

UNIVERSITY GRANTS COMMISSION COER UNIVERSITY ROORKEE

Appendix XV

Information about the Laboratories & Equipment

Sr. No.	Item Description	Quantity	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
Department of Chemistry						
1	Analytical Balance	5	Chemistry Lab	9250	Working	Transfer from COER SM/COER on dated March 03, 2021
2	Digital Balance	2	Chemistry Lab	30385	Working	
3	PH Meter	2	Chemistry Lab	9100	Working	
4	Distillation Assembly	1	Chemistry Lab	3344	Working	
5	Heating Oven	1	Chemistry Lab	4180	Working	
6	Heating Mantal 1 ltr	2	Chemistry Lab	2204	Working	
7	Heating Mantal 2 ltr	2	Chemistry Lab	2617.75	Working	
8	Photo Colorimeter	2	Chemistry Lab	13020	Working	
9	Spirit lamp	40	Chemistry Lab	1470	Working	
10	Ajanta clock	1	Chemistry Lab	230	Working	
11	Burette stand	50	Chemistry Lab	13750	Working	
12	Burette 50 ml*	86	Chemistry Lab	7310	Working	
13	Beaker 250 ml*	113	Chemistry Lab	4152.75	Working	
14	Beaker 100 ml*	80	Chemistry Lab	1840	Working	
15	Beaker 1000 ml*	35	Chemistry Lab	3675	Working	
16	Conical flask 150 ml*	67	Chemistry Lab	3484	Working	
17	Chemical chart 3D Plastic*	10	Chemistry Lab	630	Working	
18	Chemical chart Banner*	6	Chemistry Lab	1008	Working	
19	Dropper*	30	Chemistry Lab	3024	Working	
20	Desicator*	2	Chemistry Lab	2821	Working	
21	Funnel*	50	Chemistry Lab	600	Working	
22	Glass rod*	10 kg	Chemistry Lab	600	Working	
23	Graduated pipette 2 ml*	10	Chemistry Lab	336	Working	
24	Gloves*	2 pair	Chemistry Lab	73.15	Working	
25	Glass tube*	10 kg	Chemistry Lab	600	Working	
26	Lab Apron*	2	Chemistry Lab	1306	Working	
27	Measuring flask 100 ml*	46	Chemistry Lab	2760	Working	
28	Measuring flask 250 ml*	10	Chemistry Lab	950	Working	
29	Measuring flask 500 ml*	10	Chemistry Lab	1550	Working	
30	Measuring flask 1000 ml*	7	Chemistry Lab	1360	Working	
31	Measuring flask 2000 ml*	8	Chemistry Lab	2000	Working	
32	Mortar & pestle*	29	Chemistry Lab	928	Working	
33	Measuring Cylinder 100 ml*	1	Chemistry Lab	75	Working	
34	Moter pump*	2	Chemistry Lab	560	Working	
35	Pipette 10 ml*	62	Chemistry Lab	1953	Working	
36	Reagent bottle 125 ml*	100	Chemistry Lab	3800	Working	
37	Reagent bottle 250 ml*	171	Chemistry Lab	6498	Working	
38	R.D Bottle 25 ml*	44	Chemistry Lab	2992	Working	

39	Round bottom flask 5 ltr*	10	Chemistry Lab	975	Working
40	Reagent bottle 5 ltr*	9	Chemistry Lab	2480	Working
41	Stalagnometer*	67	Chemistry Lab	2546	Working
42	Spatula*	5	Chemistry Lab	52.25	Working
43	Test tube (15x125)mm*	11	Chemistry Lab	30	Working
44	Test tube (18x150)mm*	100	Chemistry Lab	445	Working
45	Test tube stand*	50	Chemistry Lab	950	Working
46	Tripod stand*	30	Chemistry Lab	1140	Working
47	Test tube holder*	36	Chemistry Lab	420	Working
48	Thermometer*	3	Chemistry Lab	90	Working
49	Tongue*	15	Chemistry Lab	705	Working
50	Viscometer*	59	Chemistry Lab	2655	Working
51	Wash bottle*	30	Chemistry Lab	665	Working
52	Copper Calorimeter*	1	Chemistry Lab	150	Working
53	Wire Gauge*	36	Chemistry Lab	288	Working
54	Glass pH, electrode*	1	Chemistry Lab	850	Working
55	Stop watch	5	Chemistry Lab	1968.75	Working
56	Forcep	35	Chemistry Lab	980	Working
57	Funnel Borosilicate 100 mm	1	Chemistry Lab	155	Working
58	Washing Brush	20	Chemistry Lab	1100	Working

Department of Physics

1	Spectrometer	2	Physics Lab	8000	Working
2	Polarimeter (Half Shade)	2	Physics Lab	5500	Working
3	Newton's Ring Apparatus	3	Physics Lab	11500	Working
4	Nodal Slide Apparatus	2	Physics Lab	16400	Working
5	Carey Foster's bridge Appt	2	Physics Lab	5490	Working
6	Carey Foster's Bridge Appt (Electronics)	1	Physics Lab	4800	Working
7	E.C.E. Set up	2	Physics Lab	4215	Working
8	Variation of Magnetic Field Appt	2	Physics Lab	5845	Working
9	Calibration of Ammeter	2	Physics Lab	6650	Working
10	Calibration of Voltmeter	2	Physics Lab	6650	Working
11	Screw Gauge	6	Physics Lab	400	Working
12	Electronics Balance	5	Physics Lab	15500	Working
13	Battery eliminator	12	Physics Lab	8000	Working
14	Electronic Regulated Power Supply	3	Physics Lab	2000	Working
15	Wooden Box	6	Physics Lab	9000	Working
16	Four Probe Apparatus	3	Physics Lab	30000	Working
17	Energy Band Gap (P-N Junction) Apparatus	3	Physics Lab	6000	Working
18	Stefan's Law Apparatus	3	Physics Lab	5300	Working
19	Helmholtz Galvanometer	1	Physics Lab	1800	Working
20	Magnifier	9	Physics Lab	580	Working
21	Spirit level	2	Physics Lab	300	Working
22	Extension Chord	8	Physics Lab	3200	Working
23	Tool Chest	1	Physics Lab	1400	Working
24	Vernier Callipers	7	Physics Lab	1280	Working

Transfer from COER SM/COER on dated March 03, 2021

Sr. No.	Item Description	Quantity	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
25	Stop Watch (mech)	3	Physics Lab	3900	Working	Transfer from COER SM/COER on dated March 03, 2021
26	Compass Box	8	Physics Lab	1200	Working	
27	Voltmeter	5	Physics Lab	800	Working	
28	Ammeter	5	Physics Lab	800	Working	
29	Galvanometer	5	Physics Lab	800	Working	
30	One way Key	5	Physics Lab	260	Working	
31	Table Lamp	4	Physics Lab	1600	Working	
32	Hall Effect Apparatus	1	Physics Lab	34500	Working	
33	Transformer (sodium lamp)	6	Physics Lab	3600	Working	
34	Soldering Iron	1	Physics Lab	450	Working	
35	Screw Driver Set	1	Physics Lab	250	Working	
36	Commutator	5	Physics Lab	830	Working	
37	Digital Multimeter	1	Physics Lab	850	Working	
38	Hair Dryer	1	Physics Lab	2100	Working	
39	Voltmeter (Stefen's Law)	5	Physics Lab	1250	Working	
40	Ammeter (Stefen's Law)	5	Physics Lab	1275	Working	
41	Conversion of Galvanometer into Voltmeter Apparatus	2	Physics Lab	3600	Working	
42	Conversion of Galvanometer into Ammeter	2	Physics Lab	3750	Working	
43	Stop watch Digital	12	Physics Lab	4200	Working	
44	Scissor	1	Physics Lab	115	Working	
45	Flux Meter	2	Physics Lab	20000	Working	
46	Drilling Machine	1	Physics Lab	3400	Working	
47	Measuring Tape	1	Physics Lab	290	Working	
48	Mercury Vapour Lamp	1	Physics Lab	740	Working	
49	Palarimeter With Two Tubes	1	Physics Lab	2900	Working	
50	1 OHM Resistance	1	Physics Lab	450	Working	
51	TEW-Way Key	2	Physics Lab	280	Working	

Sr. No.	Item Description	Quantity	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
College of Pharmacy (Pharmaceutics)						
1	Ampoule washing machine	2	Pharmaceutics	4800	Working	16/07/2022 & 16/08/2022
2	Ampoule filling and sealing machine	5	Pharmaceutics	22400	Working	
3	Autoclave	4	Pharmaceutics	26000	Working	
4	Aseptic cabinet	1	Pharmaceutics	9500	Working	
5	Ampoule Clarity test Apparatus	1	Pharmaceutics	1750	Working	
6	Ball mill	2	Pharmaceutics	10000	Working	
7	BOD Incubator	3	Pharmaceutics	132000	Working	
8	Brookfield Viscometer	1	Pharmaceutics	97350	Working	
9	Capsule filling machine	1	Pharmaceutics	23950	Working	
10	Conical Percolator	15	Pharmaceutics	600	Working	
11	Collapsible tube	1	Pharmaceutics	10000	Working	
12	Filtration Assembly	4	Pharmaceutics	9000	Working	
13	Friability test apparatus	1	Pharmaceutics	6000	Working	
14	Hand Grinding mill	1	Pharmaceutics	1295	Working	
15	Homogenizer	10	Pharmaceutics	60000	Working	
16	Incubator	2	Pharmaceutics	13000	Working	
17	Lucas Moist Chamber	1	Pharmaceutics	750	Working	
18	Lipstick Mould	10	Pharmaceutics	6000	Working	
19	Magnetic Stirrer	20	Pharmaceutics	2800	Working	
20	Mechanical Agitator	5	Pharmaceutics	25000	Working	
21	Microcentrifuge	1	Pharmaceutics	9250	Working	
22	Microscope	37	Pharmaceutics	13600	Working	
23	Physical Balance	1	Pharmaceutics	1500	Working	
24	Sieve shaker with a sieve set	1	Pharmaceutics	12500	Working	
25	Suppository mould	20	Pharmaceutics	33000	Working	
26	Stimulator	1	Pharmaceutics	1200	Working	
27	Sonicator	1	Pharmaceutics	1200	Working	
28	Stalgometer	15	Pharmaceutics	9900	Working	

Sr. No.	Item Description	Quantity	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
29	Tablet disintegration test apparatus	1	Pharmaceutics	6000	Working	16/07/2022 & 16/08/2022
30	Tablet dissolution test apparatus	1	Pharmaceutics	8000	Working	
31	Tablet hardness tester	2	Pharmaceutics	3590	Working	
32	Tray drier	1	Pharmaceutics	32000	Working	
Pharmacology						
1	Actophotometer	1	Pharmacology	13900	Working	16/07/2022 & 16/08/2022
2	Analgesimeter	1	Pharmacology	13500	Working	
3	Aerator	2	Pharmacology	400	Working	
4	Aeration tube	5	Pharmacology	300	Working	
5	Animal Balance	1	Pharmacology	1250	Working	
6	Centrifuge	2	Pharmacology	5600	Working	
7	Convulsimeter	1	Pharmacology	15900	Working	

