

CHEMISTRY LAB

S. No.	Equipment Name	Qty.	Rate	Cost	Make	Date of Purchase	Whether in working condition
1	Electronic balance	2	Rs. 6,000.00	Rs. 12,000.00	Singla Scientific ind.	8/9/2007	YES
2	Hot air Oven	2	Rs. 7,000.00	Rs. 14,000.00	Singla Scientific ind.	8/9/2007	YES
3	Stalagmometer	15	Rs. 540.00	Rs. 2,875.00	Gaur Scientific Works	11/4/2007	YES
4	Ostwald's Viscometer	10	Rs. 75.00	Rs. 750.00	Gaur Scientific Works	11/4/2007	YES
5	China Dish	10	Rs. 36.00	Rs. 360.00	Punjab Instruments Co.	12/3/2007	YES
6	G. M. Digital Counter	2	Rs. 40,400.00	Rs. 80,800.00	Gaur Scientific Works	8/3/2007	YES
7	Conical Flask	50	Rs. 36.00	Rs. 1,800.00	Punjab Instruments Co.	12/3/2007	YES
8	Fractional weight box	6	Rs. 250.00	Rs. 15,000.00	Punjab Instruments Co.	12/3/2007	YES
9	Glass Funnel	20	Rs. 20.00	Rs. 400.00	Singla Scientific ind.	8/9/2007	YES
10	Graduated pipette	20	Rs. 17.00	Rs. 340.00	Singla Scientific ind.	8/9/2007	YES
11	Glass Rod	20	Rs. 1.75	Rs. 35.00	Singla Scientific ind.	8/9/2007	YES
12	Glass Tube	5	Rs. 400.00	Rs. 2,000.00	Punjab Instruments Co.	12/3/2007	YES
13	Manual Balance	6	Rs. 1,050.00	Rs. 6,300.00	Punjab Instruments Co.	12/3/2007	YES
14	Glass Bottle	6	Rs. 175.00	Rs. 1,050.00	Singla Scientific ind.	8/9/2007	YES
15	Magnetic Stirrer	1	Rs. 1,250.00	Rs. 1,250.00	Singla Scientific ind.	8/9/2007	YES
16	Stop Watch	10	Rs. 650.00	Rs. 6,500.00	Singla Scientific ind.	8/9/2007	YES
17	Petri Dish	18	Rs. 55.00	Rs. 990.00	Singla Scientific ind.	8/9/2007	YES

18	Rubber Glove	5	Rs. 35.00	Rs. 175.00	Singla Scientific ind.	8/9/2007	YES
19	Reagent Bottle	108	Rs. 18.75	Rs. 2,025.00	Singla Scientific ind.	8/9/2007	YES
20	Rubber Bubble	10	Rs. 5.50	Rs. 55.00	Singla Scientific ind.	8/9/2007	YES
21	Spatulas	10	Rs. 8.00	Rs. 80.00	Singla Scientific ind.	8/9/2007	YES
22	Tongs	2	Rs. 125.00	Rs. 250.00	Singla Scientific ind.	8/9/2007	YES
23	Wire Gauge	36	Rs. 6.00	Rs. 216.00	Punjab Instruments Co.	12/3/2007	YES
24	Sand Bath	36	Rs. 20.00	Rs. 720.00	Punjab Instruments Co.	12/3/2007	YES
25	Volumetric Flasks	4	Rs. 125.00	Rs. 500.00	Singla Scientific ind.	8/9/2007	YES
26	Redwood Viscometer	5	Rs. 14,470.00	Rs. 72,350.00	Gaur Scientific Works	8/3/2007	YES
27	Seybolt Viscometer	5	Rs. 13,470.00	Rs. 67,350.00	Gaur Scientific Works	8/3/2007	YES
28	Pensky-Marten's Flash Print Apparatus	5	Rs. 9,235.00	Rs. 46,175.00	Gaur Scientific Works	8/3/2007	YES
29	Digital Spectrophotometer	2	Rs. 28,575.00	Rs. 57,150.00	Gaur Scientific Works	8/3/2007	YES

**Rs.
3,93,496.00**

List of Glassware/Others:

