



School of Information and Communication Technology
Gautam Buddha University

Computer Laboratory 1(Professor-in charge: Mohd. Ashraf Saifi Technical Support: Mr. Sanjeev Kumar)

| | | |
|----------|--|-----------|
| 1 | Soalris Based Computer System | 64 |
| 2 | Desktop with windows operating system | 02 |
| 3 | Software running on this systems(JAVA,C,C++,MySQL) | |

Computer Laboratory 2(Professor-in charge: Ms. Aarti Singh Gautam Dinker Technical Support: Mr. Sanjeev Kumar

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|----------|--|-----------|
| 1 | Soalris Based Computer System | 62 |
| 2 | Desktop with windows operating system | 01 |
| 3 | Software running on this systems(JAVA,C,C++,MySQL) | |

Basic Electronics Laboratory (Professor-in charge: Ms. M. Kodeshwari Technical Support: Mr. Ravinder Kumar)

| S.No | Name of Instrument | Specifications | Quantity |
|-------------|-------------------------------|---|-----------------|
| 1 | Dual Trace Oscilloscope (CRO) | 20 MHz Dual Trace | 15 |
| 2 | Function Generator /Counter | 10 MHZ am fm generator counter | 15 |
| 3 | Regulated DC Power Supply | 5V, +/-, fixed & 0-32 variable | 15 |
| 4 | Digital Multimeter | 3 ^{3/4} digital LCD Multimeter | 15 |

Electronic Circuit Laboratory/Logic Design Laboratory (Professor-in charge: Mr. Navneet Singh/Dr. Anurag Singh Baghel Technical Support: Mr. Ravinder Kumar)

| S.No. | Name of Instrument | Specifications | Quantity |
|--------------|--|-----------------------|-----------------|
| 1 | DC Power Supply | E3631A | 10 |
| 2 | DC Power Supply | E3630A | 10 |
| 3 | Function /Arbitrary Fn+ | 33522A | 10 |
| 4 | Oscilloscope, 2-Channel, 60 MHz | DSO-1002A | 5 |
| 5 | Oscilloscope, 2-Channel, 200 MHz | DSO-1022A | 2 |
| 6 | True RMS 1000A AC Clamp Meter | U1211A | 2 |
| 7 | True RMS 50000 Count Handheld DMM with freq. Counter & Square wave O/P | | 6 |
| 8 | Digital Multimeter | | 2 |
| 9 | LCR Meter | | 2 |

Artificial Intelligence and Robotics Laboratory(Professor-in charge: Dr. Ela Kumar Technical Support: Ms. Sunita)

| S.No | Name of Instrument | Quantity |
|-------------|---------------------------|-----------------|
| 1 | SUN TFT | 21 |
| 2 | SUN KEYBOARD | 21 |
| 3 | SUN MOUSE | 21 |
| 4 | HP SYSTEM | 1 |
| 5 | HP KEYBOARD | 1 |
| 6 | HP TFT | 1 |

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|--|------------------------------------|--------------------------|-----------------|
| 8 | Software running in the lab | | |
| i | GCC COMPILER | | |
| ii | JAVA | | |
| iii | My-SQL | | |
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| 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 |
| 1 | Desktop Computer | Windows Operating 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) | | | |
| 1 | Hardware : Windows Desktop 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 | | | |
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| Electronic Workshop (Professor-in charge: Mr. Vimlesh Kumar Technical Support: Mr. Ravinder Kumar) Laboratory establishment under process | | | |
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| 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. | Name of Instrument | | Quantity |
| 1 | CISCO ACCESS POINT (AIR-LAP 1242 AG –A-K9) | | 2 |
| 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 CONTROLLER | | 1 |
| 8 | CISCO 2-PORT SERIES WAN INTERFACE CARD | | 5 |
| 9 | R J 45 LAN TESTER | | 6 |
| 10 | 11RT-11 USB BNC LAN TESTER | | 5 |
| 11 | QUANTUM EXTERNAL LAN CARD | | 5 |
| 12 | CAT 5e LAN CABLE | 1 PACKET 100M | 1 |
| 13 | PATCH CABLE | | 203 |
| 14 | PUNCH TOOL | | 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 21AG-A-K9 | | 2 |
| 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 | | 1 |
| 33 | EXTERNAL HARD DISK | | 1 |
| 34 | I/O | | 15 |
| Running software in the lab | | | |
| 1 | QUALNET | | |
| 2 | MAT LAB | | |
| 3 | NS2 | | |
| 4 | OPERATING SYSTEM -----WINDOWS 7,WINDOWS | | |

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|---|-----------------------------------|--|---|
| | XP, WINDOW VISTA | | |
| 5 | OPERATING SYSTEM ----- CENTOSE | | |
| Server running in the lab | | | |
| 1 | QUAL NET SERVER | | 1 |
| 2 | RESERACH SERVER | | 1 |
| | | | |
| Multimedia Technology Lab(Professor-in charge: Dr. O.P. Sangwan Technical Support: Mr. Anmol Nagar): Laboratory under process, preparing specifications. | | | |
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| Optical Communication Laboratory(Professor-in charge: Dr. Gurjit Kaur Technical Support: Mr. Ravinder Kumar): Laboratory under process, preparing specifications. | | | |
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| Expert System Lab(Professor-in charge:Dr. Ela Kumar Technical Support: Ms. Sunita): Laboratory under process, preparing specifications | | | |
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| Parallel Processing Lab(Professor-in charge:Dr. Kapil Sharma Technical Support: Mr. Sanjeev Kumar): Laboratory under process, preparing specifications | | | |
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| Advanced Digital Communication Lab(Professor-in charge: Dr. Gurjit Kaur Technical Support: Mr. Ravinder Kumar) Laboratory under process, preparing specifications | | | |
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| Research Project Lab(Professor-in charge: Dr. Pradeep Tomar Technical Support:Mr. Ravinder Kumar): Laboratory under process, preparing specifications | | | |
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| Open Source Software Lab(Professor-in charge: Mr. Arun Solanki Technical Support: Mr. Sanjeev Kumar) | | | |
| Running software in the lab | | | |
| 1 | SERVER: Tomcat Apache, BOSS | | |
| 2 | LANGUAGE: Ruby on Rail,PHP | | |
| 3 | DATABASE: PostgreSQL,MySQL | | |