8	Electro convulsimeter	1	Pharmacology	15900	Working
9	Frontal Writing lever	5	Pharmacology	350	Working
10	Frog Board	2	Pharmacology	1500	Working
11	Hutchinson spirometer	1	Pharmacology	12000	Working
12	Histamine Chamber	1	Pharmacology	6000	Working
13	Muscle Electrode	1	Pharmacology	250	Working
14	Myographic lever	2	Pharmacology	300	Working
15	Kymograph	11	Pharmacology	82500	Working
16	Lucas moist chamber	1	Pharmacology	750	Working
17	Student Organ Bath	1	Pharmacology	2000	Working
18	Perspex bath assembly	10	Pharmacology	21000	Working
19	Plastic Animal Cage	1	Pharmacology	900	Working
20	Plethysmograph	1	Pharmacology	140000	Working
21	Pole climbing apparatus	1	Pharmacology	13500	Working
22	Rotarod	1	Pharmacology	10000	Working
23	Colony counter	2	Pharmacology	16000	Working

Pharmacognosy

1	Camera Lucida	15	Pharmacognosy	11250	Working
2	Eye-piece micrometer	20	Pharmacognosy	9000	Working
3	Steam Distillation Still	1	Pharmacognosy	4000	Working
4	Hot air oven	8	Pharmacognosy	52000	Working
5	Heating Mantle	15	Pharmacognosy	14250	Working
6	Suction Pump	6	Pharmacognosy	27000	Working
7	Microcentrifuge	1	Pharmacognosy	9250	Working
8	Moisture balance	11	Pharmacognosy	10000	Working
9	Tincture Press	2	Pharmacognosy	4800	Working
10	Laminar air flow	1	Pharmacognosy	50000	Working
11	Projection microscope	1	Pharmacognosy	16000	Working
12	Stage Micrometer	20	Pharmacognosy	11000	Working
13	Sterility testing unit	2	Pharmacognosy	80000	Working
14	Zone Reader	1	Pharmacognosy	5000	Working

16/07/2022
&
16/08/2022

Pharmaceutical Chemistry

1	Digital pH meter	3	Pharmaceutical Chemistry	10500	Working
2	Analytical Balance	5	Pharmaceutical Chemistry	7500	Working
3	Magnetic stirrers with thermostat	20	Pharmaceutical Chemistry	56000	Working
4	Distillation Assembly	1	Pharmaceutical Chemistry	4000	Working
5	Hot Plate	5	Pharmaceutical Chemistry	5000	Working
6	Melting Point Apparatus	1	Pharmaceutical Chemistry	18950	Working
7	Mechanical stirrers	10	Pharmaceutical Chemistry	50000	Working
8	Microwave oven	1	Pharmaceutical Chemistry	6500	Working
9	Muffle furnace	1	Pharmaceutical Chemistry	8500	Working
10	Polarimeter	1	Pharmaceutical Chemistry	15000	Working
11	Thermometer	10	Pharmaceutical Chemistry	600	Working
12	Thermostatic Bath	1	Pharmaceutical Chemistry	4000	Working

16/07/2022
&
16/08/2022

Sr. No.	Item Description	Quantity	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
13	Refrigerator	2	Pharmaceutical Chemistry	19000	Working	16/07/2022 & 16/08/2022
14	Refractometer	1	Pharmaceutical Chemistry	6500	Working	
15	Suction pump	6	Pharmaceutical Chemistry	27000	Working	
16	Vacuum pump	3	Pharmaceutical Chemistry	13500	Working	
Human Anatomy and Physiology						
1	Accu-Check Blood sugar	1	Human Anatomy and Physiology Lab	1100	Working	16/07/2022 & 16/08/2022
2	Digital B.P Apparatus	3	Human Anatomy and Physiology Lab	4849	Working	
3	Digital Thermometer	1	Human Anatomy and Physiology Lab	2660	Working	
4	Haemocytometer	10	Human Anatomy and Physiology Lab	14000	Working	
5	Haemoglobinometer	20	Human Anatomy and Physiology Lab	20000	Working	
6	Sphygnomanometer	5	Human Anatomy and Physiology Lab	7250	Working	
7	Stethoscope	5	Human Anatomy and Physiology Lab	2125	Working	
8	Stop Clock	2	Human Anatomy and Physiology Lab	600	Working	
9	Tray-dissecting	5	Human Anatomy and Physiology Lab	1250	Working	
10	Simple Liver	2	Human Anatomy and Physiology Lab	390	Working	
Central Instrumentation Room						
1	UV-Visible Spectrophotometer	1	Central Instrumentation Room	240000	Working	16/07/2022 & 16/08/2022
2	Colorimeter	2	Central Instrumentation Room	17600	Working	
3	Conductivity meter	1	Central Instrumentation Room	12500	Working	
4	Digital Ph meter	3	Central Instrumentation Room	10500	Working	
5	Flame Photometer	1	Central Instrumentation Room	22000	Working	
6	Flourimeter	1	Central Instrumentation Room	45000	Working	
7	Nephelo turbidity	1	Central Instrumentation Room	17500	Working	
8	Potentiometer	1	Central Instrumentation Room	6000	Working	
Machine Room						
1	Tablet coating pan	1	Machine Room	11000	Working	16/07/2022 & 16/08/2022
2	Tablet punching machine	1	Machine Room	17800	Working	
3	Bottle sealing machine	1	Machine Room	12580	Working	
4	Bottle filling machine	1	Machine Room	12000	Working	
5	Double cone blender	1	Machine Room	24000	Working	
6	Polishing Pan	1	Machine Room	2400	Working	

Sr. No.	Item Description	Quantity	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
College of Smart Agriculture (Agronomy, Soil Science & Horticulture)						
1	pH meter	2	Agronomy, Soil Science and Horticulture Lab	8968	Working	Transfer from COER SM/COER on dated March 03, 2021
2	EC meter	2	Agronomy, Soil Science and Horticulture Lab	8968	Working	
3	Soil moisture meter	2	Agronomy, Soil Science and Horticulture Lab	3776	Working	
4	Oven 18x18 PID Controller	1	Agronomy, Soil Science and Horticulture Lab	20480	Working	
5	Compound microscope	3	Agronomy, Soil Science and Horticulture Lab	9792	Working	
6	Conductivity meter	2	Agronomy, Soil Science and Horticulture Lab	9345	Working	
7	Soil Moisture Meter (digital)	2	Agronomy, Soil Science and Horticulture Lab	3610	Working	
8	Hydrometer	5	Agronomy, Soil Science and Horticulture Lab	1858	Working	
9	Double ring Infiltrometer	1	Agronomy, Soil Science and Horticulture Lab	13275	Working	
10	Digital Refractometer	1	Agronomy, Soil Science and Horticulture Lab	3068	Working	
11	Grafting Knife	10	Agronomy, Soil Science and Horticulture Lab	950	Working	
12	Budding Knife	10	Agronomy, Soil Science and Horticulture Lab	950	Working	
13	Scud (Khurpi)	10	Agronomy, Soil Science and Horticulture Lab	500	Working	
14	Spade (Belcha)	10	Agronomy, Soil Science and Horticulture Lab	4500	Working	
15	Hoe (Fawda)	10	Agronomy, Soil Science and Horticulture Lab	4000	Working	
16	Rake	5	Agronomy, Soil Science and Horticulture Lab	1500	Working	
17	Axe	2	Agronomy, Soil Science and Horticulture Lab	650	Working	
18	Pruning Knife	5	Agronomy, Soil Science and Horticulture Lab	500	Working	
19	Trowel	10	Agronomy, Soil Science and Horticulture Lab	1000	Working	
20	Garden Fork	5	Agronomy, Soil Science and Horticulture Lab	500	Working	

Sr. No.	Item Description	Quantity	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
21	Lopping Shear	5	Agronomy, Soil Science and Horticulture Lab	4,500	Working	Transfer from COER SM/COER on dated March 03, 2021
22	Leaf Colour Chart	5	Agronomy, Soil Science and Horticulture Lab	1,900	Working	
23	Measuring Tape 15metre	5	Agronomy, Soil Science and Horticulture Lab	1,475	Working	
24	Measuring Tape 30 metre	5	Agronomy, Soil Science and Horticulture Lab	2,065	Working	
25	Fertilizer for Identification : Urea	5	Agronomy, Soil Science and Horticulture Lab	80.00	Working	
26	Fertilizer for Identification : SSP	5	Agronomy, Soil Science and Horticulture Lab	100	Working	
27	Fertilizer for Identification : MOP	5	Agronomy, Soil Science and Horticulture Lab	110	Working	
28	Fertilizer for Identification : NPK	5	Agronomy, Soil Science and Horticulture Lab	850	Working	
29	Fertilizer for Identification : DAP	5	Agronomy, Soil Science and Horticulture Lab	220	Working	
30	Fertilizer for Identification : CAN	5	Agronomy, Soil Science and Horticulture Lab	450	Working	
31	Fertilizer for Identification: Ammonium Sulphate	5	Agronomy, Soil Science and Horticulture Lab	140	Working	
32	Herbicide: Atrazine	500 gm	Agronomy, Soil Science and Horticulture Lab	280	Working	
33	Herbicide: Paraquat	500 ml	Agronomy, Soil Science and Horticulture Lab	275	Working	
34	Herbicide: Leader	100 ml	Agronomy, Soil Science and Horticulture Lab	180	Working	
35	Herbicide: 2,4-D	1 litre	Agronomy, Soil Science and Horticulture Lab	350	Working	
36	Insecticide : Monocrotophos	100 ml	Agronomy, Soil Science and Horticulture Lab	85	Working	
37	Insecticide : Aldrin	100 ml	Agronomy, Soil Science and Horticulture Lab	75	Working	
38	Brix Meter	2	Agronomy, Soil Science and Horticulture Lab	6136	Working	
39	Fungicide: Bavistin	100 gm	Agronomy, Soil Science and Horticulture Lab	175	Working	
40	Mortar Pestle	2	Agronomy, Soil Science and Horticulture Lab	177	Working	
41	Conical Flask 250 ml	20	Agronomy, Soil Science and Horticulture Lab	2124	Working	
42	Conical Flask 500 ml	20	Agronomy, Soil Science and Horticulture Lab	2596.00	Working	
43	Measuring Cylinder 100 ml	5	Agronomy, Soil Science and Horticulture Lab	531.00	Working	
44	Measuring Cylinder 500 ml	5	Agronomy, Soil Science and Horticulture Lab	1121.00	Working	
45	Measuring Cylinder 1000 ml	5	Agronomy, Soil Science and Horticulture Lab	2065.00	Working	
Plant Protection						
1	Digital autoclave	1	Plant Protection Lab	117,351	Working	Transfer from COER SM/COER on dated March 03, 2021
2	Laminar Airflow	1	Plant Protection Lab	47790	Working	
3	Flame photometer digital	1	Plant Protection Lab	31860	Working	
4	Trinocular microscope	1	Plant Protection Lab	37701	Working	