S. No.	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date of Purchase	Wheteher in working condition
1.	Beaker 50ml 'PERFIT'	20	40.00	800	Gupta Scientific industries	05/06/2010	YES
2.	Beaker 100ml 'PERFIT'	25	45.00	1125	Gupta Scientific industries	05/06/2010	YES
3.	Beaker 250ml 'PERFIT'	50	60.00	3000	Gupta Scientific industries	05/06/2010	YES
4.	Beaker 500ml 'PERFIT'	5	95.00	475	Gupta Scientific industries	05/06/2010	YES
5.	Beaker 1000ml 'PERFIT'	5	210.00	1050	Gupta Scientific industries	05/06/2010	YES
6.	Buckner Funnel 3" Porcelain 'PERFIT'	6	80.00	480	Gupta Scientific industries	05/06/2010	YES
7	Buckner Funnel 6" Porcelain 'PERFIT'	7	220.00	1540	Gupta Scientific industries	05/06/2010	YES
8.	Burette 50ml. 'A' class 'PERFIT'	50	335.00	16750	Gupta Scientific industries	05/06/2010	YES
9.	Chromatography column 1"x 18" with stopcock 'PERFIT'	10	225.00	2250	Gupta Scientific industries	05/06/2010	YES
10.	Sintered Glass Crucible 30ml., porosity G3 'PERFIT'	30	80.00	2400	Gupta Scientific industries	05/06/2010	YES
11.	Clay Pipe Triangle porcelain 2" 'PERFIT'	20	30.00	600	Gupta Scientific industries	05/06/2010	YES
12.	Clay Pipe Triangle porcelain 3" 'PERFIT'	20	40.00	800	Gupta Scientific industries	05/06/2010	YES
13.	Conical Flask 100ml. 'PERFIT'	50	54.00	2700	Gupta Scientific industries	05/06/2010	YES
14.	Conical Flask 250ml. 'PERFIT'	50	80.00	4000	Gupta Scientific industries	05/06/2010	YES
15.	Conical Flask 500ml. 'PERFIT'	10	125.00	1250	Gupta Scientific industries	05/06/2010	YES
16.	Conical Flask 1000ml. 'PERFIT'	5	265.00	1325	Gupta Scientific industries	05/06/2010	YES
17.	Flat Bottom Flask 500ml. (Round) B-24 socket 'PERFIT'	10	150.00	1500	Gupta Scientific industries	05/06/2010	YES

18.	Glass rod (Smooth edged) 12"x 6mm.	100	30.00	3000	Gupta Scientific industries	05/06/2010	YES
19.	Specific Gravity Hydrometer 800-1000 'PERFIT'	3	70.00	210	Gupta Scientific industries	05/06/2010	YES
20.	Specific Gravity Hydrometer 1000-1200 'PERFIT'	3	70.00	210	Gupta Scientific industries	05/06/2010	YES
21.	Universal Hydrometer 1000-2000 'PERFIT'	3	100.00	300	Gupta Scientific industries	05/06/2010	YES
22.	Measuring Cylinder 25ml.	10	85.00	850	Gupta Scientific industries	05/06/2010	YES
23.	Measuring Cylinder 100ml.	25	140.00	3500	Gupta Scientific industries	05/06/2010	YES
24.	Measuring Cylinder 1000ml	5	700.00	3500	Gupta Scientific industries	05/06/2010	YES
25.	Measuring Flask 100.	50	104.00	5200	Gupta Scientific industries	05/06/2010	YES
26.	Measuring Flask 500	25	235.00	5875	Gupta Scientific industries	05/06/2010	YES
27.	Measuring Flask 1000.	10	400.00	4000	Gupta Scientific industries	05/06/2010	YES
28.	Pipettes size 2ml 'PERFIT'	20	50.00	1000	Gupta Scientific industries	05/06/2010	YES
29.	Pipettes size 25 ml 'PERFIT'	5	75.00	375	Gupta Scientific industries	05/06/2010	YES
30.	Round bottom flask 250 ml	50	105.00	5250	Gupta Scientific industries	05/06/2010	YES
31.	Round bottom flask 500ml	15	155.00	2325	Gupta Scientific industries	05/06/2010	YES
32.	Round bottom flask 1000ml	10	305.00	3050	Gupta Scientific industries	05/06/2010	YES
33.	Separating funnel 250 ml B 24/B 24 'PERFIT'	25	330.00	8250	Gupta Scientific industries	05/06/2010	YES
34.	Silica crucible 15 ml without Lid 'PERFIT'	6	150.00	900	Gupta Scientific industries	05/06/2010	YES
35.	Silica crucible 25 ml without Lid 'PERFIT'	6	175.00	1050	Gupta Scientific industries	05/06/2010	YES
36.	Spatula spoon/flat	25	25.00	625	Gupta Scientific	05/06/2010	YES

