscope, 2-Channel, 60 MHz Oscilloscope, 2-Channel, 200 MHz	variable  3 3/4 digital LCD Multimeter  oratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A	15 neet  Quant 10 10 10
4 Elect Singh S.No. 1 2 3 4	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply  DC Power Supply  Function /Arbitrary Fn+  Oscilloscope, 2-Channel, 60 MHz  Oscilloscope, 2-Channel, 200 MHz  True RMS 1000A AC Clamp Meter	variable 3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A	15 neet  Quant 10 10 10 5 2
Elect Singh S.No. 1 2 3 4 5	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory.  Dr. Anurag Singh Baghel Technical Support  Name of Instrument  DC Power Supply  DC Power Supply  Function /Arbitrary Fn+  Oscilloscope, 2-Channel, 60 MHz  Oscilloscope, 2-Channel, 200 MHz  True RMS 1000A AC Clamp Meter  True RMS 50000 Count Handheld DMM with	variable 3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A	15    Quant   10   10   5   2   2
4 Elect Singh S.No. 1 2 3 4 5 6 7	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory/Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply  DC Power Supply  Function /Arbitrary Fn+  Oscilloscope, 2-Channel, 60 MHz  Oscilloscope, 2-Channel, 200 MHz  True RMS 1000A AC Clamp Meter	variable 3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A	15 neet  Quant 10 10 10 5 2 2 6
4 Elect Singh S.No. 1 2 3 4 5 6 7 8 9	True RMS 1000A AC Clamp Meter  Digital Multimeter  Digital Multimeter  True RMS 50000 Count Handheld DMM with Digital Multimeter  LCR Meter	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15 neet  Quant 10 10 10 5 2 6 2 2
Elect Singh S.No. 1 2 3 4 5 6 7 8 9	True RMS 1000A AC Clamp Meter  True RMS 50000 Count Handheld DMM with Digital Multimeter  LCR Meter  Digital Multimeter  Digital Multimeter  Digital Multimeter  DC Power Supply  DC Power Supply  Function /Arbitrary Fn+  Oscilloscope, 2-Channel, 60 MHz  True RMS 1000A AC Clamp Meter  True RMS 50000 Count Handheld DMM with Digital Multimeter  LCR Meter  dicial Intelligence and Robotics Laboratory(Prort: Ms. Sunita)	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15 neet  Quant 10 10 10 5 2 2 6 2 2 chnical
Elect Singh S.No. 1 2 3 4 5 6 7 8 9	tronic Circuit Laboratory/Logic Design Laboratory Dr. Anurag Singh Baghel Technical Support Name of Instrument DC Power Supply DC Power Supply Function /Arbitrary Fn+ Oscilloscope, 2-Channel, 60 MHz Oscilloscope, 2-Channel, 200 MHz True RMS 1000A AC Clamp Meter True RMS 50000 Count Handheld DMM with Digital Multimeter LCR Meter  icial Intelligence and Robotics Laboratory(Prort: Ms. Sunita) Name of Instrument	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15
4 Elect Singh S.No. 1 2 3 4 5 6 7 8 9 Supp S.No 1 1	True RMS 1000A AC Clamp Meter  True RMS 50000 Count Handheld DMM with Digital Multimeter  LCR Meter  True RMS 50000 Count Handheld DMM with Digital Multimeter  LCR Meter  True RMS Sunita)  Name of Instrument  SUN TFT	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15
4 Elect Singh 5.No. 1 2 3 4 5 6 7 8 9 Artifi Supp S.No 1 2	Tronic Circuit Laboratory/Logic Design Laboratory  Dr. Anurag Singh Baghel Technical Support  Name of Instrument  DC Power Supply  DC Power Supply  Function /Arbitrary Fn+  Oscilloscope, 2-Channel, 60 MHz  Oscilloscope, 2-Channel, 200 MHz  True RMS 1000A AC Clamp Meter  True RMS 50000 Count Handheld DMM with Digital Multimeter  LCR Meter  Icial Intelligence and Robotics Laboratory(Prort: Ms. Sunita)  Name of Instrument  SUN TFT  SUN KEYBOARD	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15
Elect Singh S.No. 1 2 3 4 5 6 7 8 9 Artifi Supp S.No 1 2 3	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply DC Power Supply Function /Arbitrary Fn+ Oscilloscope, 2-Channel, 60 MHz Oscilloscope, 2-Channel, 200 MHz True RMS 1000A AC Clamp Meter True RMS 50000 Count Handheld DMM with Digital Multimeter LCR Meter  icial Intelligence and Robotics Laboratory(Prort: Ms. Sunita)  Name of Instrument SUN TFT SUN KEYBOARD SUN MOUSE	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15
4 Elect Singh S.No. 1 2 3 4 5 6 7 8 9 S.No 1 2 2 3 4 4 4 4 5 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	tronic Circuit Laboratory/Logic Design Laboratory Dr. Anurag Singh Baghel Technical Support Name of Instrument DC Power Supply DC Power Supply Function /Arbitrary Fn+ Oscilloscope, 2-Channel, 60 MHz Oscilloscope, 2-Channel, 200 MHz True RMS 1000A AC Clamp Meter True RMS 50000 Count Handheld DMM with Digital Multimeter LCR Meter  Icial Intelligence and Robotics Laboratory(Prort: Ms. Sunita) Name of Instrument SUN TFT SUN KEYBOARD SUN MOUSE HP SYSTEM	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15
Elect Singh S.No. 1 2 3 4 5 6 7 8 9 S.No 1 2 2 3 3 4 5 5 6 7 8 9 5 1 2 3 3 5 1 2 3 5 1	Digital Multimeter  tronic Circuit Laboratory/Logic Design Laboratory Dr. Anurag Singh Baghel Technical Support Name of Instrument  DC Power Supply DC Power Supply Function /Arbitrary Fn+ Oscilloscope, 2-Channel, 60 MHz Oscilloscope, 2-Channel, 200 MHz True RMS 1000A AC Clamp Meter True RMS 50000 Count Handheld DMM with Digital Multimeter LCR Meter  icial Intelligence and Robotics Laboratory(Prort: Ms. Sunita)  Name of Instrument SUN TFT SUN KEYBOARD SUN MOUSE	variable  3 3/4 digital LCD Multimeter  Pratory (Professor-in charge:Mr. Navet: Mr. Ravinder Kumar)  Specifications  E3631A  E3630A  33522A  DSO-1002A  DSO-1022A  U1211A  h freq. Counter & Square ware O/P	15