5	Sprayer Nap sac 15 ltr Motorised	1	Plant Protection Lab	4248	Working	Transfer from COER SM/COER on dated March 03, 2021
6	Permanent Slide: T.S. of Root	3	Plant Protection Lab	141	Working	
7	Permanent Slide: TS of Stem	3	Plant Protection Lab	141	Working	
8	Permanent Slide: TS of Leaf	3	Plant Protection Lab	141	Working	
9	Permanent Slide: Mitosis (1Set)	1 set	Plant Protection Lab	354	Working	
10	Permanent Slide: Meiosis (1 Set)	1 Set	Plant Protection Lab	295	Working	
11	Permanent Slide: Parenchyma	3	Plant Protection Lab	141	Working	
12	Permanent Slide: Collenchyma	3	Plant Protection Lab	141	Working	
13	Permanent Slide: Sclerenchyma	3	Plant Protection Lab	141	Working	
14	Permanent Slide: Xylem	3	Plant Protection Lab	141	Working	
15	Permanent Slide: Phloem	3	Plant Protection Lab	141	Working	
16	Weighing scale (Electronic top pan balance)	2	Plant breeding and Genetics and Seed science and technology Lab	4248	Working	
17	Weighing scale (1kg-100 kg brand goldtech)	1	Plant breeding and Genetics and Seed science and technology Lab	6903	Working	
18	Weighing scale(1gm/300 gm) capacity	1	Plant breeding and Genetics and Seed science and technology Lab	28143	Working	
19	Student microscope	20	Plant breeding and Genetics and Seed science and technology Lab	516132	Working	
20	Fridge double doorLG	1	Biochemistry, Crop Physiology and Microbiology Lab	7670	Working	
21	GPS Garmin	1	Plant Protection Lab	8370	Working	
22	Weighing balance 1kg	1	Plant breeding and Genetics and Seed science and technology Lab	1792	Working	
23	Weighing balance 1kg-15 kg	1	Plant breeding and Genetics and Seed science and technology Lab	3840	Working	
24	Hot Plate	1	Biochemistry, Crop Physiology and Microbiology Lab	2242	Working	
25	Rotatory Shaker	1	Biochemistry, Crop Physiology and Microbiology Lab	16520	Working	
26	Seed germinator 170 ltrs with stabilizer	1	Plant breeding and Genetics and Seed science and technology Lab	89600	Working	
27	Hot Air oven	1	Biochemistry, Crop Physiology and Microbiology Lab	18585	Working	
28	Compound Microscope	3	Plant Protection Lab	2,550	Working	
29	Burette (50, 100 ml)	3	Agronomy, Soil Science and Horticulture Lab	389.00	Working	
30	Burette (100 ml)	3	Agronomy, Soil Science and Horticulture Lab	531.00	Working	
31	Burette stand	3	Agronomy, Soil Science and Horticulture Lab	885.00	Working	

32	Pipette (5ml)	5	Agronomy, SoilScience and Horticulture Lab	236.00	Working
33	Pipette (10 ml)	5	Agronomy, Soil Science and Horticulture Lab	265.00	Working
34	Beaker (100 ml)	5	Agronomy, Soil Science and Horticulture Lab	165.00	Working
35	Beaker (500 ml)	5	Agronomy, SoilScience and Horticulture Lab	413.00	Working
36	Beaker (1000 ml)	5	Agronomy, Soil Science and Horticulture Lab	1,062.00	Working
37	Funnel	5	Agronomy, SoilScience and Horticulture Lab	424	Working
38	Soil color chart	3	Agronomy, Soil Science and Horticulture Lab	1140.00	Working
39	Double DistillationUnit (5 L)	1	Agronomy, Soil Science and Horticulture Lab	17,700	Working
40	Soil Testing Kit	1	Agronomy, SoilScience and Horticulture Lab	5,310	Working
41	Insect Collection box wooden with heavyacrylic sheet on top	40	Plant Protection Lab	31,860	Working
42	Insect stretching board	20	Plant Protection Lab	9558	Working
43	Insect Collection Net	35	Plant Protection Lab	18956.7	Working
44	Soxhlets extraction apparatus	01	Plant Protection Lab	19647	Working
45	Complete Pheromone kit	1 Kit	Plant Protection Lab	5310	Working
46	Insect Light trap microprocessor controlled automaticwith solar panel Brand-sfs	01	Plant Protection Lab	9558	Working
47	Insect pins	10 Packet	Plant Protection Lab	700.9	Working
48	Entomological insectpins (imported)	2 Packet	Plant Protection Lab	955.8	Working
49	Insect Suction trap	10	Plant Protection Lab	4513.8	Working
50	Hand Lens (HighPower) Export quality	05	Plant Protection Lab	3026.7	Working
51	Slides(50pc) Coverslip (20pc)	50 20	Plant Protection Lab	807.1 9292.5	Working
52	Ocular meter	10	Plant Protection Lab	531	Working
53	Stage micrometer	5	Plant Protection Lab	398.2	Working
54	Inoculating needle and loop	05	Plant Protection Lab	424.8	Working
55	Agar Bacteriological (high media) 500 gm	02	Plant Protection Lab	8134.9	Working
56	Nutrient agar medium (high media) 500 gm	02	Plant Protection Lab	5288.7	Working
57	Tube auger SS	05	Agronomy, Soil Science and Horticulture Lab	3375	Working
58	Bucket Auger	05	Agronomy, SoilScience and Horticulture Lab	3825	Working
59	Capillary tube	05	Agronomy, Soil Science and Horticulture Lab	929.5	Working
60	Digging Auger	05	Agronomy, Soil Science and Horticulture Lab	1350	Working

Transfer from C O R
SM/COER on dated
March 03, 2021

61	Micro Pippete brand1-200 ul tips	01	Agronomy, Soil Science and Horticulture Lab	6372	Working
62	Zip Polybag	300	Agronomy, Soil Science and Horticulture Lab	796.5	Working
63	Squeeze Bottle	20	Agronomy, Soil Science and Horticulture Lab	637.2	Working
64	Hand gloves brand-Falcon	100	Agronomy, Soil Science and Horticulture Lab	19845	Working
65	Glass Rod	100	Agronomy, Soil Science and Horticulture Lab	1274.4	Working
66	Spatula	50	Agronomy, Soil Science and Horticulture Lab	1062	Working
67	Reagent bottle500 ml 250 ml	30 30	Agronomy, Soil Science and Horticulture Lab	6308.2 3823.2	Working
68	Sample processingboard (dry preservation of samples)	05	Agronomy, Soil Science and Horticulture Lab	424.8	Working
69	Wet preservation jars 750 ml Glassjars	40	Agronomy, Soil Science and Horticulture Lab	4035.6	Working
	Needle with plastichandle	50	Plant ProtectionLab	1593	Working
	Forceps	40		4354.2	
71	Butter paper	100	Plant Protection Lab	700.9	Working
72	Rubber bands	10	Plant Protection Lab	424.8	Working
73	Tissue roll	10	Plant Protection Lab	477.9	Working
74	pH paper strip	5	Plant Protection Lab	1327.5	Working
75	Stain (lectophenol-cotton blue and) gram staining kit	5 5	Plant Protection Lab	1539.9 4646.2	Working
76	Razor or surgical blades	50	Plant Protection Lab	2124	Working
77	Bacterial spreader Glass Borosil	5	Plant Protection Lab	398.2	Working
78	Parafilm – Brand Tarson	1 roll	Plant Protection Lab	3398.4	Working
79	Simple Knife	10	Plant Protection Lab	796.5	Working
	Watch glass	50	Plant Protection Lab	637.2	Working

Transfer from COER SM/COER on dated March 03, 2021

Department:- Mechanical Engineering

Sr. No.	Lab Name	Item Description	No. of Equipments	Location Department	Value (in Rs.)	Present Condition	Date of Purchase
1	Fluid machinery	Pelton wheel Turbinetest rig	1	Ground Floor	109700	working	Transfer from COER SM/COER on dated March 03, 2021
2		Francis Turbine test rig	1	Ground Floor	148600	working	
3		Kaplan Turbine Test rig	1	Ground Floor	187900	working	
4		Single Stage CentrifugalPump test rig	1	Ground Floor	39800	working	
5		Multi Stage CentrifugalPump test rig	1	Ground Floor	48700	working	
6		Reciprocating Pump testrig	1	Ground Floor	45600	working	
7		Double Stager reciprocating Compressor test rig	1	Ground Floor	68900	working	
8	Refrigeration & air-conditioning	Refrigeration test rig	1	Ground Floor	58500	working	
9		Ice plant test rig	1	Ground Floor	88500	working	
10		Water cooler test rig	1	Ground Floor	72000	working	
11		Mechanical heat Pump Trainer	1	Ground Floor	92000	working	
12		Centrifugal/ Air blower test rig	1	Ground Floor	73500	working	
13		Cut section module of rotary compressor	1	Ground Floor	6800	working	
14		Cooling tower trainer with pump & fan	1	Ground Floor	72000	working	
15	Heat & mass transfer	Metal Rod Apparatus	1	Ground Floor	38000	working	
16		Composite Wall Apparatus	1	Ground Floor	38000	working	
17		Pin Fin Apparatus	1	Ground Floor	38500	working	
18		Natural Convection Apparatus	1	Ground Floor	37500	working	
19		Forced Convection Apparatus	1	Ground Floor	39000	working	
20		Emissivity Measurement Apparatus	1	Ground Floor	42000	working	
21		Steffen Boltzmann Apparatus	1	Ground Floor	38000	working	
22		Parallel Counter Flow Apparatus	1	Ground Floor	42500	working	
23		Boiling & condensation Apparatus	1	Ground Floor	42500	working	
24		Transient Heat Conduction Apparatus	1	Ground Floor	38500	working	
		Universal Governor		Ground Floor		working	

25	Dynamics Of Machine Lab	Apparatus	1		40000	
26		Motorized Gyroscope	1	Ground Floor	38000	working
27		Static and Dynamic Balancing	1	Ground Floor	30000	working
28		CAM Movement and Profile Plotting	1	Ground Floor	38000	working
29		Critical Speed of Whirling shafts	1	Ground Floor	38000	working
30		Model of Fly Wheel	1	Ground Floor	6500	working
31		Pantograph Mechanism Model	1	Ground Floor	3800	working
32		Powl and ratchet mechanism model	1	Ground Floor	3200	working
33		Peauciller mechanism model	1	Ground Floor	2800	working
34		Oscillating Cylinder mechanism model	1	Ground Floor	2900	working
35		With worth Quick return mechanism model	1	Ground Floor	3200	working
36		Scotch Yoke mechanism model	1	Ground Floor	2900	working
37		Watt mechanism model	1	Ground Floor	3200	working
38		Model of crank & slotted link mechanism	1	Ground Floor	4800	working
39		Single slider crank mechanism	1	Ground Floor	4800	working
40		Simple Gear Train mechanism	1	Ground Floor	3800	working
41		Four Bar Mechanism	1	Ground Floor	4800	working
42	Applied Thermodynamics lab	Three Cylinder four stroke petrol engine Testing with Hydraulic brake Dynamometer & Exhaust gas calorimeter made of SS & 1 HP Crompton Make Pump & 200 Liters. PVC Tank for Hydraulic Brake Dynamometer	1	Ground Floor	(494438.18+17134.42+8471.92) 520045	working
43		Digital Tachometer	1	Ground Floor	2772	working
44		1 Cylinder four stroke Water cooled diesel engine test rig with rope brake dynamometer & Exhaust Gas Calorimeter made of SS	1	Ground Floor	(86434.42+11070.67)=97505.09	Working
45		1 Cy Two stroke petrol Engine Test Rig with Rope Brake & Separating & Throttling calorimeter	1	Ground Floor	(83835.68+104625.67)=188461.28	Working
46		Electrolux Refrigerator	1	Ground Floor	115352	Working
47		Air- Conditioner Test Rig	1	Ground Floor	117619	working
48			CSM of multi Cylinder Four Stoke Diesel Engine-motorized system	1	Ground Floor	94230.7