	S.S. 6" 'PERFIT'				industries		
37.	Spatula spoon/flat S.S. 5" 'PERFIT'	10	15.00	150	Gupta Scientific industries	05/06/2010	YES
38.	Stalagmometer Straight graduated 'PERFIT'	20	57.00	1140	Gupta Scientific industries	05/06/2010	YES
39.	Chemical Thermometer 10° to 110°C 'PERFIT'	20	40.00	800	Gupta Scientific industries	05/06/2010	YES
40.	Chemical Thermometer 0° to 250°C 'PERFIT'	20	48.00	960	Gupta Scientific industries	05/06/2010	YES
41.	Titration flask 100ml 'PERFIT'	50	54.00	2700	Gupta Scientific industries	05/06/2010	YES
42.	Titration flask 250ml 'PERFIT'	50	80.00	4000	Gupta Scientific industries	05/06/2010	YES
43.	Tongs crucible S.S. 8" 'PERFIT'	25	95.00	2375	Gupta Scientific industries	05/06/2010	YES
44.	Test Tube Holder	25	20.00	500	Gupta Scientific industries	05/06/2010	YES
45.	Filter flask 500ml 'PERFIT'	5	215.00	1075	Gupta Scientific industries	05/06/2010	YES
46.	Filter flask 1000ml 'PERFIT'	5	400.00	2000	Gupta Scientific industries	05/06/2010	YES
47.	Stop cork 2 way	10	85.00	850	Gupta Scientific industries	05/06/2010	YES
48.	Viscometer college pattern 'PERFIT' Ostwald.	15	75.00	1125	Gupta Scientific industries	05/06/2010	YES
49.	Watch glass 3"	30	6.00	180	Gupta Scientific industries	05/06/2010	YES
50.	Watch glass 4"	30	10.00	300	Gupta Scientific industries	05/06/2010	YES
51.	Watch glass 6"	20	25.00	500	Gupta Scientific industries	05/06/2010	YES
52.	Wire gauge 150mm x 150 mm	100	10.00	1000	Gupta Scientific industries	05/06/2010	YES
53.	Tripod Stand 8" 'PERFIT'	50	120.00	6000	Gupta Scientific industries	05/06/2010	YES

54.	Distillation set – complete Flask	5	950.00	4750	Gupta Scientific industries	05/06/2010	YES
55.	Distillation set – complete Flask Cap. 1000 ml. 'PERFIT'	5	1050.00	5250	Gupta Scientific industries	05/06/2010	YES
56	Thermometer Pocket B14 'PERFIT'	6	46.000	276	Gupta Scientific industries	05/06/2010	YES
57	Sintered glass funnel 25 ml	6	150.00	900	Gupta Scientific industries	05/06/2010	YES
58	Sintered glass funnel 50 ml 'PERFIT'	6	245.00	1470	Gupta Scientific industries	05/06/2010	YES
59	Sintered glass 50 ml 'PERFIT' Porosity G-4	6	325.00	1950	Gupta Scientific industries	05/06/2010	YES
60	Battery jar 1 ltr	3	70	210	Gupta Scientific industries	05/06/2010	YES
61	Iodine Flask 250 ml B24	10	150	1500	Gupta Scientific industries	05/06/2010	YES
62	Iodine Flask 500 ml B24	10	185	1850	Gupta Scientific industries	05/06/2010	YES
Total				114816.00			

