

DCOM Lab (Room -703 B) Year 2018-19

1	Name OF Lab:	Digital Communication Lab
2	Room No. :	703-B, Seventh Floor, Extc Dept.
3	Lab Area:	66 sq. mtrs.
4	Name of Lab Incharge:	Prof. Sukanya Kulkarni
5	Name of Technical Assistant:	Mrs. Riya Kasurde
6	Total Cost of Equipment In the Lab:	3158149
7	Total Cost of Furniture In the Lab:	73000
8	Total Cost of Lab:	3231149
9	Lab Facilities:	<p>For DCOM Lab Students Implement Various Communication Circuits and Observe Different Type of Waveforms on CRO</p> <p>For DCOM Practicals Done Properly Various Communication Trainers are Provided to Students.</p> <p>This Lab is Equipped with Various Digital Communication Kits. As well as Students can Implement Various communication Circuits.</p> <p>Students Study and Observe Different types of Communication in actual practice, which are used by Various Communication Stations. Communication System like Satellite Communication, AM and FM are Studied here.</p> <p>This Lab is open till 8' clock at evening for extra Project Work on request.</p> <p>This Lab is also issued to the Students for their special organized workshop on request.</p> <p>Students can issue Raspberry Pi 3 and Node MCU Board for their Project and IOT work.</p> <p>Radio Receiver and Related Practicals on RTLSDR</p>
11	List of Major Equipments.	<p>1. Scientific make, Programable Fuction Arbitory Generator.</p> <p>2. TDS 1002 DSO</p> <p>3. 1.5 GHz Spectrum Analyser</p> <p>4. Raspberry PI3, Node MCU8266 sensor Board</p> <p>RTL2832U and RT820T</p>

Updated List of Equipments Purchased for year 2018-19

Sr. No.	Stock Entry	Description of Equipments	Date of Purchase	Qty	Cost Rs.
1	12 4/ Page 12	NooElecUSBStick set with RTL2832U and RT820T HS CODE: 85437099	11/1/2019	5	29500
2		HP280 Desktop Intel core i3- 8 th Generation with 8GB RAM, Mouse 18.6" Monitor with UBUNtu 5 yrs warrenty onsite by OEM (5-5-5)			240527
			TOTAL		270027

Total Cost of equipments purchased till Year 2017-18	2888122
Total Cost of Furniture purchased till Year 2017-18	73000
Purchase of Equipments for Year 2018-19	270027
Purchase of Furniture for Year 2018-19	0
Total Cost of equipments received from other Lab in 2018-19	0
Total Cost of equipments Transfer From DCOM lab upto 2018-19	0
Total Cost of Lab	3231149