

M.Tech Lab (Room .No. 310) Year 18-19

1	Name OF Lab:	M.E. Lab
2	Room No. :	310, Third Floor, Extc Dept.
3	Lab Area:	132 sq. mtrs.
4	Name of Lab Incharge	Dr. Y.S. Rao
5	Total Cost of Equipment In the Lab:	37,53,878/-
6	Total Cost of Software In the Lab:	4,49,190/-
7	Total Cost of Furniture In the Lab:	3,80,000/-
8	Total Cost of Lab:	45,83,068/-
9	Lab Facilities	1.This Lab is Equipped with Desktop Computers. All Computers are having an Internet Facility
		2.This Lab is open till 8' clock at evening for extra project work on request.
		3. This Lab is also issued to the students for their Special Organized workshop on request.
10	List of Major Equipments	1. Dell Optiplex 3020MT(Intel core i3) 3.4ghz,3mb cache,4gb DDR3,500 Gb HDD, WITH21.5” TFT Monitor - 20 Nos.
		2. NI USRP-2921(2.4 and 5Ghz) Software Radio Bundle with Dual Band)
		3. Two channel Arbitrary function generator(100Mhz), Make-Tektronix
		4. DSO 1052 B 2 Channeel 50Mhz, 16K Memory
11	List of Major software	1. IE3D Software(Hyperlynx 3D SSD Apsw).Electromagnetic Design and Simulation Software
		2. Photonics CAD(Digital and Analog Optical Network Simulator)

Equipments and Software Purchased for year 2018-19

Sr. No.	Stock Entry	Description of Equipments	Date of Purchase	Qty	Cost Rs.
1	12	3KW on grid solar inverter with RS485 Interface	11/01/19	1	51,920/-
2	13	1. Microcontroller based based Inverter I and Vsensor with load	11/02/19	8	84,960/-
		2. Microcontroller based DC to DC converter		8	84,960/-
3	15	HP Laserjet 1020	11/02/19	1	10,974/-
4	21	Photoanic Wifi Dongle	01/03/19	2	7,920/
5	24	NVIS 6005A I V Chara solar Cell		1	37,811/-
				Total	2,78,545/-