List of Instruments:

S.No.	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date of Purchase	Wheteher in working condition
1	Calorimeter digital 'PERFIT'	1	5500	5500	Gupta Scientific industries	05/06/2010	YES
2	Boss head with Clamp	20	120	2400	Gupta Scientific industries	05/06/2010	YES
3	Mercury Vap. Lamp.	2	1600	3200	Gupta Scientific industries	05/06/2010	YES
4	Deluxe PH meter	3	5950.00	17850	Gupta Scientific industries	05/06/2010	YES
5	ABBE REFRACTOMETER	1	7950.00	7950	Gupta Scientific industries	05/06/2010	YES

6	Thin Layer Chromatography	1	7950.00	7950	Gupta Scientific industries	05/06/2010	YES
7	Hand Refract meter 'PERFIT' 0 – 30 %	1	2500.00	2500	Gupta Scientific industries	05/06/2010	YES
8	Laminar Air Flow Cabinet (Horizontal)	1	49750.0	49750	Gupta Scientific industries	05/06/2010	YES

Grand Total 82383.00

List of Glassware/Others:

S.No.	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date of Purchase	Wheteher in working condition
1.	Air Condenser 12"	15 no.	Rs.110/- each	1650.00	Atul Chemicals & Scientific Works	10/06/10	YES
2.	Burette Stand with Clamp	50 no.	Rs.190/- each	9500.00	Atul Chemicals & Scientific Works	10/06/10	YES
3.	Capillary Tube for Melting point	2 box	Rs.190/- box	380.00	Atul Chemicals & Scientific Works	10/06/10	YES
4.	Cork Borer	5 no.	Rs.220/- each	1100.00	Atul Chemicals & Scientific Works	10/06/10	YES
5.	Desiccators 6"	1 no.	Rs.1100/-	1100.00	Atul Chemicals & Scientific Works	10/06/10	YES
6.	Desiccators 8"	6 no.	Rs.2195/-	13170.00	Atul Chemicals & Scientific Works	10/06/10	YES
7.	Dropper with rubber teats 6"	200 no.	Rs.4/50 each	900.00	Atul Chemicals & Scientific Works	10/06/10	YES
8.	Dropper 4" Borosilicate Glass	50 no.	Rs.14/- each	700.00	Atul Chemicals & Scientific Works	10/06/10	YES
9.	Dropping Bottle 125 ml	12 no.	Rs.32/- each	384.00	Atul Chemicals & Scientific Works	10/06/10	YES
10.	Funnel Stand	40 no.	Rs.140/- each	5600.00	Atul Chemicals & Scientific Works	10/06/10	YES
11.	Fusion Tube	10 gross	Rs.18/- gross	180.00	Atul Chemicals & Scientific Works	10/06/10	YES
12	Measuring Cylinder 250 ml	25 no.	Rs.250/- each	6250.00	Atul Chemicals & Scientific Works	10/06/10	YES

