

Details of Laboratories and technical supporting staff are presented in the following tables

Academic year 2017-18

Sr. No	Name of the Laboratory	Number of students per set up (Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Electronic Devices & Logic Design Lab BE 2/4 I - Sem	24	<ul style="list-style-type: none"> <li>Dual trace Cathode Ray Oscilloscopes</li> <li>Digital Storage Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> <li>Signal Generators</li> </ul>	18 Periods of 60 mins each	1)A.Padmavathi 2) G.Reddiyya 3)R.Kumaraiah	1) Lab Asst. 2) Lab. Tech 3)Lab Asst.	1) DECE 2)B.Tech 3)M.Tech
2	Basic Electronics Lab (CSE) / (Mech.) BE 2/4 I & II -Sem	24	<ul style="list-style-type: none"> <li>Dual cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies</li> </ul>	18 Periods of 60 mins each	1)DBhavani 2)A.Gouri Devi 3)T.Ravi Shanker	1) Lab Tech. 2)Lab Tech.. 3)Lab asst	1) B.Tech 2)DECE 3)DECE
3	Electronic Workshop Lab & PCB LAB BE 1/4 II - Sem	30	<ul style="list-style-type: none"> <li>Dual Trace Cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies.</li> <li>PCB work station equipment,</li> <li>Coil winding Machine,</li> <li>EWS demo kits</li> <li>Mixed signal oscilloscope (60 MHZ),</li> <li>PCB Software circuit maker.</li> </ul>	12 Periods of 60 mins each	1)T.Ravishanker 2)K.Sridhar Raju	1) Lab Asst. 2) Lab Tech	1) DECE 2)I.T.I
4	Analog Electronic Circuits Lab BE 2/4 II - Sem	24	<ul style="list-style-type: none"> <li>Dual trace Cathode Ray Oscilloscopes,</li> <li>Digital Storage Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> <li>Signal Generators.</li> </ul>	18 Periods of 60 mins each	1)A. Padmavathi 2)G.Reddiyya 3) D.Bhavani	1) Lab Asst. 2) Lab. Tech 3)Lab Tech.	1) DECE 2)B.Tech 3)B.Tech

5	Electronics Engineering - Lab B.E 2/4(EEE) I & II -Sem	24	<ul style="list-style-type: none"> <li>• Dual Trace Cathode ray Oscilloscopes</li> <li>• Function Generators</li> <li>• Dual Regulated Power Supplies</li> <li>• Digital Storage Oscilloscopes,</li> </ul>	18 Periods of 60 mins each	1)T.Ravi Shanker 2) G.Reddiyya 3) G.Laxmi	1) Lab Asst. 2) Lab. Tech 3)Lab Tech.	1) DECE 2)B.Tech 3)M.Tech
6	Pulse, Digital & Integrated Circuits Lab BE 3/4 I - Sem  Pulse, Digital Circuits Lab BE 2/4 II- Sem	24	<ul style="list-style-type: none"> <li>• Digital Trainer Kits</li> <li>• Digital IC Testers</li> <li>• Linear IC Testers</li> <li>• Dual trace Cathode Ray Oscilloscopes</li> <li>• Digital Storage Oscilloscopes,</li> <li>• Function generators,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Signal Generators</li> </ul>	27 Periods of 50 mins each  18 Periods of 60 mins each	1) G.Lakshmi 2) A.Gouri Devi 3) J.Anantha Krishna 4) R.Kumaraiah	1) Lab Tech 2) Lab. Tech 3) Lab Tech. 4)Lab Asst.	1) M.Tech 2)DECE 3) DECE 4)M.Tech
7	Communication Lab BE 3/4 II - Sem	24	<ul style="list-style-type: none"> <li>• Digital Storage Oscilloscopes</li> <li>• Spectrum Analyzer -9 KHz to 1.5KHz</li> <li>• Logic Analyzer</li> <li>• RF Signal Generators (9KHz-3GHz)</li> <li>• Vector Network Analyzer (300KHz to 1.5GHz),</li> <li>• Dream Catcher (ME 1000),</li> <li>• Genesis software W1320bp.</li> <li>• Personal Computers</li> <li>• CDMA trainer kit,</li> <li>• Optical Fiber communication setup.</li> </ul>	27 Periods	1) A.Gouri Devi 2) J.Anantha Krishna	1)Lab Tech. 2)Lab Asst.	1)DECE 2) DECE