Transfer from COER SM/COER on dated March 03, 2021

Transfer from COER SM/COER on dated March 03, 2021

49		CSM of Actual Single Cylinder Two stroke petrol engine for plotting port timing diagram	1	Ground Floor	28395.7	working	
50		CSM of Actual Single Cylinder four stroke petrol Engine for plotting valve timing diagram.	1	Ground Floor	33593.2	working	
51		CSM of Actual Single Cylinder four Stroke Diesel Engine for plotting valve timing diagram.	1	Ground Floor	33593.2	working	
52		Model of Lancashire Boiler	1	Ground Floor	33593.2	working	
53		Model of Babcock & Wilcox Boiler.	1	Ground Floor	13167	working	
54		Model of Locomotive Boiler	1	Ground Floor	13167	working	
55		Model of Cochran Boiler	1	Ground Floor	10048.5	working	
56		Model of Pressure Gauge	1	Ground Floor	2165.63	working	
57		Model of Steam Engine Model with a Boiler	1	Ground Floor	11261.3	working	
58		Model of DE-Level Turbine	1	Ground Floor	8662.5	working	
59		Model of Pure Reaction Turbine	1	Ground Floor	4851	working	
60	Measure ment & Metrology	Invertment – Digital Metallurgical microscope with Meta Plus – 55 software	1	Ground Floor	197977	working	
61		Calibration Kit for LVDT	1	Ground Floor	8900	working	
62		Calibration Kit for Load Cell	1	Ground Floor	11500	working	
63		Calibration kit for Strain Gauges	1	Ground Floor	11500	working	
64		Calibration kit for Thermocouple	1	Ground Floor	8500	working	
65		Tool Dynamometers for Drilling Bit	1	Ground Floor	11500	working	
66s		Tool Dynamometers for Lathe Tool.	1	Ground Floor	18400	working	
67			Combination set (mititoyo) NO 180-301U	1	Ground Floor	6100	Working
69		Micrometer (mititoyo) Size 0-25 MM	2	Ground Floor	3600	Working	
70		Micrometer (mititoyo) size 25-50 MM	2	Ground Floor	2375	Working	
71		Digital Non Tachometer	1	Ground Floor	1800	Working	
72		Optical Flat apparatus (mititoyo)	1	Ground Floor	10800	Working	

Transfer from
COER
SM/COER on
dated March 03,
2021

73		Filler Gauge (mititoyo)	2	Ground Floor	3600	Working
74		Vernier Bevel Protector(mititoyo)	2	Ground Floor	24400	Working
75		Bore Gauge	1	Ground Floor	6100	Working
76		Vernier Caliper (mititoyo) size 150mm	2	Ground Floor	3600	Working
77		Vernier Caliper-(mititoyo) size 300mm	2	Ground Floor	10600	Working
78		Digital Vernier - (mititoyo) size 150mm	2	Ground Floor	12500	Working
79		Digital Vernier - (mititoyo) size 300mm	1	Ground Floor	16600	Working
80		Digital Height Gauge (mititoyo) size 300mm	1	Ground Floor	21000	Working
81		Digital Height Gauge (mititoyo) 600mm	1	Ground Floor	36500	Working
82		Digital Dial (mititoyo) gauge size 0.01-10mm	1	Ground Floor	6200	working
83		Dial Gauge (mititoyo) size 0.01-10 mm	1	Ground Floor	760	working
84		Sine Bar 6"	2	Ground Floor	2900	working
85		Sine Bar 12"	1	Ground Floor	3625	working
86		Slip Gauge set (mititoyo)	1 set	Ground Floor	31000	working
87		Gear Tooth Verneir	2	Ground Floor	4200	working
88		Gear Tooth Micrometer(mititoyo) size 0-25mm	2	Ground Floor	10800	working
89		Magnetic V-Block	4	Ground Floor	19200	working
90		Surface Plate with stand	3	Ground Floor	22815	working
100		Profile projector	1	Ground Floor	117222	working
101		One Universal Milling Machine No. 1.1/2 Gear head Table Size 48"x10" complete with all standard accessories,	1	Ground Floor	216000	working
102		One Dividing Head with true-chuck 160 mm	1	Ground Floor	32450	working
103		One Rotary Table 250mm Dia.	1	Ground Floor	22550	working
104		One Adaptor ISO-40 With Key.	1	Ground Floor	2550	working
105	Machine Shop	One Milling Vice	1	Ground Floor	13100	working

Transfer from
COER
SM/COER on
dated March 03
2021

106		One Vertical Attachment	1	Ground Floor	9900	working	
107		One Surface Grinding Machine Horizontal Model Grinding Cap 20"x8" Manual Operated with Electricals	1	Ground Floor	153180	working	
108		One Magnet Chuck 18"x8" Close Pole	1	Ground Floor	7500	working	
109		One Electrical Coolant System	1	Ground Floor	6000	working	
110		One Shaping Machine 18" Stroke all Geared Model with Electricals	1	Ground Floor	210150	working	
111		Itco make Pillar drill cap 20 mm complete with electrical	1	Ground Floor	36270	working	
112		SP make pillar drill machine cap 25 mm with electrical	1	Ground Floor	48870	working	
113		Hydraulic Hacksaw cap 10" Complete with electrical	1	Ground Floor	66600	working	
114		Bench Grinder 0.5 HP 2800 RPM with stand	1	Ground Floor	36270	working	
115		Bench grinder 1 HP 2800 RPM with stand	1	Ground Floor	13345	working	
116		Lathe machine size 6 1/2" OBM	6	Ground Floor	1275000	working	
117		Spot welding machine cap 15 Kva Paddle operated	1	Ground Floor	50400	Working	
118		MIG Welding Machine Model Tk-250 With Wire Feeder	1	Ground Floor	83160	Working	
119		TIG Welding Machine Model WW-250	1	Ground Floor	55800	Working	
120		Inverter 250 amp. DC ARC For welding	1	Ground Floor	26500	working	
121		Inverter 400 amp DC ARC for welding	1	Ground Floor	71000	working	
122	Welding wshop	Welding Goggles WG 2414LF	10	Ground Floor	1870	working	
123		Welding Holder Choice Make	5	Ground Floor	1925	working	
124		Welding Helmet WH TL314414 LIF	5	Ground Floor	1750	working	
125		Hand shield/ face shield	2	Ground Floor	298	working	
126		Spark Lighter / gas lighter	25	Ground Floor	1250	working	
127		Flint for lighter	12	Ground Floor	300	working	
128		Apron leader	20	Ground Floor	4000	working	

Transfer from
COER
SM/COER on
dated March 03,
2021

129	Chipping Hammer	20	Ground Floor	2680	working	
130	Wire Brush	19	Ground Floor	621	working	
131	Hand Gloves Black	20	Ground Floor	3000	working	
132	Hand Gloves	20	Ground Floor	2520	working	
133	Nisatu Dx G/ Stage Regulator	2	Ground Floor	2800	working	
134	Gas Cutting Torch	1	Ground Floor	2100	working	
135	Flashback Asbestos	4	Ground Floor	2600	working	
136	Flashback Asbestos	2	Ground Floor	1300	working	
138	Welding Goggle	10	Ground Floor	2680	working	
139	Hose Pipe Rubber Blue Wrapped	40 meter	Ground Floor	1800	working	
140	Hose Pipe Rubber Black Wrapped	40 meter	Ground Floor	1960	working	
141	Hose Clamp	4	Ground Floor	24	working	
142	Nipple	2	Ground Floor	70	working	
143	Welding Curtain	2	Ground Floor	3200	working	
144	Black Glass	40	Ground Floor	20	working	
145	White Glass	40	Ground Floor	20	working	
146	Spanner	1	Ground Floor	75	working	
147	Gear Box Apparatus	1	Ground Floor	5500	working	
148	Differential GearMechanism (Rear Axle withDifferential)	1	Ground Floor	6000	working	
149	Steering Mechanism (steering system)	1	Ground Floor	3400	working	
150	Automobile BreakingSystem	1	Ground Floor	3200	working	
151	Chassis Cum Suspension System (suspension system)	1	Ground Floor	9000	working	
152	Ignition System of IC Engine (Electrical ignition system)	1	Ground Floor	4500	working	
154	Fuel Supply System of CI Engine	1	Ground Floor	2400	working	
155	Fuel Supply System of SI Engine	1	Ground Floor	2400	working	
156	Air Conditioning System of automobile (Air Conditioning trainer)	1	Ground Floor	25000	working	
157	Epicyclic Gear System	1	Ground Floor	2400	working	
158	Formlabs 2	1	Ground Floor	398999	working	
	JYOTI Make CNC Turning Centre modelDX 200, 250mm	1	Ground Floor	1758200	working	

Transfer from
COER
SM/COER on
dated March 03,
2021

Flexible
manufac
turing
system
(FMS)

159	Workshop (Fitting, Carpentry, Sheet Metal)	Scale (Size 12") 300	99	Ground Floor	3168	working	Transfer from COER SM/ COEI on dated March 03, 2021
159		Verneir Caliper 12" (300 mm)	9	Ground Floor	21600	working	
160		Verneir Caliper 6" (150 mm)	20	Ground Floor	1500	working	
161		In Side Caliper 6" (150 mm)	10	Ground Floor	200	working	
162		Out Side Caliper 6" (150 mm)	10	Ground Floor	200	working	
163		Wire Gauge	9	Ground Floor	1440	working	
164		Thread Gauge	8	Ground Floor	2800	working	
165		Filler Gauge	10	Ground Floor	1500	working	
166		Vernier Height Gauge 12"	1	Ground Floor	6000	working	
167		Ball Peen Hammer (200gram)	18	Ground Floor	1134	working	
168		Ball Pein Hammer (500grm)	7	Ground Floor	742	working	
169		Cross Peen Hammer (200 gram)	18	Ground Floor	1134	working	
170		Cross Peen Hammer (500 grm)	9	Ground Floor	1060	working	
171		Claw Hammer (500 grm)	4	Ground Floor	240	working	
172		Pvc Mallet 30mm dia	10	Ground Floor	1500	working	
173		Sledge Hammer 2 kg.	7	Ground Floor	1050	working	
174		Hand Hacksaw adjustable size 250-300mm	20	Ground Floor	1700	working	
175		Rip Saw 12"	27	Ground Floor	1215	working	
176	Tenon Saw 10"	20	Ground Floor	600	working		
177	Dovetail Saw 10"	16	Ground Floor	640	working		
178	Firmel Chesel ¾"	27	Ground Floor	675	working		
179	Dovetail Chesel ½"	28	Ground Floor	840	working		
180	Mortise Gauge size 8""	10	Ground Floor	2750	working		
181	Marking Gauge (wooden)	9	Ground Floor	1350	working		
182	Bentch Vice 6" (Apex)	30	Ground Floor	106650	working	Transfer from COER SM/COER on dated March 03, 2021	
183	Carpentry Vice 9"	30	Ground Floor	67920	working		
184	Flat Basterd File 10"	81	Ground Floor	5265	working		
185	Triangular File 10"	23	Ground Floor	2530	working		
186	Squire Basterd File 10"	30	Ground Floor	2700	working		

187		Round Basterd File 10"	30	Ground Floor	900	working
188		Diamond File (Assorted)	10	Ground Floor	1250	working
189		Stake (Assorted)	3	Ground Floor	2100	working
190		Snip Straight Cutter 8"	28	Ground Floor	2100	working
191		Bend Snip Cutter 8"	30	Ground Floor	2850	working
192		Jack Planner 14"	28	Ground Floor	15400	working
193		STEEL ALMIRA, SIZE -77" X 36"	5	Ground Floor	20000	working
194		COMBINATION STONE size 6""	1	Ground Floor	110	working
195		RIP SAW , SIZE - 18"	5	Ground Floor	195	working
196		NEEDLE FILE, SIZE- 6 ½"	2	Ground Floor	180	working
197		PINCER , SIZE - 10"	2	Ground Floor	430	working
198		RASP FILE, SIZE - 10"	2	Ground Floor	492	working
199		DIVIDER, SIZE - 6"	5	Ground Floor	130	working
200		HALF ROUND FILE, SIZE - 12"	20	Ground Floor	7900	working
201		SURFACE GAUGE, SIZE - 12"	1	Ground Floor	130	working
202		L-KEY, SIZE - UP TO 10mm.	2 set	Ground Floor	260	working
203		TRY SQUARE, SIZE -12"	14	Ground Floor	2870	working
204		TAPE HANDLE (wrench), SIZE - 6TO 18mm	1	Ground Floor	445	working
205	Foundry & forging	Muffle furnace Temp. UP to 900 deg cSize 6"X6"X12" with digital temp controller	1	Ground Floor	19477	working
206		Polishing machine (double disc) disc Dia - 8" (200 mm)	1	Ground Floor	33774	working
207		Metallugphy Specimen mounty Press - 22X15m.m,30X15 mm , 45X18 mm	1	Ground Floor	43777	working
208		polishing belt Machine with single phase electric motor (belt sandu)	1	Ground Floor	18447	working
209		Gear Pattern	2	Ground Floor	3700	working
210		Flange Pattern	2	Ground Floor	3560	working
211		Step Pulley Pattern	2	Ground Floor	6320	working
212		Dumble Pattern	2	Ground Floor	2850	working
213		Steel Rammers (Round, Square, Peen)	6	Ground Floor	1440	working
214		Trowels (Rectangular, Long, Square)	5	Ground Floor	450	working

