

**G. H. Raisoni College of Engineering and Management,
Wagholi, Pune – 412 207**

Date: 4/1/2019

Details of Laboratory

Department: Electronics & Telecommunication Engineering

SN	Lab Venue	Name of Lab	Major Equipment	Total Lab Cost (In Rs.)
1	301-A	Digital Signal & Image Processing Lab	DMM 6 1/2 digit, DSO 50Mhz with logic analyzer, LCR Meter, DSP starter kit, TMS 320C6713: Texas, Spectrum Analyzer.	12,65,203
2	301-B	Electronic Devices & Circuits Lab	Dual channel 4 traces CRO -30 MHz, Function generator (3MHz), Dot matrix printer, Power Kits.	26,13,497
3	302-A	Microcontroller Lab	Digital Storage Oscilloscope with Logic Analyzer, Logic Analyzer.	13,62,002
4	302-B	Digital Electronics Lab	Digital IC Tester, Analog Trainer Kit, Digital Trainer Kit[SAS], Bread Board Trainer, Pulse Generator,	6,51,608
5	303-A	Microwave & Communication Lab	Arbitrary function Generator, DSO 100 MHz, CRO 100MHZ, MSO 25MHz, Spectrum Analyzer 1GHz, Spectrum Analyzer 9KHz to 3GHz, Generation & Reception of QPSK, Detection OF Digital Base Signal, Generation Detection of DSSS, Antenna Trainer, PSTN TISIT Switch, GPS 04: Global Positioning, Two Channel CDMA,GSM Trainer, Digital TV Trainer, CTV Trainer, Wi-Fi TV Trainer, High Definition TV, Digital Storage Oscilloscope, Antenna Trainer, Antenna System Analyzer, Microwave Test Bench.	52,48,193
6	306-A	Simulation Lab	Desktop PCS, Dot Matrix Printer,	5,44,464
7	306-B	VLSI Design Lab	Micro wind 3.0 with DSCH3 Backend tool for CMOS VLSI design, Xilinx Vivado 14.4, Mentor Graphics(HEP-2)	14,04,385
8	307-A	VLSI & Embedded System Lab	Software simulation : IE 3D, Spartan-III FPGA VLSI Trainer, Arm 9 Trainer Kit	12,69,193
9	202- B	Internet of Things Lab	Spectrum Analyzer, DSO with Logic Analyzer, Zed Board ZED Board 7020 Make-Xilinx FPGA – ZYNQ, RasBerry Pi B+ Board communication trainer, RasBerry Pi B+ Development Board ARM9, RasBerry Pi B+ Development Board ARM9	3,74,141
10	201- B	Biomedical Engineering & Project Lab	Vibration Meter, DPT Flow Trainer, DPT Level Trainer, Smart Temperature Transmitter Trainer. Biomedical Trainer Kit	8,79,460