8	ES&VLSI Lab BE 4/4 I – Sem	24	<ul style="list-style-type: none"> <li>• Computers,</li> <li>• Universal Programmer,</li> <li>• Logic state analyzer 32 channel,</li> <li>• ARM controller boards,</li> <li>• Vx works Zinq Board 7000 series,</li> <li>• 8086 kits,</li> <li>• AT89C51, Microcontroller kits,</li> <li>• Interfacing modules.</li> <li>• EPROM eraser,</li> <li>• Stepper Motor Interface.</li> </ul>	27 Periods	1) D.Bhavani 2) J.Anantha Krishna	1)Lab Tech. 2)Lab Asst.	1)B.Tech 2)DECE
9	Micro Processors & Micro Controllers Lab BE 3/4 II- Sem	24	<ul style="list-style-type: none"> <li>• Computers</li> <li>• Universal Programmer</li> <li>• Logic state analyzer 32 channel</li> <li>• ARM controller boards</li> <li>• Vx works Zinq Board 7000 series</li> <li>• 8086 kits</li> <li>• AT89C51 Microcontroller</li> <li>• Interfacing modules.</li> <li>• EPROM eraser</li> <li>• Stepper Motor Interface</li> <li>• KEIL PK51 Software</li> </ul>	27 Periods	1) D.Bhavani 2) J.Anantha Krishna 3) R.Kumariah	1)Lab Tech. 2)Lab Asst. 3)Lab Asst	1)B.Tech 2)DECE 3)M.Tech
10	Systems and Signal Processing Lab BE 3/4 II- Sem	24	<ul style="list-style-type: none"> <li>• Computers,</li> <li>• DSP Starter Kits TMS-320 C6713 Development Board with 512K Flash and 8MB SDRAM and Software's with power supply,</li> <li>• 10KVA UPS,</li> <li>• D-Link 24 port 10/100 switches,</li> <li>• 4 unit Rack, D-Link Category 6 Cable Box.</li> </ul>	27 Periods	1)G.Reddiyya 2)K.Sridhar Raju	1) Lab Tech 2) Lab Tech	1)B.Tech 2)I.T.I

- **MATLAB 2017b**

- Toolboxes**

- MATLAB - 50 Users  
(Available in the central server of the institution)

- Simulink -25 users

- Antenna tool box

- (2 users)

- Audio System

- (2 users)

- Communication

- System(2 users)

- Computer Vision

- System(5 users)

- Control Systems

- (5 users)

- DSP Systems

- (5 users)

- Fixed Point Designs

- (2 users)

- Fuzzy Logic

- (5 users)

- HDL Coder(2 users)

- Image Processing

- (5 users)

- MATLAB Coder

- ( 2 Users)

- Neural Network

- Coder ( 5 Users)

- Optimization

- ( 5 Users)

- Parallel Computing

- ( 2 Users)

- R.F Blockset

- ( 2 Users)

- R.F Toolbox

- ( 2 Users)

- Signal Processing

- ( 5 Users)

- Statistics Machine

- Learning ( 5 Users)

- Symbolic Math

- ( 5 Users)

- Wavelet Toolbox

- ( 5 Users)

- **MATLAB 7.3-28 users**

- Tool Box**

- Simulink -5 users

- Signal Processing

- (5 users)

- Filter Design-1

- Links Of CCs- 1

- MATLAB -12

			<p>Neural Networks-1  Fuzzy Logic -1  Control Systems- 5  Communication Systems- 2  Image Processing -1</p>				
11	<p>Microwave Engineering Lab  BE 4/4 I - Sem</p>	24	<ul style="list-style-type: none"> <li>• Reflex klystron oscillators,</li> <li>• Gunn diode oscillator,</li> <li>• Wave guide setups,</li> <li>• VSWR meters,</li> <li>• Microwave Bench Setup,</li> <li>• Antenna Trainer system,</li> <li>• Power meter with sensor.</li> </ul>	27 Periods	<p>1) R.Kumariah  2) T.Ravi shanker</p>	<p>1)Lab Asst.  2)Lab Asst</p>	<p>1)M.Tech  2) DECE</p>
12	<p>Verilog HDL Lab  BE 3/4 I - Sem</p>	24	<ul style="list-style-type: none"> <li>• Trainer kits FPGA/CPLD,</li> <li>• CSIC Processor Philips boards,</li> <li>• RISC Processor PIC boards,</li> <li>• ASIC Kits, ASK boards,</li> <li>• I/O Expansion board,</li> <li>• Sensors,</li> <li>• BOE-BOT Full kit, TODDLER Kit,</li> <li>• Universal Programmer,</li> <li>• Xilinx FPGA Kits - 400K Gate Density,</li> <li>• ACER PC system,</li> <li>• 10KVA UPS, D-Link 24 port 10/100 switches, 4 unit rack, D-Link Category 6</li> <li>• Altium designer software 2013+Nano board</li> <li>• VHDL Software,</li> <li>• ACTIVE HDL &amp; VERILOG,</li> <li>• Compiler for CSIC (SPJ) Hardware Locks,</li> <li>• Xilinx Vivado,</li> <li>• Computers,</li> <li>• 10 KVA UPS.</li> </ul>	27 Periods	<p>1) Sridhar Raju  2) G.Reddiyya</p>	<p>1)Lab Tech.  2)Lab Tech</p>	<p>1) I.T.I  2) B.Tech</p>