Transfer from
COER
SM/COER on
dated March 03,
2021

215	Bent wire without handle	4	Ground Floor	320	working
216	Strike off Bar	2	Ground Floor	1080	working
217	Yankee Lifter	2	Ground Floor	230	working
218	Sprue Cutter (Spur Pin)	2	Ground Floor	320	working
219	Draw Screw & Rappingplate in jig jag shaped	1	Ground Floor	3740	working
220	Hand Bellow	2	Ground Floor	1450	working
221	Wooden Mallet	4	Ground Floor	340	working
222	Smoother and Corner Slicks (Set of 7 peaces)	2 Set	Ground Floor	740	working
223	Shovel small (Hand shovel)	1	Ground Floor	310	working
224	Wooden Smoother	1	Ground Floor	25	working
225	Aluminum Smoother	1	Ground Floor	90	working
226	Runner and Riser Set	1	Ground Floor	145	working
227	Moulding Box (Cope & Drag)Size- 12"x12"x3"x3/16"	2	Ground Floor	2750	working
228	Moulding Box (Cope & Drag)Size- 12"x8"x3"x3/16"	1	Ground Floor	1265	working
229	Moulding Box (Single Piece)Size- 12"x12"x3"x3/16"	2	Ground Floor	1380	working
230	Graphite Crucible 20 No.	1	Ground Floor	745	working
231	Graphite Crucible 30 No.	2	Ground Floor	2150	working
232	Sprit Level	1	Ground Floor	99	working
233	Ladle Handle for 20 to 30No. Crucible	1	Ground Floor	2425	working
234	Ladle Handle for 30 to 40No. Crucible	1	Ground Floor	2480	working
235	Ladle 20 Kg.	1	Ground Floor	860	working
236	Sand Muller Cum MixerCapacity 40 kg. With Eclectic motor and starter	1	Ground Floor	74750	working
237	Model of Cupola Furnace	1	Ground Floor	10940	working
238	Oil Fired Tilting FurnaceCapacity 20 Kg. With Blower, Oil Tank & Stand.	1	Ground Floor	124000	working

Transfer from
COER
SM/COER on
dated March 03,
2021

239	Open Hearth Forge (Smithy Crucible) Size-600x600 for coal use	2	Ground Floor	87000	working
240	Cast Iron Anvil 50 Kg	2	Ground Floor	8900	working
241	Cast Iron Anvil 100Kg.	2	Ground Floor	17800	working
242	Anvil Stand for Anvil 50Kg.	2	Ground Floor	12880	working
243	Anvil Stand for Anvil 100Kg.	2	Ground Floor	10980	working
244	Cast Iron Swage BlockSize- 18"x18"x6"	1	Ground Floor	4650	working
245	Cast Iron Swage BlockSize- 12"x12"x4"	1	Ground Floor	18980	working
246	Punches (Round & Square 2 each)	4	Ground Floor	796	working
247	Hot Chisel with Handle	1	Ground Floor	355	working
248	Cold Chisel Flat withoutHandle	2	Ground Floor	650	working
249	Swage Set (Top & Bottom) Size- ½" & 5/8"	4	Ground Floor	4720	working
250	Set Hammer with Handle	2	Ground Floor	950	working
251	Shovel	1	Ground Floor	145	working
252	Poker	2	Ground Floor	230	working
253	Tongs of various typeslength 16" approx.	16	Ground Floor	3760	working
254	Drift (Round & Square)	7	Ground Floor	1393	working
255	Sledge Hammer withhandle 4 kg.	2	Ground Floor	1090	working
256	Sledge Hammer with Handle	2	Ground Floor	1260	working

Transfer from
COER
SM/COER on
dated March 03
2021

257	Steel Square Size 1" x 2"	2	Ground Floor	430	working
258	Steel Rule 12"	6	Ground Floor	288	working
259	Wire Gauge	2	Ground Floor	750	working
260	Spring calipers Size- 6",8" & 10"(1 each)	2 set	Ground Floor	384	working
261	Wing Campus (Size -10" & 12") (1 each)	3	Ground Floor	1155	working
262	Tinmen's scriber	2	Ground Floor	118	working
263	Centre Punch	6	Ground Floor	264	working
264	Chisel (drop forge)	3	Ground Floor	330	working
265	Grooving Stake	1	Ground Floor	4310	working
266	Sand Rammer to Prepare specimen	1	Ground Floor	13800	working
267	Tensile Core Box	1	Ground Floor	5450	working
268	Split Specimen Tube	1	Ground Floor	3940	working
269	Sand Washer to find outclay %	1	Ground Floor	14250	working
270	Rapid Moisture Tester toDetermine moisture %	1	Ground Floor	7980	working
271	Permeability Tester withAirtel Water Tank Manometer unit	1	Ground Floor	19900	working
272	Sand Siever to find out Afs (Fineness no.) withsieve	1	Ground Floor	37400	working
273	Mould Hardness Tester („B" scale)	1	Ground Floor	7200	working
274	Core Hardness Tester 0to 100	1	Ground Floor	8750	working
275	Universal Strength, Machine (Hydraulic) withGauge & compression pads.& its attachment	1	Ground Floor	50850	working
276	Shatter Index Tester to measure shatter index of moulding sand.	1	Ground Floor	22400	working

Transfer from
COER
SM/COER on
dated March 03
2021

277		Core Baking Oven 250 deg C Electrically Operated Inner 18" x 18" approx.	1	Ground Floor	44750	working
278	Material Testing Lab	Universal Testing Machine Computerized Capacity 1000kN. & its attachments	1	Ground Floor	1694060	working
279	3 rd semester	Impact Testing Machine for zod, Chary Test Digital.	1	Ground Floor	240638	working
280		Brinell cum Rockwell Hardness Tester	1	Ground Floor	72075	working
281		Torsion Testing Machine for 100Nm Capacity Digital Type.	1	Ground Floor	144150	working
282		Air blower	1	Ground Floor		working

Transfer from COER SM/COER on dated March 03, 2021

COMPUTER LABS

LAB 1 [COMPILER LAB, COMPUTER NETWORK LAB, DAA LAB, DATA STRUCTURE LAB]

S.No	Item Description	No of Equipment	Location Department	Value	Present Condition	Date of Purchase
1	HP Compaq 4000CPU	1	Ground Floor SoC/ Deptt of CSE	18400	Working	Transfer from COER SM/COER on dated March 03, 2021
2	HP Compaq 4300CPU	76	Ground Floor SoC/ Deptt of CSE	2053140	Working	
3	HP Compaq 6200CPY	1	Ground Floor SoC/ Deptt of CSE	24650	Working	
4	HP Compaq LE1902xTFT	1	Ground Floor SoC/ Deptt of CSE	5550	Working	
5	HP Compaq LV1911TFT	68	Ground Floor SoC/ Deptt of CSE	406980	Working	
6	HP Pro Display P191TFT	4	Ground Floor SoC/ Deptt of CSE	24000	Working	
7	HP V193 TFT	1	Ground Floor SoC/ Deptt of CSE	6000	Working	
8	HP V194 TFT	4	Ground Floor SoC/ Deptt of CSE	22800	Working	
9	Dlink DGS-1024D 24 Port Network Switch	4	Ground Floor SoC/ Deptt of CSE	40950	Working	
10	HP Laserjet 1020 Plus Laser jet Printer	1	Ground Floor SoC/ Deptt of CSE	9700	Working	
11	Epson LX300 +IIDMP Printer	1	Ground Floor SoC/ Deptt of CSE	6850	Working	
12	Sony VPL-DX140 Projector	1	Ground Floor SoC/ Deptt of CSE	40900	Working	
13	Eaton DX10000 HXL31 10KVA OnlineUPS	1	Ground Floor SoC/ Deptt of CSE	132000	Working	
14	EATON DX10000 HXL 10KVA OnlineUPS	1	Ground Floor SoC/ Deptt of CSE	123310	Working	

S.No	Item Description	No. of Equipment	LOCATION DEPARTMENT	Value	Present Condition
1	HP Compaq 4300 CPU Core i5@2.90GHZ/ 4GBx 1/500GB/Graphic card	1	First Floor Civil Engineering/ Mechanical Engineering	27015	working
2	HP Compaq 6200 CPU Core i5@3.30GHZ/2GBx 2/500GB/Graphic card	30	First Floor Civil Engineering/ Mechanical Engineering	739500	working
3	HP Elite Desk 800 G2 CPU Core i7/4GBx2/1TB	3	First Floor Civil Engineering/ Mechanical Engineering	123000	working
4	Lenovo Thinkcentre M82 CPU Core i5@3.20GHZ/ 4GBx1/ 500GB	2	First Floor Civil Engineering/ Mechanical Engineering	52800	working
5	Lenovo Thinkcentre M83 CPU Core i5@3.00GHZ/ 4GBx1/500GB	2	First Floor Civil Engineering/ Mechanical Engineering	63800	working
6	HP Compaq LE1902xTFT	29	First Floor Civil Engineering/ Mechanical Engineering	160950	working
7	HP Compaq LV1911TFT	2	First Floor Civil Engineering/ Mechanical Engineering	11970	working
8	HP V192 TFT	3	First Floor Civil Engineering/ Mechanical Engineering	24000	working
9	Lenovo LS1922wA TFT	6	First Floor Civil Engineering/ Mechanical Engineering	36000	working
10	Dlink DGS-1024D 24 Port Network switch	5	First Floor Civil Engineering/ Mechanical Engineering	38060	working
11	HP Laserjet P2035laser jet printer	1	First Floor Civil Engineering/ Mechanical Engineering	17774	working
12	Sony VPL EX-450 3600 Lumens Projector	1	First Floor Civil Engineering/ Mechanical Engineering	43400	working
13	EATON DX10000 HXL 10KVA Online UPS	1	First Floor Civil Engineering/ Mechanical Engineering	123310	working

LAB 3 [OOPS LAB,MAT LAB/WORDS WORTH ENGLISH LANGUAGE LAB]

S.No	Item Description	No of Equipment	Location Department	Value	Present Condition	Date of Purchase
1	HP Compaq 4000 CPU	40	Second Floor Dept. of ECE/English/ Mechanical Engineering	736000	working	
2	HP Compaq 4300 CPU	3	Second Floor Dept. of ECE/English/ Mechanical Engineering	81045	working	
3	HP Compaq 6200 CPU	2	Second Floor Dept. of ECE/ English/ Mechanical Engineering	49300	working	
4	HP Compaq 6300 CPU	1	Second Floor Dept. of ECE/ English/ Mechanical Engineering	23250	working	
6	HP Compaq LV1911TFT	3	Second Floor Dept. of ECE/ English/ Mechanical Engineering	17955	working	
7	HP LE1851w TFT	1	Second Floor Dept. of ECE/ English/ Mechanical Engineering	6000	working	
8	HP v185e TFT	42	Second Floor Dept. of ECE/ English/ Mechanical Engineering	205800	working	

