

| Advance Communication Lab | | |
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| Sr. No | Major Equipments in lab | Qty. |
| 1 | Fiber Optic Trainer | 02 |
| 2 | Digital storage Oscilloscope 100 MHz | 01 |
| 3 | Computer System | 01 |
| 4 | CRO 20 MHz | 02 |
| 5 | Pulse Generator | 01 |
| 6 | Frequency Counter | 01 |
| 7 | Microwave Bench | 03 |
| 8 | Telecommunication Trainer | 01 |
| 9 | Distortion & Level Meter | 01 |
| 10 | Field Strength Meter | 01 |
| 11 | PAM, PWM, PPM MOD/Demodulator | 01 |
| 12 | Delta Modulator & Demodulator | 03 |
| 13 | PCM Trainer | 03 |
| 14 | Laser Trainer | 01 |
| 15 | FM Transmitter & Receiver Trainer | 01 |
| 16 | Antenna Trainer | 01 |
| 17 | Fiber Optic Source & Detector | 01 |
| 18 | QPSK/DQPSK Mod. Kit | 01 |
| 19 | Fiber Connector & SPLICE Kit | 01 |
| 20 | Digital Comm. System | 01 |
| 21 | BPSK/DPSK/DEPSK MOD/DEMODO Kit | 01 |
| 22 | Different Types of Filters/Passive Filters | 01 |
| 23 | Instrumentation Trainer | 01 |

| Analog Electronics Lab | | |
|-------------------------------|--|------------|
| Sr. No | Major Equipments in lab | Qty |
| 1 | 100 Mhz Digital storage Oscilloscope | 01 |
| 2 | CRO 15 MHz | 01 |
| 3 | CRO 20 MHz | 01 |
| 4 | CRO 30 MHz | 01 |
| 5 | Function Generator 20 MHZ | 01 |
| 6 | Arbitrary Function Generator | 01 |
| 7 | Digital Frequency Counter | 01 |
| 8 | Exp. Board of Supply of Application of IC 555 | 01 |
| 9 | Study of Bistable Multivibrator Board | 01 |
| 10 | Complimentary Power Amp. Board | 03 |
| 11 | ESB Push Pull Amp. Board | 01 |
| 12 | Semi Conductor Diode Board | 01 |
| 13 | Transister Characteristics Board | 01 |
| 14 | Study of Wein Bridge Oscillator Board | 01 |
| 15 | Study of Series & Shunt Regulation Circuit | 03 |
| 16 | Study of R-C coupled Amp. Board | 01 |
| 17 | RC Differentiating Circuit | 02 |
| 18 | RC Integrating Circuit Board | 02 |
| 19 | Study of Regulated Power Supply using 7805, 7905 | 02 |
| 20 | Series & Shunt Clipping circuit Kit | 01 |
| 21 | Emitter Follower Kit | 02 |
| 22 | Volt Meter (0- 300 mV) | 01 |
| 23 | Analog Trainer | 01 |
| 24 | Analog Multimeter | 01 |
| 25 | Power Supply 30Volt 2 Amp. | 01 |

| Communication Lab | | |
|--------------------------|--|-------------|
| Sr. No | Major equipments in lab | Qty. |
| 1 | Mobile Comm Trainer System | 01 |
| 2 | DTMF Telephone Trainer | 01 |
| 3 | EPABX Trainer | 01 |
| 4 | Mobile Phone Trainer | 02 |
| 5 | Function Generator | 01 |
| 6 | AM Radio Receiver Demodulation | 01 |
| 7 | PAM, PWM, PPM MOD/DEModulator | 01 |
| 8 | Study of Amplitude Modulation & Demodulation | 01 |
| 9 | FM Modulator & Demodulator Trainer | 01 |
| 10 | Superheterodyne Transmeter & Receiver | 01 |
| 11 | 100 Mhz Digital storage Oscilloscope | 01 |
| 12 | AM/FM radio kit | 01 |
| 13 | TDM pulse Amp Mod demodulation trainer | 01 |
| 14 | Transmission line trainer | 01 |
| 15 | Digital multimeter 3,1/2 digit | 02 |
| 16 | Transmission line trainer | 02 |
| 17 | Fiber Optic trainer | 01 |
| 18 | Fiber optic Communication System Demo kit | 01 |