13	Design and Simulation Lab ME I & II - Sem	18	<ul style="list-style-type: none"> <li>Computers,</li> <li>10 KVA UPS.</li> <li>Mentor graphics (40 Users)</li> </ul>	3 Periods	K.Sridhar Raju	Lab Tech.	I.T.I
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### Academic year 2016-17

Sr. No	Name of the Laboratory	Number of students per set up (Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Electronic Devices Lab BE 2/4 I - Sem	24	<ul style="list-style-type: none"> <li>Dual trace Cathode Ray Oscilloscopes,</li> <li>Digital Storage Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> <li>Signal Generators.</li> </ul>	Each section has three batches 3x3 periods 9x3 sections =27 periods	1)A.Padmavathi 2)J.Anatha Krishna	1) Lab Asst. 2) Lab.Asst.	1) DECE. 2) DECE
2	Basic Electronics Lab (CSE) / Mech. BE 2/4 I/II - Sem	24	<ul style="list-style-type: none"> <li>Dual cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> </ul>	27 Periods	1) D.Bhavani 2)A.Gouri Devi	1) Lab Tech. 2)Lab Tech..	1) B.Tech 2)DECE
3	Electronic Workshop & Basic Circuits Lab & PCB LAB BE 2/4 I –Sem & BE II -Sem	24/30	<ul style="list-style-type: none"> <li>Dual Trace Cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies.</li> <li>PCB work station equipment,</li> <li>Coil winding Machine,</li> <li>EWS demo kits,</li> <li>Mixed signal oscilloscope (60 HZ),</li> <li>PCB Software circuit maker.</li> </ul>	27 Periods each of 50 mins/12 Periods each of 60 mins	1)G.Reddiyya 2)T.Ravi shankar	1) Lab Tech. 2).Lab Asst.	1) B.Tech 2)DECE
4	Electronic Workshop Lab BE II -Sem	30	<ul style="list-style-type: none"> <li>Dual Trace Cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies.</li> </ul>	12 Periods each of 60 mins	1)G.Reddiyya 2)T.Ravi Shankar 3)R.Kumariah 4)K.Sridhar raju	1) Lab Tech. 2).Lab Asst. 3)Lab Asst 4)Lab Tech	1) B.Tech 2)DECE 3)M.Tech 4)I T I

5	Analog Electronic Circuits Lab BE 2/4 II - Sem	24	<ul style="list-style-type: none"> <li>• Dual trace Cathode Ray Oscilloscopes,</li> <li>• Digital Storage Oscilloscopes,</li> <li>• Function generator,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Signal Generators,</li> <li>• Power meter.</li> </ul>	27 Periods	1)A.Padmavathi 2)G.Lakshmi	1) Lab Asst. 2) Lab Tech	1) DECE 2) M.Tech
6	Basic Electronics Lab (CSE)/Mech BE -2/4 I&II -Sem	24	<ul style="list-style-type: none"> <li>• Dual cathode Ray Oscilloscopes,</li> <li>• Function generators,</li> <li>• Dual Regulated Power Supplies.</li> </ul>	18 Periods each of 50 mins	1) D.Bhavani 2)R.Kumaraiah 3) J.Anantha Krishna 4)A.gouri Devi 5) G.Reddiyya	1) ) Lab Tech .2) Lab Tech 3)Lab asst. 4)Lab Tech 5)Lab Tech	1) B.Tech 2)M.Tech 3)DECE 4)DECE 5)B.Tech
7	Electronics Engineering - I/II Lab BE 2/4 (EEE) I & II-Sem	24	<ul style="list-style-type: none"> <li>• Dual Trace Cathode ray Oscilloscopes,</li> <li>• Function Generators,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Digital Storage Oscilloscopes.</li> </ul>	18 Periods each of 50 mins	1)R.Kumariah 2) J.Anantha Krishna 3)G.Lakshmi 4)K.Sridhar raj	1) Lab Asst. 2) Lab Asst. 3) Lab Tech. 4) Lab Tech	1) M.Tech 2) DECE 3) M.Tech 4)ITI
8	Pulse Digital Integrated Circuits Lab B.E 3/4 I-Sem	24	<ul style="list-style-type: none"> <li>• Digital Trainer Kits</li> <li>• Digital IC Tester</li> <li>• Linear IC Tester</li> <li>• Dual trace Cathode Ray Oscilloscopes,</li> <li>• Digital Storage Oscilloscopes,</li> <li>• Function generators,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Signal Generators.</li> </ul>	27 Periods	1)A.Gouri Devi 2)G.Lakshmi	1) Lab Tech. 2) Lab Tech	1) DECE 2) M.Tech