10	D-link DGS-1024D 24 Port Network Switch	4	Second Floor Dept. of ECE/ English/ Mechanical Engineering	30448	working
11	HP Laserjet P2035 printer	1	Second Floor Dept. of ECE/ English/ Mechanical Engineering	17774	working
12	Sony VPL-DX140 Projector	1	Second Floor Dept. of ECE/ English/ Mechanical Engineering	40900	working
13	Eaton DX10000 HXL31 10KVA Online UPS	1	Second Floor Dept. of ECE/ English/ Mechanical Engineering	130000	working
14	EATON 9145 10Kin-XL Online UPS	1	Second Floor Dept. of ECE/ English/ Mechanical Engineering	132000	working

Lab -4 [C Programming lab, Computer Network Lab]

S.No	Item Description	No. Of Equipment	LOCATION DEPTT	VALUE	Present Condition	Date of Purchase
1	HP Compaq 4000 (CPU) Core 2duo @3.06GHZ/2GBx1/320 GB	72	(Third Floor)SoC	1324800	working	
2	HP Compaq 4300 (CPU) Core i5@2.90GHZ/4GBx1/50 0GB/Graphic card	1	(Third Floor)SoC	27015	working	
3	HP Compaq 6200 (CPU) Core i5@3.30GHZ/2GBx2/50 0GB/Graphic card	1	(Third Floor)SoC	24650	working	
5	HP Compaq LE1902x TFT	4	(Third Floor) SoC	22200	working	
6	HP Compaq LV1911 TFT	4	(Third Floor) SoC	23940	working	
7	HP v185e TFT	65	(Third Floor) SoC	318500	working	
8	HP 20wd Monitor TFT	1	(Third Floor) SoC	6000	working	
	Dlink DGS-1024D 24 Port Network switch	4	(Third Floor) SoC	30448	working	
10	Epson LX300 +II DMP Printer	4	(Third Floor) SoC	27400	working	
11	Sony VPL-DX140 Projector	1	(Third Floor) SoC	40900	working	
12	Eaton DX10000 HXL31 10KVA Online UPS	2	(Third Floor) SoC	264000	working	

**LAB 5 [COMPUTER GRAPHICS LAB, CBNST LAB, AUTOCAD(ENGINEERING DRAWINGLAB), C
Programming,IT LAB BBA, MS EXCEL LAB MBA]**

S.No	Item Description	No. of Equipment	Location Department	Value	Present Condition	Date of Purchase
1	HP Compaq 6300 CPU Core i5 @3.20 GHZ/ 4GBX1/ 500 GB	78	Fourth Floor	1813500	Working	
2	HP Compaq LV1911TFT	78	Fourth Floor	466830	Working	
3	Dlink DGS-1024D 24 Port Network switch	4	Fourth Floor	22960	Working	
4	HP Laserjet P2035 Laserjet Printer	1	Fourth Floor	17774	Working	
5	Epson LX300 +II DMP Printer	4	Fourth Floor	27400	Working	
6	Sony VPL-DX140 Projector	1	Fourth Floor	40900	Working	
7	EATON DX 10000HXL/LCD 10KVA Online UPS	2	Fourth Floor	244800	Working	

Lab 7(Data structure lab, Java Lab, DBMS lab)

S.No	Item Description	No of Equipment	Location Department	Value	Present Condition	Date of Purchase
1	Lenovo Thinkcentre M83	69	Second Floor	2201100	working	
2	Lenovo LS1922wA	67	Second Floor	402000	working	
3	Lenovo E1922wD	1	Second Floor	6000	working	
4	Lenovo E2054A	1	Second Floor	6000	working	
5	Total TFT	69	Second Floor		working	
6	EPSON 300 -II	2	Second Floor	13700	working	
7	Dlink DGS-1024D 24 Port	4	Second Floor	30028	working	
8	Sony VPL-DX142	1	Second Floor	38100	working	

9	EATON 9145 10Kin-XL10KVA	1	Second Floor	131390	working	
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[Lab 8 - C++ Lab, Data Structure lab]

S.No	Item Description	No of Equipment	Location Department	Value	Present condition	Date of Purchase
1	HP Compaq 4000	43	First Floor	791200	working	
2	HP EliteDesk 800 G2	2	First Floor	82000	working	
3	Lenovo ThinkcentreM82	1	First Floor	26400	working	
4	Lenovo ThinkcentreM83	6	First Floor	191400	working	
5	HP Compaq LV1911	1	First Floor	5985	working	
6	HP V192	2	First Floor	16000	working	
7	Lenovo LS1922wA	7	First Floor	42000	working	
8	HP LE1851w	11	First Floor	66000	working	
9	HP v185e	31	First Floor	151900	working	
10	D-link DGS-1024D 24 Port	3	First Floor	23859	working	
11	EPSON LX300 +II DMP	1	First Floor	6850	working	
12	EPSON LX310 DMP	2	First Floor	15300	working	
13	Sony VPL-DX142	1	First Floor	38100	working	
14	EATON 9145 10Kin-XL 10KVA	1	First Floor	131390	working	

COMPUTER CENTER (Android Programming Lab, Big DATA lab, Project lab)

Sr. No	Item Description	Quantity	Location / Department	Value	Present Condition	Date of Purchase
1	HP EliteDesk 800 G2	178	Ground Floor	7298000	working	
2	HP V192	178	Ground Floor	1424000	working	
3	Cisco SG 300 48 Port	5	Ground Floor	159860	working	
4	EPSON LX310 DMP	4	Ground Floor	30600	working	
5	Sony VPL-EX310	1	Ground Floor	46500	working	
6	Eaton 914515KinXL3115KVA	3	Ground Floor	706500	working	

CISCO | NETWORK CERTIFICATION LAB, CLOUD COMPUTING LAB

S.No	ITEM DESCRIPTION	No of Equipments	LOCATION DEPARTMENT	VALUE	Prsent Condition	Date of Purchase
1	HP Compaq 4300 Core i5@2.90GHZ/4GBx1/500GB/Graphic card CPU	2	Third Floor	54030	working	
2	Lenovo Thinkcentre M82 Core i5@3.20GHZ/4GBx1/500GB CPU	1	Third Floor	26400	working	
3	Lenovo Thinkcentre M83 Core i5@3.00GHZ/4GBx1/500GB CPU	7	Third Floor	223300	working	
4	HP Compaq LE1902xTFT	1	Third Floor	5550	working	
5	Lenovo LS1922wA TFT	7	Third Floor	42000	working	
6	HP v185e TFT	1	Third Floor	4900	working	
7	Lenovo E1922wD TFT	1	Third Floor	6000	working	
8	Lenovo M810z Core i78GB/1TB/21.5/windows 10 Prof 64 bit	9	Third Floor	621000	working	
9	EATON 9145 10Kin-XL 10KVA Online UPS	1	Third Floor	131500	working	

Name of Lab: Basic Electronics Engg Lab

S.No	ITEM DESCRIPTION	NO. OF EQUIPMENT	LOCATION DEPARTMENT	VALUE (INRS.)	PRESENT CONDITION	DATE OF PURCHASE
1	30 MHz CRO	10	Fourth Floor	1,75,000.00	Working	
2	Digital Multimeter	10	Fourth Floor	18000	Working	
3	Digital trainer Kit	10	Fourth Floor	74000	Working	
4	Digital Voltmeter(0-20)	10	Fourth Floor	9000	Working	
5	Digital Ammeter (0-200 microamp)	10	Fourth Floor	9000	Working	
6	Digital Ammeter(0-200 milliamp)	10	Fourth Floor	9000	Working	18/08/2011
7	Transistor characterstic kit	6	Fourth Floor	31200	Working	18/08/2011
8	Digital gate kit	6	Fourth Floor	15600	Working	18/08/2011

Name of the Laboratory :Digital Electronics Engg Lab

Sl. No	ITEM DESCRIPTION	NO. OF EQUIPMENT	LOCATION DEPARTMENT	VALUE (INRS.)	PRESENT CONDITION	DATE OF PURCHASE
1	Digital Trainer kit	15	Third Floor	1,47,000.00	Working	
2	IC Tester	2	Third Floor	51,200.00	Working	
3	3 1/2 digit Digital Multimeter	5	Third Floor	13,000.00	Working	
4	30 MHz 4 channel dual trace CRO	5	Third Floor	91,250.00	Working	

Name of the Laboratory :Microprocessor Lab

Sl. No	ITEM DESCRIPTION	NO. OF EQUIPMENT	LOCATION DEPARTMENT	VALUE (INRS.)	PRESENT CONDITION	DATE OF PURCHASE
1	8085 Microprocessor kit	25	Third Floor (SOC)	2,00,000.00	Working	Transfer from COER SM/COER on dated March 03, 2021
2	8255 study card	5	Third Floor (SOC)	11,000.00	Working	
3	Stepper motor controller card	5	Third Floor (SOC)	13,500.00	Working	
4	Traffic light controller card	5	Third Floor (SOC)	9,000.00	Working	
5	8086 Microprocessor kit	15	Third Floor (SOC)	1,20,000.00	Working	
6	ADC Interface card	5	Third Floor (SOC)	7,750.00	Working	
7	DAC Interface card	5	Third Floor (SOC)	7,750.00	Working	

Basic Electrical Engineering Lab

SR.NO.	ITEM DESCRIPTION	NO. OF EQUIPMENTS	LOCATION DEPARTMENT	VALUE (IN RS.)	PRESENT CONDITION	Date of purchase
1	DIGITAL MULTIMETER (VAR)	2	FOURTH FLOOR	36,00	WORKING	Transfer from COER SM/COER on dated March 03, 2021
2	MAXIMUM POWER TRANSFER THREOM TRAINER KIT	1	FOURTH FLOOR	3875	WORKING	
3	NETWORK THEOREM TRAINER KIT	1	FOURTH FLOOR	4,500	WORKING	
4	LCR SERIES AND PARALLEL CIRCUITKIT	1	FOURTH FLOOR	2,825	WORKING	
5	PANEL FOR STUDYING SINGLEPHASE ENERGY METER.	1	FOURTH FLOOR	13,750	WORKING	

6	POWER MEASUREMENT BY 2 WATT METER METHOD	1	FOURTH FLOOR	21500	WORKING	Transfer from COER SM/COER on dated March 03, 2021
7	LAMP LOAD 1 KW	1	FOURTH FLOOR	4,450	WORKING	
8	SINGLE PHASE VARIAC 250 VOLT 10A	2	FOURTH FLOOR	2,8000	WORKING	
9	POWER FACTOR METER	1	FOURTH FLOOR	3,100	WORKING	
10	WATTMETER (LPF)(0-75 DIVISIONS), WATTMETER (UPF) (0-200 DIVISIONS), LPF, (0-15 DIVISIONS)	3	FOURTH FLOOR	4,500	WORKING	
11	PANEL FOR OC & SCTEST ON SINGLE PHASE TRANSFORMER	1	FOURTH FLOOR	27350	WORKING	
12	PANEL FOR RUNNING & REVERSAL ON SINGLE PHASE INDUCTION MOTOR	1	FOURTH FLOOR	19500	WORKING	
13	RLC CIRCUITS KIT.	1	FOURTH FLOOR	12,700	WORKING	
14	PANEL FOR TEST ON SINGLE PHASE TRANSFORMER	1	FOURTH FLOOR	27,350	WORKING	
15	AF OSCILLATOR	2	FOURTH FLOOR	13336	WORKING	
16	PANEL FOR TEST ON SINGLE PHASE INDUCTION MOTOR	1	FOURTH FLOOR	19,500	WORKING	
17	PANEL FOR MEASURING POWER IN 3 PHASE CIRCUIT	1	FOURTH FLOOR	21,500	WORKING	

