UNIVERSITY COLLEGE OF ENGINEERING
TELANGANA UNIVERSITY

CALL FOR QUATATIONS

SUBJECT: BASIC ELECTRICAL ENGINEERING LAB

LIST OF EXPERIMENTS/ DEMONSTRATIONS

S. NO.	ITEMS	QTY.
1	Verification of KVL & KCL	5
2	Verification of The venin's and Norton's theorem	5
3	Transient Response Of Series RL and RC circuits for DC extension	5
4	Resonance in Series RLC circuit	5
5	Calculations and Verification of impedance and current of RL, RC and RLC series circuits	5
6	Verification of Superposition theorem	5
7	Multi-meters	3
8	Voltmeter digital	10
9	Ammeter digital	10
10	Regulated Power Supply	4
11	Cathode Ray Oscilloscope	3
12	Function Generator	2
13	Decade Resistance Box	3
14	Decade Inductance Box	3
15	Decade Capacitance Box	3
16	Connecting Wires	50
Total		

SUBJECT: ENGINEERING CHEMISTRY LAB

REQUIREMENT FOR ENGINEERING CHEMISTRY LAB

S.NO	PRODUCTNAME	QTY
1.	Conductivity meter with electrode Make: Infra	02Nos
2.	Potentiometer with electrode Make: Infra	02Nos
3.	P.H. Meter with electrode Make: Infra	02Nos
4.	Colorimeter 8 filter Make: EI	02Nos
5.	Potassium permanganate	1x500gr
6.	Hydrochloric acid	1x500ml
7.	Sodium hydroxide pellets	1x500gr
8.	Acetic acid	1x500ml
9.	Cupric Sulphate	1x500gr
10.	Ammonia solution	1x500ml
11.	Glass rods	10Nos
12.	Conical flask 250ml	10Nos
13.	Buretts 50ml	10Nos
14.	Beakers100ml	10Nos
15.	Beakers 500ml	05Nos
16.	Filter paper	01reem
17.	Erichorme black T	1x25gr
18.	Calcium carbonate	1x500gr
19.	Magnesium chloride	1x500gr
20.	Ammonium chloride	1x500gr
21.	Buret stand with clamp	10Nos

SUBJECT: ADVANCED ENGINEERING PHYSICS LAB

REQUIREMENT FOR ADVANCED ENGINEERING PHYSICS LAB

S. No.	Experiment Name	Quantity
1	Determination of Energy gap of a Semiconductor	01
2	Study of B-H Curve of a Ferro Magnetic material	01
3	Determination of Dielectric constant of a given material	01

SUBJECT: COMPUTER AIDED ENGINEERING GRAPHICS LAB

REQUIREMENT FOR COMPUTER AIDED ENGINEERING GRAPHICS LAB

S. No.	Item	Quantity
1	Drawing tables	30 no.
2	Long Stools	30 no.