9	Communication Engineering Lab BE 3/4 II - Sem	24	<ul style="list-style-type: none"> <li>• Digital Storage Oscilloscopes,</li> <li>• Spectrum Analyzer -9 KHz to 1.5kHz,</li> <li>• Logic Analyzer</li> <li>• RF Signal Generator (9KHz-3GHz),</li> <li>• Vector Network Analyzer (300KHz to 1.5GHz),</li> <li>• Dream Catcher (ME 1000),</li> <li>• Genesis software W1320bp,</li> <li>• Personal Computers,</li> <li>• CDMA trainer kit,</li> <li>• Optical Fiber communication setup.</li> </ul>	27 Periods	1) A.Gouri Devi 2) G.Lakshmi	1) Lab Tech 2) Lab Tech.	1) DECE 2) M.Tech
10	Micro Processors & Micro Controllers Lab BE 3/4 II - Sem	24	<ul style="list-style-type: none"> <li>• Computers,</li> <li>• Universal Programmer,</li> <li>• Logic state analyzer 32 channel,</li> <li>• Vx works Zinq Board 7000 series,</li> <li>• 8086 kits,</li> <li>• AT89C51 Microcontroller</li> <li>• Interfacing modules,</li> <li>• EPROM eraser,</li> <li>• Stepper Motor Interface,</li> <li>• KEIL PK51 Software.</li> </ul>	27 Periods	1) D.Bhavani 2)J.Anantha Krishna	1) Lab Tech 2) Lab Asst.	1) B.Tech, 2) DECE
11	Verilog HDL Lab BE 3/4 I - Sem	24	<ul style="list-style-type: none"> <li>• Trainer kit FPGA/CPLD,</li> <li>• CSIC Processor Philips boards,</li> <li>• RISC Processor PIC boards,</li> <li>• ASIC KITS,ASK boards,</li> <li>• I/O Expansion board</li> <li>• Sensors,</li> <li>• BOE-BOT Full kit, TODDLER KIT</li> <li>• Universal Programmer,</li> <li>• Xilinx FPGA Kits - 400K Gate Density,</li> <li>• ACER PC system,</li> <li>• 10KVA UPS, D-Link 24 port 10/100</li> </ul>	27 Periods	1)G.Reddiyya 2)J.Ananth Krishna 3)A.Padmavathi	1) Lab Tech. 2) Lab Asst. 3) Lab Asst	1) B Tech 2)DECE 3) DECE



			<ul style="list-style-type: none"> <li>switches, 4 unit rack, D-Link Category 6,</li> <li>• Altium designer software 2013+Nano board,</li> <li>• VHDL Software,</li> <li>• ACTIVE HDL &amp; VERILOG,</li> <li>• Compiler for CSIC (SPJ) Hardware Locks,</li> <li>• Xilinx Vivado Tool,</li> <li>• Computers,</li> <li>• UPS.</li> </ul>				
12	Microwave Engineering Lab BE 4/4 I - Sem	24	<ul style="list-style-type: none"> <li>• Reflex klystron oscillators,</li> <li>• Gunn diode oscillator,</li> <li>• Wave guide setups,</li> <li>• VSWR meters,</li> <li>• Microwave Bench Setup,</li> <li>• Antenna Trainer system,</li> <li>• Power meter with sensor.</li> </ul>	27 Periods	1).V.Sridhar 2)R.Kumaraiah	1) Lab Tech. 2)Lab Asst.	1)ITI 2)M.Tech
13	EDA Lab BE 4/4 I - Sem	24	<ul style="list-style-type: none"> <li>• Trainer kit FPGA/CPLD,</li> <li>• CSIC Processor Philips boards,</li> <li>• RISC Processor PIC boards,</li> <li>• ASIC KITS,ASK boards,</li> <li>• I/O Expansion board</li> <li>• Sensors,</li> <li>• BOE-BOT Full kit, TODDLER Kit,</li> <li>• Universal Programmer,</li> <li>• Xilinx FPGA Kits - 400K Gate Density,</li> <li>• ACER PC system,</li> <li>• 10KVA UPS, D-Link 24 port 10/100 switches, 4 unit rack, D-Link Category 6,</li> <li>• Altium designer software 2013+Nano board,</li> <li>• VHDL Software,</li> <li>• ACTIVE HDL &amp; VERILOG,</li> </ul>	27 Periods	1) K.Sridhar Raju 2)D.Bhavani 3)G.Lakshmi	1) Lab Tech. 2)Lab Tech 3)Lab.Tech	1) ITI 2)B.Tech 3) M.Tech