IOT LAB [RESEARCH LAB]

S.N O.	Item Description	No of Equipments	Location Deptt	Value	Present Condition	Date of purchase
1	Arduino Uno Rev3	05	Third Floor	Rs. 7542.45	working	Transfer from COER SM/COER on dated March 03, 2021
2	Arduino Mega 2560 Rev3	05	Third Floor	Rs. 16504.72	working	
3	Arduino Mega ADK Rev3	03	Third Floor	Rs. 14997.17	working	
4	Arduino Due	02	Third Floor	Rs. 7581.04	working	
5	Arduino Robot (EU Plug)	01	Third Floor	Rs. 23808.57	working	
6	Arduino Wireless SD Shield	04	Third Floor	Rs. 10136.79	working	

7	Arduino ETHERNET Shield 2	03	Third Floor	Rs. 7106.16	working
8	Arduino Ethernet Rev3 w/o PoE	03	Third Floor	Rs. 12282.86	working
9	Arduino Starter Kit (Arduino)	05	Third Floor	Rs. 36962.09	working
10	Pololu 3pi Robot	03	Third Floor	Rs. 26883.96	working
11	Arduino Uno Wi-Fi	03	Third Floor	Rs. 10234.12	working
12	Genuino zero	05	Third Floor	Rs. 17900.00	working
13	Relay Shield V3.0	03	Third Floor	Rs. 5257.82	working
14	2.8" TFT Touch shieldfor Arduino w/capacitive	01	Third Floor	Rs. 8111.32	working
15	Adafruit Motor/Stepper/Servo shield Arduino V2 kit	03	Third Floor	Rs. 5374.53	working
16	Arduino ISP	01	Third Floor	Rs. 3693.84	working
17	Arduino Industrial 101	01	Third Floor	Rs. 3790.52	working
18	Arduino GSM Shield 2 (integrated antenna)	03	Third Floor	Rs. 22854.30	working
19	1 Shield – Replace	01	Third Floor	Rs.9712.38	working
	Arduino shield w/Smartphone		Third Floor		
20	Arduino 9 axes motion shield	02	Third Floor	Rs. 5140.95	working
21	Adafruit NeoPixel shield for Arduino- 40RGB LED	02	Third Floor	Rs. 5045.71	working
22	Adafruit FONA 808-GSM +GPS Shield forArduino	02	Third Floor	Rs.10045.50	working
23	Adafruit Ultimate GPS Logger Shield w/Module	02	Third Floor	Rs. 9054.72	working
24	Arduino USB Host Shield	02	Third Floor	Rs. 4760.00	working
25	Bluetooth 4.0 Low Energy - BLE Shield v2.1	03	Third Floor	Rs. 7140.00	working
26	Easy VR Shield 3.0 –Voice Recognition Shield	01	Third Floor	Rs. 4904.72	working

Transfer from COER
SM/COER on dated
March 03, 2021

27	PN532 NFC/RFID Shield for Arduino	01	Third Floor	Rs. 3600.95	working
28	Spark Fun Crypto Shield	01	Third Floor	Rs. 5427.62	working
29	Shield Bot	01	Third Floor	Rs. 6189.52	working
30	Spark Fun Wi-Fi Shield ESP8266	02	Third Floor	Rs. 2733.96	working
31	Speech Synthesis Shield For Arduino	01	Third Floor	Rs. 4094.29	working
32	Weather Shield	01	Third Floor	Rs. 3553.55	working
33	Weather Meters	01	Third Floor	Rs. 7168.87	working
34	XBee2mW wire Antenna – Series2(ZB)	04	Third Floor	Rs. 5656.60	working
35	RN-XV Wi-Fi Module – Wire Antenna	02	Third Floor	Rs. 7545.28	working
36	Spark fun RFM69 Breakout (434MHz)	02	Third Floor	Rs. 2083.41	working
37	Xbee Explorer USB Dongle	02	Third Floor	Rs. 4583.02	working
38	Analog pH Meter kit	01	Third Floor	Rs. 2734.91	working
39	Analog ORP Meter V1.0	01	Third Floor	Rs. 8094.29	working
40	Analog Electrical Conductivity Meter-Temp Comp	01	Third Floor	Rs. 8017.92	working
41	Gravity Analog Turbidity Sensor	01	Third Floor	Rs. 895.29	working
42	Arduino Project Enclosure	04	Third Floor	Rs. 3392.45	working
43	Arduino and Breadboard Holder	10	Third Floor	Rs. 3038.10	working
44	Jumper Wire Premium 30 cm- M/M, F/M, F/F(PACK OF 10)	10+10+10 (consumable)	Third Floor	Rs.3042.45	working
45	LED Assorted Pack of10	10(consumable)	Third Floor	Rs. 357.14	working
46	Breadboard Clear Self –Adhesive 150 tiepoint	10(consumable)	Third Floor	Rs. 1886.26	working
47	Mini Thermal Receipt Printer Starter Pack	01	Third Floor	Rs. 5659.43	working

Transfer from COER SM/COER on dated March 03, 2021

48	PM2.5 Sensor Module – Laser Sensing	01	Third Floor	Rs. 4244.34	working
49	Analog UV Light Sensor Breakout –GUVA- S12SD	01	Third Floor	Rs. 567.77	working
50	Grove –Gas Sensor (O2)	01	Third Floor	Rs. 5093.40	working
51	Analog Gas Sensor (MQ4)	01	Third Floor	Rs. 659.43	working
52	Analog Hydrogen GasSensor (MQ8)	01	Third Floor	Rs. 942.45	working
53	Pololu Carrier for MQ Gas Sensor (Bare PCB Only)	10	Third Floor	Rs. 843.60	working
54	Grove – multichannel Gas Sensor	01	Third Floor	Rs. 4150.00	working
55	Grove Starter Kit for Arduino & Genuino101	01	Third Floor	Rs. 4716.04	working
56	Base Shield V2	03	Third Floor	Rs. 848.11	working
57	Genuino 101	01	Third Floor	Rs. 3772.65	working
58	Grove – Ear-Clip Heart sensor	01	Third Floor	Rs. 1131.13	working
59	Grove – Infrared Emitter	01	Third Floor	Rs. 329.25	working
60	Grove – Infrared Receiver	01	Third Floor	Rs. 329.25	working
61	Grove – Infrared Temperature Sensor	01	Third Floor	Rs. 942.45	working
62	Grove – EMG Detector	01	Third Floor	Rs. 3536.79	working
63	Grove – GSR Sensor	01	Third Floor	Rs. 942.45	working
64	Grove – Dust Sensor	01	Third Floor	Rs. 1508.49	working
65	Grove – Water Atomization v1.0	01	Third Floor	Rs. 1420.85	working
66	Grove – Air Quality Sensor v1.3	01	Third Floor	Rs. 942.46	working
67	Grove – Loudness sensor	01	Third Floor	Rs. 565.09	working
68	Grove – HCHO Sensor	01	Third Floor	Rs. 1427.62	working
69	Grove – 12 C Motor Driver	01	Third Floor	Rs. 1522.86	working
70	Grove – 12 C Touch Sensor	01	Third Floor	Rs. 1570.48	working

Transfer from COER
SM/COER on dated
March 03, 2021

71	Grove – IMU 9DOF	01	Third Floor	Rs. 3427.62	working	Transfer from COER SM/COER on dated March 03, 2021
72	Grove – 4 Digit Display	01	Third Floor	Rs. 570.47	working	
73	Grove – Recorder V3.0	01	Third Floor	Rs. 2310.38	working	
74	Grove – Slide Potentiometer	01	Third Floor	Rs. 522.86	working	
75	Grove – Barometer (High Accuracy)	01	Third Floor	Rs. 2357.55	working	
76	Grove – LoRa Radi0 433MHz	02	Third Floor	Rs. 4337.74	working	
77	Grove – Speaker	01	Third Floor	Rs. 662.56	working	
78	Grove – Speech Recognizer	01	Third Floor	Rs. 2357.55	working	
79	Grove – Water Sensor	01	Third Floor	Rs. 257.14	working	
80	Grove – Temp & Humidity Sensor	01	Third Floor	Rs. 565.09	working	
81	CMU cam v5-Pixy	01	Third Floor	Rs. 8442.45	working	
82	Simple link Wi-Fi CC 3200 Launch Pad	05.	Third Floor	Rs. 17530.80	working	
83	1 shield + For Arduino & IOS	01.	Third Floor	Not in bill	working	
84	Make getting Started With Arduino 3 rd Edition (book)	02.	Third Floor	Rs. 850.00	working	

LIST OF COMPONENTS of WIRELESS SENSOR NETWORK LAB

S.N.	Item Description	No of Equipments	Location Deptt	Value	Present Condition	Date of purchase
1	Radio Module with Integrated Antenna	30	IoT Lab	Rs 472500/=	working	Transfer from COER SM/COER on dated March 03, 2021
2	WiFi Gateway Module	02	IoT Lab		working	
3	USB Gateway Module	10	IoT Lab		working	
4	TL Sensor Module(Temp& Light)	20	IoT Lab		working	
5	HTP Sensor Module (Humidity, Temp,Pressure)	02	IoT Lab		working	
6	Extender	02	IoT Lab		working	
7	Associated software tool chain (CD)	01	IoT Lab		working	

CIVIL ENGINEERING DEPARTMENT

BUILDING MATERIAL LAB

S. No	Item Description	Qty	Location	Price	Present condition	Date of purchase
1	Vicat App.	1	Ground Floor Civil Lab	1,920	working	Transfer from COER SM/COER on dated March 03, 2021
2	Le - Chatelier App.	5	Ground Floor Civil Lab	360	working	
3	Compression Testing Machine	1	Ground Floor Civil Lab	160,000	working	
4	Tensile Strength Testing App.	1	Ground Floor Civil Lab	64,000	working	
5	Air Permeability App.	1	Ground Floor Civil Lab	3,600	working	
6	Slump Test App.	2	Ground Floor Civil Lab	1680	working	
7	Compaction Factor App.	1	Ground Floor Civil Lab	12000	working	
8	Concrete Cube Mould(150mm)	15	Ground Floor Civil Lab	1440	working	
9	Cement Cube Mould (70.6 mm)	15	Ground Floor Civil Lab	640	working	
10	Cylindrical Mould	10	Ground Floor Civil Lab	2560	working	
11	Concrete Mixer	1	Ground Floor Civil Lab	44000	working	
12	Flexure Testing Machine	1	Ground Floor Civil Lab	88000	working	
13	Vibrating Table	1	Ground Floor Civil Lab	30400	working	
14	90 micron Sieve 200 mm Dia	3	Ground Floor Civil Lab	710	working	
15	Tensile mould	7	Ground Floor Civil Lab	820	working	
16	spanner (miscellaneous)	9	Ground Floor Civil Lab	47	working	
17	G.I tray (2×1) feet	6	Ground Floor Civil Lab	515	working	
18	Flexure strength mould (50×10×10)cm	20	Ground Floor Civil Lab	2080	working	

GEOTECHNICAL LAB

S. No	Item Description	Qty	Location	Price	Present condition	Date of purchase
1	Standard Sieve (200mm dia)	2 set	Ground Floor Civil Lab	3867.5	working	Transfer from COER SM/COER on dated March 03, 2021
2	Standard Sieve (300 mm dia)	2 set	Ground Floor Civil Lab	2677	working	
3	Sieve Shakar	1	Ground Floor Civil Lab	23800	working	
4	300 mm dia adopter	1	Ground Floor Civil Lab	3570	working	