8	Software running in the lab	
i	GCC COMPILER	
ii	JAVA	
iii	My-SQL	

**Computer Laboratory 3(Professor-in charge:** Ms. Nidhi Gulati **Technical Support:** Ms. Sunita )

1	Desktop PC	Windows Operation System	20
2	Sun Solaris Terminals		17

**Analog Communication Laboratory(Professor-in charge:** Ms. Priyanka Goyal **Technical Support:** Mr. Anmol Nagar)

S.No.	Name of Instrument		Quantity
		Windows Operating	
1	Desktop Computer	System	5
2	Digital Storage Oscilloscope	(100 MHz Bandwidth)	10
3	Function Generator	(30 MHz)	10
4	Function Generator	(20 MHz)	2
5	Mixed Storage Oscilloscope		1
6	Spectrum Signal Analyzer		1
7	RF Signal Generator	9 KHz-3GHz	1

**Digital Signal Processing Laboratory/VLSI Design Laboratory (Professor-in charge:** Mr. Navaid Z. Rizvi/Mr. R.B. Singh **Technical Support:** Mr. Himanshu Saini )

		* *	
	Hardware: Windows Desktop		
1	P.C		10
2	Software : Matlab		

Microprocessor and Interfacing Laboratory (Professor-in charge: Mr. Sandeep Sharma Technical Support: Mr. Anmol Nagar )

**Present Status: Establishment Under Progress** 

S.No.	Name of Instrument	Quantity
1	8085 Trainer Kit	15
2	8086 Trainer Kit	15
3	8051 Trainer Kit	15
4	8255- Interfacing Card	3
i	8253/8254-Interfacing Card	3
ii	8259-Interfacing Card	3
iii	8257/8237 Interfacing Card	3
iv	8251-Interfacing Card	3

Microwave and Antenna Laboratory (Professor-in charge: Dr. Rajesh Mishra Technical Support: Mr. Himanshu Saini ) Laboratory establishment under process

**Electronic Workshop (Professor-in charge:** Mr. Vimlesh Kumar **Technical Support:** Mr. Ravinder Kumar ) Laboratory establishment under process

Wireless Technologies/ Computer Networking Laboratory (Professor-in charge:Dr. Vidushi Sharma/Dr. Karan Singh Technical Support: Ms. Sunita)

Wireless technologies Lab is running along with Networking Lab with common specifications and software. Procurement of wireless kits is under process