			<ul style="list-style-type: none"> <li>• Compiler for CSIC (SPJ) H/W Locks,</li> <li>• Xilinx Vivado Tool,</li> <li>• Computers,</li> <li>• 10KVA UPS.</li> </ul>				
14	Design and Simulation Lab M.E I& II-Sem	18	<ul style="list-style-type: none"> <li>• Computers,</li> <li>• 10 KVA UPS.</li> </ul>	3 Periods	1)K.Sridhar Raju	1)Lab Tech	1)ITI
15	Systems and Signal Processing Lab BE 3/4 II - Sem	24	<ul style="list-style-type: none"> <li>• Computers</li> <li>• DSP Starter Kits TMS-320 C6713 Development Board with 512K Flash and 8MB SDRAM and Software's with power supply</li> <li>• 10KVA UPS</li> <li>• D-Link 24 port 10/100 switches,</li> <li>• 4 unit Rack, D-Link Category 6 Cable Box.</li> <li>• MATLAB 7.3-28 users - <b>Tool Box</b> Simulink -5 users Signal Processing (5 users) Filter Design-1 Links Of CCs- 1 MATLAB -12 Neural Networks-1 Fuzzy Logic -1 Control Systems- 5 Communication Systems- 2 Image Processing-1</li> </ul>	27 Periods	1)G.Reddiyya 2)J.Ananth Krishna 3) R.Kumaraiah 4) T.Ravi Shanker	1) Lab Tech. 2) Lab Asst. 3) Lab Asst 4) Lab Asst	1) B Tech 2)DECE 3)M.Tech 4) DECE

**Academic year 2015-16**

Sr. No	Name of the Laboratory	Number of students per set up (Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Electronic Devices Lab BE 2/4 I -Sem	24	<ul style="list-style-type: none"> <li>Dual trace Cathode Ray Oscilloscopes,</li> <li>Digital Storage Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> <li>Signal Generators.</li> </ul>	27 Periods	1)A.Padmavathi 2)G.Reddiyya	1) Lab Asst. 2) LabTech.	5) DECE. 6) B.Tech
2	Basic Electronics Lab (CSE) / (Mech) BE 2/4 I & II - Sem	24	<ul style="list-style-type: none"> <li>Dual cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies.</li> </ul>	27 Periods	1)V.Sridhar 2)D.Bhavani 3) G.lakshmi 4)J.Anantha Krishna 5)A.Gouri Devi 6) K.Sridhar Raju	1) Lab Tech. 2)Lab Tech. 3)Lab Tech 4)Lab Asst. 5)Lab Tech	1) I.T.I. 2)B.Tech 3) B.Tech 4)DECE 5)DECE 6)I.T.I
3	Electronic Workshop & Basic Circuits Lab & PCB Lab BE 2/4 I -Sem	24	<ul style="list-style-type: none"> <li>Dual Trace Cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies.</li> <li>PCB work station equipment,</li> <li>Coil winding Machine,</li> <li>EWS demo kits,</li> <li>Mixed signal oscilloscope (60 MHZ),</li> <li>PCB Software circuit maker.</li> </ul>	27 Periods	1)G.Reddiyya 2)K.Sridhar Raju 3)D.Bhavani 4)J.Anantha Krishna 5)G.lakshmi	1) Lab Tech. 2).Lab Tech. 3) Lab Tech 4) Lab Asst 5) Lab tech	1) B.Tech 2)ITI 3)B.Tech 4) DECE 5) B.Tech
4	Analog Electronic Circuits Lab BE 2/4 II -Sem	24	<ul style="list-style-type: none"> <li>Dual trace Cathode Ray Oscilloscopes,</li> <li>Digital Storage Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> <li>Signal Generators.</li> </ul>	27 Periods	1)V.Sridhar 2)T.Ravi Shankar 3)A.Padmavathi 4)J.Anantha Krishna 5) G.Lakshmi 6)G.Reddiyya	Lab Tech. Lab Asst. Lab Asst. Lab Asst.  Lab Tech. Lab Tech	ITI DECE DECE DECE  B.Tech B.Tech