5	Timer for sieve shaker	1	Ground Floor Civil Lab	2720	working
6	Hot Air Oven	2	Ground Floor Civil Lab	11900	working
7	Rapid Moisturemeter	1	Ground Floor Civil Lab	5270	working
8	pycnometer	9	Ground Floor Civil Lab	552.5	working
9	Hydrometer	5	Ground Floor Civil Lab	2040	working
10	Hydrometer Glass Jar	5	Ground Floor Civil Lab	1870	working
11	Core cutter	6	Ground Floor Civil Lab	2210	working
12	Sand pouring Cylinder	3	Ground Floor Civil Lab	2380	working
13	Liquid Limit App.	7	Ground Floor Civil Lab	3230	working
14	Plastic Limit App.	5	Ground Floor Civil Lab	1785	working
15	Shrinkage Limit App.	2	Ground Floor Civil Lab	2380	working
16	Compaction Mould (100×127.3)	1	Ground Floor Civil Lab	3400	working
17	Compaction Mould (150×127.3)	1	Ground Floor Civil Lab	4250	working
18	Liquid Limit Cone Penetration	1	Ground Floor Civil Lab	6800	working
19	Compaction Rammer (wt.2.6 kg)	1	Ground Floor Civil Lab	1700	working
20	Compaction Rammer (wt.4.8 kg)	1	Ground Floor Civil Lab	2040	working
21	Universal Combination Permeameter	1	Ground Floor Civil Lab	40800	working
22	Unconfined compression App.	1	Ground Floor Civil Lab	80750	working
23	Direct Shear App.	1	Ground Floor Civil Lab	102000	working
24	Triaxial Shear App.	1	Ground Floor Civil Lab	72250	working
25	Triaxial cell	1	Ground Floor Civil Lab	23800	working
26	Proving Ring	1	Ground Floor Civil Lab	11900	working
27	Dial Gauge(0.01 X 25 mm)	2	Ground Floor Civil Lab	2380	working
28	Pore Water Pressure App.	2	Ground Floor Civil Lab	28900	working
29	Lateral Pressure Assembly	1	Ground Floor Civil Lab	12325	working
30	Consolidation App.	1	Ground Floor Civil Lab	38250	working

Transfer from COER SM/COER on dated March 03, 2021

31	Digital Balance (cap 6 kg)	1	Ground Floor Civil Lab	13600	working
32	Digital Balance (cap 3 kg)	1	Ground Floor Civil Lab	15300	working
33	Digital Balance (cap 30 kg)	1	Ground Floor Civil Lab	11900	working
34	Infrared Moisture Meter	1	Ground Floor Civil Lab	28900	working
35	SPT Split Spoon Sampler	1	Ground Floor Civil Lab	6800	working
36	SPT Guid Pipe Assembly	1	Ground Floor Civil Lab	11200	working
37	SPT Tripod Stand	1	Ground Floor Civil Lab	21600	working
38	SPT Extension Rod (0.5m)	1	Ground Floor Civil Lab	1650	working
39	SPT Extension Rod (1.5m)	1	Ground Floor Civil Lab	2560	working
40	Coupling	1	Ground Floor Civil Lab	520	working
41	Drop Hammer	1	Ground Floor Civil Lab	11900	working
42	Static Cone	1	Ground Floor Civil Lab	616250	working
43	Air Tight Container	10	Ground Floor Civil Lab	212.5	working
44	Hammer	1	Ground Floor Civil Lab	local purchase	working

HYDRAULIC & HYDRAULIC MACHINE

S. No	Item Description	Qty	Location	Price	Present condition	Date of purchase
1	Tilting Flume	1	Ground Floor Civil Lab	176022	working	Transfer from COER SM/COER on dated March 03, 2021
2	pitot tube	1	Ground Floor Civil Lab	8700	working	

FLUID MECHANICS LAB

S. No	Item Description	Qty	Location	Price	Present condition	Date of purchase
1	Bernoulli's Theorem App.	1	Ground Floor Civil Lab	55643	working	Transfer from COER SM/COER on dated March 03, 2021
2	Pittot Tube App.	1	Ground Floor Civil Lab	63347	working	
3	Discharge Over Notch App.	1	Ground Floor Civil Lab	55643	working	
4	Impact of Jet App.	1	Ground Floor Civil Lab	55643	working	
5	Metacentric Height App.	1	Ground Floor Civil Lab	26753	working	
6	Venturimeter & Orificemeter App.	1	Ground Floor Civil Lab	57569	working	
7	Boundary Layer App.	1	Ground Floor Civil Lab	104202	working	
8	Reynolds's No. App.	1	Ground Floor Civil Lab	42780	working	
9	Loss due to Friction Pipe App.	1	Ground Floor Civil Lab	63780	working	

HIGHWAY / TRANSPORTATION LAB

S. No	Item Description	Qty	Location	Price	Present condition	Date of purchase
1	Aggregate Impact App.	1	Ground Floor Civil Lab	7600	working	Transfer from COER SM/COER on dated March 03, 2021
2	Loss Angels Abration App.	1	Ground Floor Civil Lab	57600	working	
3	Aggregate Crushing App.	1	Ground Floor Civil Lab	5760	working	
4	Universal Penetrometer	2	Ground Floor Civil Lab	20800	working	
5	Ductility Testing App.	1	Ground Floor Civil Lab	30400	working	
6	Ring & Ball App.	2	Ground Floor Civil Lab	5450	working	
7	Cleveland Flash & Fire App.	2	Ground Floor Civil Lab	14800	working	
8	Standard Tar Viscometer	1	Ground Floor Civil Lab	14000	not working	
9	Marshal App.	1	Ground Floor Civil Lab	76000	not working	
10	Density Basket	1	Ground Floor Civil Lab	1440	working	Transfer from COER SM/COER on dated March 03, 2021
11	Thickness Gauge	1	Ground Floor Civil Lab	640	working	

12	Length Gauge	1	Ground Floor Civil Lab	640	working	
13	Standard Sieve (450 mm dia)	1set	Ground Floor Civil Lab	3840	working	
14	Standard Sieve (200 mm dia)	1	Ground Floor Civil Lab	3920	working	
15	1.7mm Sieve 200 mm Dia	1	Ground Floor Civil Lab	350	working	
16	heater	1	Ground Floor Civil Lab	1260	working	
17	Pan for bitumin	2	Ground Floor Civil Lab	220	working	
18	Steel griper	1	Ground Floor Civil Lab	80	working	
19	spanner	2	Ground Floor Civil Lab	160	working	
20	lather gloves	4	Ground Floor Civil Lab	380	working	
21	cooler water pump	1	Ground Floor Civil Lab	600	working	

STRUCTURE LAB

S. No	Item Description	Qty	Location	Price	Present condition	Date of purchase
1	One Side Overhanging Beam	1	Ground Floor Civil Lab	22750	working	Transfer from COER SM/COER on dated March 03, 2021
2	Simply supported Beam	1	Ground Floor Civil Lab	22750	working	
3	Curve Member Beam	1	Ground Floor Civil Lab	22750	working	
4	Three Hinged Arch	1	Ground Floor Civil Lab	35000	working	
5	Column & Struts App.	1	Ground Floor Civil Lab	34125	working	
6	Two Hinged Arch	1	Ground Floor Civil Lab	31500	working	
7	Pin Joint Truss App.	1	Ground Floor Civil Lab	32813	working	
8	Unsymmetrical Bending App.	1	Ground Floor Civil Lab	32813	working	
9	Elastically Couple Beam App.	1	Ground Floor Civil Lab	27500	working	
10	Redundant Joint App.	1	Ground Floor Civil Lab	26000	working	
11	Dial gauge	14	Ground Floor Civil Lab	950	working	
12	weight sets	3 sets	Ground Floor Civil Lab	2000	working	

BASIC SURVEY LAB

S. No	Item Description	Qty	Location	Price	Present condition	Date of purchase
1	Measuring Tape	6	Civil lab	6250	Working	Transfer from COER SM/COER on dated March 03, 2021
2	Automatic Level	1	Civil lab	38000	working	
3	Leveling Staff	5	Civil lab	5250	working	
4	Tilting Level		Civil lab	9500	working	

5	Telescope Alidade	1	Civil lab	14000	working
6	Plane Alidade	5	Civil lab	6000	working
7	Vernier Theodolite	5	Civil lab	102500	working
8	Prismatic Compass	5	Civil lab	20000	working
9	Survey Umbrella	2	Civil lab	6400	working
10	Free Man Measuring Wheel	1	Civil lab	3000	working
11	Dumpy Level	5	Civil lab	45000	working
12	Aerial Photograph (B&W)	5	Civil lab	4500	working
13	Aerial photograph (coloured)	5	Civil lab	6250	working
14	Pocket Stereoscope	5	Civil lab	4500	Working
15	Microoptic theodolite(P.I.E.)	1	Civil lab	115000	working
16	Survey Chain 30m	5	Civil lab	5000	working
17	Plane table with Accessories(1. compass2.u- Fork 3.plumbob 4.Alidade 5.sprit level)	5	Civil lab	30000	working
18	Plumb bob	5	Civil lab	750	working
19	Survey Arrow	25	Civil lab	1250	working
20	Ranging Rod	20	Civil lab	8500	working
21	Conventional Symbol Chart	1	Civil lab	600	working
22	Topographical Sheets	5	Civil lab	1500	working

ADVANCE SURVEYING LAB

S. N.	Item Discription	No. of equipments	Location Department	Value (In RS)	Present Condition	Date of purchase
1	Micro-optic Theodolite pmt-1001 with tripod	1	Civil Lab	115000	Working	Transfer from COER SM/COER on dated March 03, 2021
2	Total Station (nikkon)	1	Civil Lab	270000	working	
3	Total Station (Sokkia)	1	Civil Lab	401800	working	
4	Hand help G.P.S.	1	Civil Lab	12000	working	
5	Trimble R3 G.P.S.	1	Civil Lab	622500	working	
6	Mirror Stereo Scope 2/2(Aimil)	2	Civil Lab	43160	working	
7	Parallax Bar(AIMIL)	2	Civil Lab	9960	working	

8	Spirit Level	1	Civil Lab	120	working	
9	Through Compass	1	Civil Lab	140	working	
10	Mirror Stereoscope	1	Civil Lab	14000	working	
11	Parallax bar	1	Civil Lab	10000	working	
12	Pilanimeter	1	Civil Lab	1550	working	
13	Parallax Bar(P.I.E.)	1	Civil Lab	10000	working	

ENVIRONMENTAL LAB

1	Turbidity meter	1	Chemistry lab	5500	working	Transfer from COER SM/COER on dated March 03, 2021
2	Digital Spectrophotometer	1	Chemistry lab	30500	working	
3	Conductivity Meter	1	Chemistry lab	4500	working	
4	Ph METER	1	Chemistry lab	3800	working	
5	Titration setup	2	Chemistry lab	2550	working	
6	D.o meter	1	Chemistry lab	7500	working	
7	Bod incubator	1	Chemistry lab	25640	working	
8	Cod digestion App	1	Chemistry lab	23500	working	

QUANTITY SURVEYING LAB

1	Measuring Tape	6	Civil lab	6250	Working	
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STRUCTURAL DETAILING LAB (Staad Pro Lab)

1	Staad Pro	40 PC	Civil Lab/Mechanical /Architecture	In Progress	Working	
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AUTOCAD LAB

1	Autocad / RevitSoftware	40	Civil Lab/Mechanical /Architecture	Free licence (Autodesk)	Working	
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