13	Measuring Cylinder 500 ml	10 no.	Rs.425/- each	4250.00	Atul Chemicals & Scientific Works	10/06/10	YES
14	Boiling Test Tube 1"x8"	100 no.	Rs.22/- each	2200.00	Atul Chemicals & Scientific Works	10/06/10	YES
15	-----do----- 2"x8"	96 no.	Rs.32/- each	3072.00	Atul Chemicals & Scientific Works	10/06/10	YES
16	Reagent Stickers 2"x1"	2000 no.	Rs.2/- each	4000.00	Atul Chemicals & Scientific Works	10/06/10	YES
17	Ordinary Filter Paper 18"x22"	02 rim	Rs.784/- rim	1568.00	Atul Chemicals & Scientific Works	10/06/10	YES
18	Pipettes 5ml	20 no.	Rs.45/- each	900.00	Atul Chemicals & Scientific Works	10/06/10	YES
19	Pipettes 0.5 ml	10 no.	Rs.45/- each	450.00	Atul Chemicals & Scientific Works	10/06/10	YES
20	Pipettes 10 ml	10 no.	Rs.45/- each	450.00	Atul Chemicals & Scientific Works	10/06/10	YES
21	Reagent Bottle 250 ml	100 no.	Rs.120/- each	12000.00	Atul Chemicals & Scientific Works	10/06/10	YES
22	Rubber Cork Different Size	1 gross	Rs.140/- gross	140.00	Atul Chemicals & Scientific Works	10/06/10	YES
23	Rubber Tube 6 mm	10 mtr.(10)	Rs.120/- 10 mtr.	1200.00	Atul Chemicals & Scientific Works	10/06/10	YES
24	Sand Bath 6"	25 no.	Rs.90/- each	2250.00	Atul Chemicals & Scientific Works	10/06/10	YES
25	Solid Reagent bottle 125 ml	50 no.	Rs.52/- each	2600.00	Atul Chemicals & Scientific Works	10/06/10	YES
26	Stop Watch Plastic body	15 no.	Rs.490/- each	7350.00	Atul Chemicals & Scientific Works	10/06/10	YES
27	Test Tube Stand 12 holes	25no.	Rs.139/- each	3250.00	Atul Chemicals & Scientific Works	10/06/10	YES
28	Thermometer 360	20	Rs.80/- each	1600.00	Atul Chemicals & Scientific Works	10/06/10	YES
29	Test Tube 6mm x15 cm	1400	Rs.2.70/- gross	3780.00	Atul Chemicals & Scientific Works	10/06/10	YES
30	---do----- 10 mmx10 cm	1 gross	Rs.590/- gross	590.00	Atul Chemicals & Scientific Works	10/06/10	YES

31	China Dish 3"	20 no.	Rs.7/- each	140.00	Atul Chemicals & Scientific Works	10/06/10	YES
32	-----do----- 4"	20 no.	Rs.12/- each	240.00	Atul Chemicals & Scientific Works	10/06/10	YES
33	Brushes for Test Tube	50 no.	Rs.7/- each	350.00	Atul Chemicals & Scientific Works	10/06/10	YES
34	Brushes for Burette	10 no.	Rs.15/- each	150.00	Atul Chemicals & Scientific Works	10/06/10	YES
35	Brushes for Conical Flask	20 no.	Rs.22/- each	440.00	Atul Chemicals & Scientific Works	10/06/10	YES
36	Gas Burner LPG	25 no.	Rs.150/- each	3750.00	Atul Chemicals & Scientific Works	10/06/10	YES
37	Condenser Coil 12"	3 no.	Rs.355/- each	1065.00	Atul Chemicals & Scientific Works	10/06/10	YES
38	Receiving Adopter with Vacuum Outlet	3 no.	Rs.140/- each	420.00	Atul Chemicals & Scientific Works	10/06/10	YES
39	Wash bottle Plastic 500ml	10 no.	Rs.32/- each	320.00	Atul Chemicals & Scientific Works	10/06/10	YES
40	Pastel & Mortar 3"	2 no.	Rs.32/- each	64.00	Atul Chemicals & Scientific Works	10/06/10	YES
41	Pastel & Mortar 4"	2 no.	Rs.52/- each	104.00	Atul Chemicals & Scientific Works	10/06/10	YES
42	Pastel & Mortar 6"	2 no.	Rs.82/- each	164.00	Atul Chemicals & Scientific Works	10/06/10	YES
43	China Clay 3"	2 no.	Rs90/- each	180.00	Atul Chemicals & Scientific Works	10/06/10	YES
44	China Clay 2"	2 no.	Rs.70 /- each	140.00	Atul Chemicals & Scientific Works	10/06/10	YES
45	China Clay 4"	2 no.	Rs170/- each	340.00	Atul Chemicals & Scientific Works	10/06/10	YES
46	Battery Jar 2 lt.	3 no.	Rs.220/- each	660.00	Atul Chemicals & Scientific Works	10/06/10	YES
47	Petridish Glass 3"	20 no.	Rs.80/- each	1600.00	Atul Chemicals & Scientific Works	10/06/10	YES
48	Petridish Glass 4"	20 no.	Rs.94/- each	1880.00	Atul Chemicals & Scientific Works	10/06/10	YES