5	Electronics Engineering - I/II Lab BE 2/4(EEE) I &II -Sem	24	<ul style="list-style-type: none"> <li>• Dual Trace Cathode ray Oscilloscopes,</li> <li>• Function Generators,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Oscillators.</li> </ul>	18 Periods	1) R.Kumariah 2)J.Anantha Krishna 3)T.Ravi Shankar 4)G.Reddiyya	1) Lab Asst. 2) Lab Asst.  3)Lab asst. 4)Lab Asst. 5) Lab Asst 6)Lab Tech.	1) M.TECH, 2) DECE  3)DECE 4)B.Tech.
6	Integrated Circuits and Applications Lab BE 3/4 I -Sem	24	<ul style="list-style-type: none"> <li>• Digital Trainer Kit,</li> <li>• Digital IC Tester,</li> <li>• Linear IC Tester,</li> <li>• Dual trace Cathode Ray Oscilloscopes,</li> <li>• Digital Storage Oscilloscopes,</li> <li>• Function generator,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Signal Generators.</li> </ul>	27 Periods	1)A.Gouri Devi 2)G.Lakshmi	1) Lab Tech. 2) Lab Tech	1) DECE 2) B.Tech
7	Analog Communication BE 3/4 I -Sem /Digital Communication Lab BE 3/4 II -Sem	24	<ul style="list-style-type: none"> <li>• Digital Storage oscilloscopes,</li> <li>• PCM Generation &amp; Detection Kits,</li> <li>• AM,FM, PAM, PWM Kits, PPM Modulation and Demodulation Kits,</li> <li>• DPCM,ASK, FSK, BPSK, DPSK, QPSK, TDM ,FDM, Modulation &amp; Demodulation Kits,</li> <li>• Fiber optics trainer kit.</li> <li>• PAM and Sampling,</li> <li>• Good Will Instek GOS-630 FC, 30 MHz 2 channel colour LCD.</li> </ul>	27 Periods	1) S.Bhramara 2) G.Lakshmi 3) D.Bhavani 4)R.Kumaraiah 5)V.Sridhar 6) A.Padmavathi 7) A.Gouri devi	1) Lab Asst. 2) Lab Tech. 3) Lab Tech. 4)Lab Tech 5)Lab Asst 6)Lab Asst 7)Lab Tech	1) DECE 3) B.Tech 3)B.Tech 4)M.Tech 5)I.T.I 6)DECE 7)DECE

8	Micro Processors & Micro Controllers Lab BE 3/4 II -Sem	24	<ul style="list-style-type: none"> <li>Computers,</li> <li>8086 kits,</li> <li>AT89C51 Microcontrollers,</li> <li>4-Digital, 7 Segment LED Display Interface,</li> <li>Logic Controller Interface,</li> <li>Stepper Motor Interface with Stepper Motor &amp; Power Adapter,</li> <li>10KVA UPS,</li> <li>D-Link 24 port 10/100 switches, 4 unit Rack.,</li> </ul>	27 Periods	1) D.Bhavani 2)J.Anantha Krishna 3) G.Reddiyya 4) K.Sridhar Raju	1) Lab Tech 2) Lab Asst.  3) Lab Tech 4)Lab Tech	1) B.Tech, 2) DECE  7) B.Tech 8) ITI
9	Digital Signal Processing Lab BE 3/4 II -Sem	24	<ul style="list-style-type: none"> <li>Computers,</li> <li>DSP Starter Kits TMS-320 C6713 Development Boards with 512K Flash and 8MB SDRAM and Software's with power supply,</li> <li>10KVA UPS,</li> <li>D-Link 24 port 10/100 switches,</li> <li>4 unit Rack,</li> <li>D-Link Category 6 Cable Box.</li> <li>MATLAB 7.3 - <b>Tool Box</b> Simulink -5 users Signal Processing (5 users) Filter Design-1 Links Of CCs- 1 MATLAB -12 Neural Networks-1 Fuzzy Logic -1 Control Systems-5 Communication Systems-2 Image Processing-1</li> </ul>	27 Periods	1)G.Reddiyya 2)T.Ravishankar 3)K.Sridhar Raju.	1) Lab Tech. 2) Lab Asst. 3) Lab Tech	1) B Tech 2)DECE 3) ITI
10	Microwave Engineering Lab BE 4/4 I -Sem	24	<ul style="list-style-type: none"> <li>Microwave Bench Setups,</li> <li>Microwave Devices</li> <li>CRO,</li> <li>Function generators.</li> </ul>	27 Periods	1).V.Sridhar 2)J.Anantha Krishna	1) Lab Tech. 2)Lab Asst.	1)ITI 2)DECE