S.No.	ns and software. Procurement of wireless k  Name of Instrument	•	Quantity
1	CISCO ACCESS POINT (AIR-LAP		2
	1242 AG –A-K9)		
2	AC/DC ADAPTOR2CISCO		4
3	CONVERTER		6
4	R J 45 CONNECTER		100
5	CISCO CONSOLE CABLE		8
6	CRIMPING TOOL		5
7	CISCO WLAN 2800/3800 SERIES		1
	CONTROLLER		
8	CISCO 2-PORT SERIES WAN		5
9	INTERFACE CARD  R J 45 LAN TESTER		6
	11RT-11 USB BNC LAN TESTER		5
10			5
11	QUANTUM EXTERNAL LAN CARD	1 DACKET 100M	
12	CAT 5e LAN CABLE	1 PACKET 100M	1 202
13			203
14			6
15	CISCO ROUTER 2811		1
16	CISCO ROUTER 2801		3
17	ROUTER & SWITCH RACK		5
18	11 IN ONE SCREW DRIVE SET		1
19	CISCO WC-C3560 SWITCH		2
20	CISCO WC-C2960 SWITCH		2
21	CISCO V-35 CABLE		5
22	WIRELESS LAN CARD AIR CB		2
22	21AG-A-K9		
23	WIRELESS LAN CARD AIR P 21AG-A-K9		2
24	PROJECTOR		1
25	HP C.P.U(SYSTEM)		26
26	H-P MOUSE		26
27	HP KEYBOARD		26
28	HP TFT		26
29	SUN TFT		14
30	SUN KEYBOARD		14
31	SUN MOUSE		14
32	PRINTER PRINTER		14
33			1
33	I/O		15
			13
tunning so 1	oftware in the lab QUALNET		
2	MAT LAB		
3	NS2		
3	OPERATING SYSTEMWINDOW		

	TIP WHILE OUT TO THE						
	XP,WINDOW VISTA						
5	OPERATING SYSTEM CENTOSE						
Server run	ning in the lab						
1	QUAL NET SERVER						1
2	RESERACH SERVER						1
Support: M	Technology Lab(Professor- ir. Anmol Nagar): Laboratory	y under pro	ocess, pre	paring s	pecific	ations.	
-	nmunication Laboratory(Pi r. Ravinder Kumar ): Laborat				5		
,	y under process, preparing spo	ecifications		cennica	ı Supp	ort: M	s. Suma
Parallel Pr	y under process, preparing spontage of the processing Lab(Professor-in char): Laboratory under processing Laboratory under processing the pro	harge:Dr. 1	s Kapil Sha	arma <b>Te</b>	chnica		
Parallel Pr Sanjeev Ku Advanced	ocessing Lab(Professor-in ch	harge:Dr. less, prepari	Kapil Sha ng specif	arma <b>Te</b> fications ge: Dr. (	<b>chnica</b> Gurjit F	l Supp	ort: Mr.
Parallel Pr Sanjeev Ku Advanced I Support: M Research P Ravinder K	Digital Communication Laborator Ravinder Kumar) Laboratory under processor. Ravinder Kumar) Laborator Laborator Laboratory under processor. Laboratory under processor. Laboratory under processor. Laboratory under processor.	(Professor ory under profess, preparent)	Kapil Shang specif	ge: Dr. Greparing	Gurjit F	l Supp	ort: Mr. echnical s
Parallel Pr Sanjeev Ku Advanced I Support: M Research P Ravinder K Open Sour Mr. Sanjeev	Digital Communication Laborator Ravinder Kumar) Laboratory under processor. Ravinder Kumar) Laborator Laborator Laboratory under processor. Laboratory under processor. Laboratory under processor. Laboratory under processor.	(Professor ory under profess, preparent)	Kapil Shang specif	ge: Dr. Greparing	Gurjit F	l Supp	ort: Mr. echnical s
Parallel Pr Sanjeev Ku Advanced I Support: M Research P Ravinder K Open Sour Mr. Sanjeev	Digital Communication Laboratory under processing Laboratory under processor. Ravinder Kumar) Laboratory Laboratory under processor Laboratory under process	(Professor ory under profess, preparent)	Kapil Shang specification charger rocess, process, proces	ge: Dr. (reparing	Gurjit F	l Supp	ort: Mr. echnical s
Parallel Pr Sanjeev Ku  Advanced I Support: M  Research P Ravinder K  Open Sour Mr. Sanjeev  Running so	Digital Communication Laboratory under processing Laboratory under processor. Ravinder Kumar) Laboratory Laboratory under processor Laboratory under process	rge: Dr. Press, preparent	Kapil Shang specification chargerocess, process,	ge: Dr. Greparing	Gurjit F	l Supp	ort: Mr. echnical s