| Computer Lab | | |
|---------------------|--|------------|
| Sr. No | Major equipments in lab | Qty |
| 1 | Computer System i5 | 28 |
| 2 | Laser Printer | 02 |
| 3 | Digital Teaching Device with Projector | 01 |
| 4 | UPS 6KVA Online | 01 |

| Consumer Lab | | |
|---------------------|--|------------|
| Sr. No | Name of item | Qty |
| 1 | RF Signal generator | 01 |
| 2 | CRO 15 MHz | 02 |
| 3 | TV pattern Generator | 01 |
| 4 | Sweepable Function Generator | 02 |
| 5 | Stereo Amplifier Plate with Bass treble | 01 |
| 6 | Antenna Yagi Type 5 Rode | 03 |
| 7 | UHF to VHF Converter | 03 |
| 8 | UHF to VHF Converter | 02 |
| 9 | Stereo Amp. Consisting of Deck Amp.(Speaker in column) | 01 |
| 10 | SMPS Module (Colour Unit) | 02 |
| 11 | Video IF Module Board (Colour) | 02 |
| 12 | Video O/P Module Board(Colour) | 02 |
| 13 | Audio Section Module (Colour) | 02 |
| 14 | Horizontal Sweep module Board | 02 |
| 15 | Vertical Sweep Module Board | 02 |
| 16 | EHT and Line O/p Board | 01 |
| 17 | Color Section Module Board | 02 |
| 18 | Analog Multimeter | 05 |
| 19 | Digital Multimeter | 04 |
| 20 | Video pattern generator | 02 |
| 21 | VCR trainer | 01 |
| 22 | Function generator | 01 |
| 23 | Black & white pattern generator | 02 |
| 24 | Field strength meter | 01 |
| 25 | AF output meter | 01 |
| 26 | Stereo Cassette mechanism | 03 |
| 27 | Speaker crossover network plate | 06 |
| 28 | Hi-Fi Amp plate 10 w | 04 |
| 29 | Hi-Fi Amp plate 20 w | 04 |
| 30 | Power Amp Plate 30 w | 02 |

| Digital & Microprocessor/Medical Lab | | |
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| Sr. No | Major equipment in lab | Qty |
| 1 | 68K Microprocessor with RS 232 interface including a 8-digit display | 01 |
| 2 | Digital trainer board HIL 2921 | 01 |
| 3 | CRO 20 MHz | 02 |
| 4 | Digital Storage Oscilloscope 100 MHz | 01 |
| 5 | Microprocessor Kit 8085 | 04 |
| 6 | Microprocessor 8086/8088 kit Trainer model 25 key keyboard | 03 |
| 7 | Microprocessor based controller model | 01 |
| 8 | 8086 microprocessor kit cum EPROM Programmer | 02 |
| 9 | 8086 Trainer kit with space FBD key keyboard | 01 |
| 10 | Digital training Board | 01 |
| 11 | Automatic Digital IC tester | 01 |
| 12 | Digital IC Trainer | 01 |
| 13 | Digital Multimeter 3 ½ Digit | 02 |
| 14 | Multiple output power supply | 01 |
| 15 | Bread board | 05 |
| 16 | Analog Multimeter | 02 |
| 17 | Transistor tester | 02 |
| 18 | 8051 Microcontroller | 01 |
| 19 | 8085 Emulator Training Board | 01 |
| 20 | 8255 PPI | 01 |
| 21 | 8257 DMA Controller | 01 |
| 22 | 8259 Prorammed Keyboard Display interface | 01 |
| 23 | 8279 prog keyboard display | 01 |
| 24 | 8253 prog. Counter/ interval timer | 01 |
| 25 | A/D-D/A using ADC 0809 & DAC 0808 | 01 |
| 26 | 4 Bit ALU Demo card | 02 |
| 27 | EPROM Programmer | 01 |
| 28 | A/D & D/A using IC 0800 & 0804 | 01 |
| 29 | EPROM Eraser | 01 |
| 30 | PLC Trainer | 01 |