11	Electronic Design and Automation Lab BE 4/4 I -Sem	24	<ul style="list-style-type: none"> <li>• Trainer kit FPGA/CPLD,</li> <li>• CSIC Processor Philips boards,</li> <li>• RISC Processor PIC boards,</li> <li>• ASIC KITS,ASK boards,</li> <li>• I/O Expansion board</li> <li>• Sensors,</li> <li>• BOE-BOT Full kit, TODDLER Kit,</li> <li>• Universal Programmer,</li> <li>• Xilinx FPGA Kits - 400K Gate Density,</li> <li>• ACER PC system,</li> <li>• 10KVA UPS, D-Link 24 port 10/100 switches, 4 unit rack, D-Link Category 6,</li> <li>• Altium designer software 2013+Nano board,</li> <li>• VHDL Software,</li> <li>• ACTIVE HDL &amp; VERILOG,</li> <li>• Compiler for CSIC (SPJ) H/W Locks,</li> <li>• Xilinx Vivado.</li> </ul>	27 Periods	1) K.Sridhar Raju 2)G.Reddiyya	1) Lab Tech. 2)Lab Tech	1) ITI 2)B.Tech
12	Design and Simulation Lab ME I& II -Sem	18	<ul style="list-style-type: none"> <li>• Computers,</li> <li>• 10 KVA UPS</li> </ul>	3 Periods	1)K.Sridhar Raju	1)Lab Tech	1)ITI

**Academic year 2014-15**

S.	Name of the	Number	Name of the Important	Weekl	Technical Manpower Support
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No	Laboratory	of students per set up (Batch Size)	Equipment	y utilization status( all the courses for which the lab is utilized)	Name of the Technical staff	Designation	Qualification
1	Electronic Devices Lab BE 2/4 I - Sem	24	<ul style="list-style-type: none"> <li>Dual trace Cathode Ray Oscilloscopes,</li> <li>Digital Storage Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> <li>Signal Generators.</li> </ul>	27 Periods	1)D.Bhavani 2)G.Reddiyya 3)J.Anantha Krishna	1) Lab Tech. 2) LabTech. 3) Lab Asst.	9) B.Tech. 10) B.Tech 11) DECE
2	Basic Electronics Lab (CSE) / Mech BE 2/4 I &II -Sem	24	<ul style="list-style-type: none"> <li>Dual cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies.</li> </ul>	27 Periods	1)V.Sridhar 2)R.Kumariah 3)A.Padmavathi	1) Lab Tech. 2) Lab Asst. 3) Lab Asst.	1) I.T.I. 2) M. Tech. 3) DECE
3	Electronic Workshop & Basic Circuits Lab & PCB LAB BE 2/4 I - Sem	24	<ul style="list-style-type: none"> <li>Dual Trace Cathode Ray Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies.</li> <li>PCB work station equipment,</li> <li>Coil winding Machine,</li> <li>EWS demo kits,</li> <li>Mixed signal oscilloscope (60 MHZ),</li> <li>PCB Software circuit maker.</li> </ul>	27 Periods	1)G.Reddiyya 2)T.Ravishankar	1) Lab Tech. 2) Lab Asst.	1) B.Tech 2)DECE
4	Electronic Circuits Lab BE 2/4 I - Sem	24	<ul style="list-style-type: none"> <li>Dual trace Cathode Ray Oscilloscopes,</li> <li>Digital Storage Oscilloscopes,</li> <li>Function generators,</li> <li>Dual Regulated Power Supplies,</li> <li>Signal Generators,</li> <li>Power Meter.</li> </ul>	27 Periods	1)V.Sridhar 2)T.Ravi Shankar 3)A.Padmavathi 4)A.Gouri Devi	Lab Tech. Lab Asst. Lab Asst. Lab Tech.	ITI DECE DECE DECE

5	Electronics Engineering - I/II Lab B.E 2/4(EEE) I&II-Sem	24	<ul style="list-style-type: none"> <li>• Dual Trace Cathode ray Oscilloscopes,</li> <li>• Function Generators,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Oscillators.</li> </ul>	18 Periods	1) R.Kumariah 2) S.Bhramara 3)J.Anantha Krishna	1) Lab Asst. 2) Lab Asst. 3) Lab Asst.	1) M.TECH, 2) DECE 3) DECE
6	Integrated Circuits and Applications Lab BE 3/4 I - Sem	24	<ul style="list-style-type: none"> <li>• Digital Trainer Kits,</li> <li>• Digital IC Tester,</li> <li>• Linear IC Tester,</li> <li>• Dual trace Cathode Ray Oscilloscopes,</li> <li>• Digital Storage Oscilloscopes,</li> <li>• Function generators,</li> <li>• Dual Regulated Power Supplies,</li> <li>• Signal Generators.</li> </ul>	27 Periods	1)A.Gouri Devi 2)R.Kumaraiah	1) Lab Tech. 2) Lab.Asst.	1) DECE 2) M.Tech
7	Analog Communication Lab BE 3/4 I - Sem /Digital Communication Lab BE 3/4 II - Sem	24	<ul style="list-style-type: none"> <li>• Digital Storage oscilloscopes,</li> <li>• PCM Generation &amp; Detection Kits,</li> <li>• AM,FM,PAM,PWM, PPM Modulation and Demodulation Kits,</li> <li>• DPCM,ASK, FSK, BPSK, DPSK, QPSK, TDM ,FDM, Modulation &amp; Demodulation Kits,</li> <li>• Fiber optics trainer kit.</li> <li>• PAM and Sampling.</li> <li>• Good Will Instek GOS-630 FC,30 MHz 2 channel colour LCD .</li> </ul>	27 Periods	1) S.Bhramara 2) A.Gouri Devi	1) Lab Asst. 2) Lab Tech.	1) DECE 2) DECE
8	Micro Processors & Micro Controllers Lab BE 3/4 II - Sem	24	<ul style="list-style-type: none"> <li>• Computers,</li> <li>• 8086 kits,</li> <li>• AT89C51 Microcontroller Kits,</li> <li>• 4-Digital, 7 Segment LED Display Interface,</li> <li>• Logic Controller Interface ,</li> <li>• Stepper Motor Interface with Stepper Motor &amp; Power Adapter,</li> <li>• 10KVA UPS ,</li> <li>• D-Link 24 port 10/100 switches, 4 unit Rack.</li> </ul>	27 Periods	1) D.Bhavani 2)J.Anantha Krishna 3)A.Padmavathi	1) Lab Tech 2) Lab Asst. 3) Lab Asst.	1) B.Tech, 2) DECE 3) DECE



9	Digital Signal Processing Lab BE 3/4 II - Sem	24	<ul style="list-style-type: none"> <li>Computers,</li> <li>DSP Starter Kits TMS-320 C6713 Development Board with 512K Flash and 8MB SDRAM and Software's with power supply</li> <li>10KVA UPS,</li> <li>D-Link 24 port 10/100 switches,</li> <li>4 unit Rack,</li> <li>D-Link Category 6 Cable Box.</li> <li>MATLAB 7.3-28 users - <b>Tool Box</b> Simulink -5 users Signal Processing (5 users) Filter Design-1 Links Of CCs- 1 MATLAB -12 Neural Networks-1 Fuzzy Logic -1 Control Systems-5 Communication Systems- 2 Image Processing -1</li> </ul>	27 Periods	1)G.Reddiyya 2)R.Kumaraiah 3)K.Sridhar Raju	1) Lab Tech. 2) Lab Asst. 3) Lab Tech	1) B Tech 2)M.Tech 3) ITI
10	Microwave Engineering Lab BE 4/4 I - Sem	24	<ul style="list-style-type: none"> <li>Microwave Bench Setups,</li> <li>Microwave Devices,</li> <li>CROs,</li> <li>Function generators.</li> </ul>	18 Periods	1).V. Sridhar	1) Lab Tech. .	1) ITI
11	Electronic Design and Automation Lab BE 4/4 I - Sem	24	<ul style="list-style-type: none"> <li>Computers,</li> <li>10 KVA UPS,</li> <li>Universal Multi-Vendor Development Kit</li> <li>Xilinx FPGA Kits - 400K Gate Density</li> <li>ACER PC system</li> <li>10KVA UPS, D-Link 24 port 10/100 switches, 4 unit rack, D-Link Category 6</li> </ul>	18 Periods	1) K. Sridhar Raju	1) Lab Tech. .	1) ITI
12	Design and Simulation Lab-I ME	18	<ul style="list-style-type: none"> <li>Computers,</li> <li>10 KVA UPS</li> </ul>	3 Periods	1) D. Bhavani 2) G. Reddiyya	1) Lab Tech. 2)Lab Tech.	1) B. Tech 2) B. Tech

13	Design and Simulation Lab-II ME	18	<ul style="list-style-type: none"><li>• Computers,</li><li>• 10 KVA UPS</li><li>• Cadence Tools</li></ul>	3 Periods	1) K. Sridhar Raju	1)Lab Tech	1)ITI
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