Grand Total

88722.00

List of Instruments:

S.No.	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date of Purchase	Whether in working condition
1	Digital Chemicals Balance sensitivity 0.1gm, Cap. 100 gm	2 no.	Rs.9800/- each	19600.00	Atul Chemicals & Scientific Works	10/06/2010	YES
2	Conductivity Bridge	2 no.	Rs.7000/- each	14000.00	Atul Chemicals & Scientific Works	10/06/2010	YES
3	Hot Plate with energy regulator round 8"	3 no.	Rs.1100/- each	3300.00	Atul Chemicals & Scientific Works	10/06/2010	YES
4	Muffle Furnace thermostatic Controlled 9"x4"x4"	1 no.	Rs.7800/- each	7800.00	Atul Chemicals & Scientific Works	10/06/2010	YES
5	Oven 14"x14"x14"	1 no.	Rs.4990/- each	4990.00	Atul Chemicals & Scientific Works	10/06/2010	YES
6	Polarimeter Complete set	1 no.	Rs.8200/- each	8200.00	Atul Chemicals & Scientific Works	10/06/2010	YES
7	Magnetic Stirrer with Thermostat	3 no.	Rs.2600/- each	7800.00	Atul Chemicals & Scientific Works	10/06/2010	YES
8	Silica Gel G	1x500 gm	Rs.391/- 500 gm	391.00	Atul Chemicals & Scientific Works	10/06/2010	YES
9	Sprayer	1 no.	Rs.185/- each	185.00	Atul Chemicals & Scientific Works	10/06/2010	YES
10	Teflon Coated magnetic rotors/Needle straight shape	6 no.	Rs.90/- each	540.00	Atul Chemicals & Scientific Works	10/06/2010	YES

11	Vacuum Pump	1 no.	Rs.10950/- each	10950.00	Atul Chemicals & Scientific Works	10/06/2010	YES
12	Heating Mantle with Regulator 500 ml	2 no.	Rs.1050/- each	2100.00	Atul Chemicals & Scientific Works	10/06/2010	YES
13	Heating Mantle with Regulator 1000 ml	5 no.	Rs.1250/- each	6250.00	Atul Chemicals & Scientific Works	10/06/2010	YES
14	Melting Point Apparatus	2 no.	Rs.1245/- each	2490.00	Atul Chemicals & Scientific Works	10/06/2010	YES

Total

78368.00

List of Chemicals:

Sr. No.	Chemical Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date OF Purchase	Wheteher in working condition
1.	Acetic Acid Glacial	2x500 ml	Rs.165/- 500 ml	330.00	Atul Chemicals & Scientific Works	10/06/2010	YES
2.	Acetylacetone	3x 500ml	1350/500 ml	4,050	Atul Chemicals & Scientific Works	10/06/2010	YES
3.	Acetyl chloride	2x500 ml	Rs.390/- 500 ml	780.00	Atul Chemicals & Scientific Works	10/06/2010	YES
4.	Alizarin red	1 x 25g	360/25 g	360	Atul Chemicals & Scientific Works	10/06/2010	YES
5.	Ammonium Metavenadate	500gx2	4455/500 gm	8910	Atul Chemicals & Scientific Works	10/06/2010	YES
6.	Ammonium sulphide	500gx2	262/500 ml	524	Atul Chemicals & Scientific Works	10/06/2010	YES
7.	Ammonium Molybdate	2x500 gm	Rs.5600/- 500 gm	11200.00	Atul Chemicals & Scientific Works	10/06/2010	YES
8.	Ammonium Oxalate	2x500 gm	Rs.235/- 500 gm	470.00	Atul Chemicals & Scientific Works	10/06/2010	YES
9.	Acetaldehyde	1x500	240/500 ml	240	Atul Chemicals & Scientific Works	10/06/2010	YES

10.	Aniline	2x500 ml	Rs.370/- 500 ml	740.00	Atul Chemicals & Scientific Works	10/06/2010	YES
11.	Barium hydroxide	500gx1	178/500	178	Atul Chemicals & Scientific Works	10/06/2010	YES
12	Barium Chloride	1x500 gm	Rs.200/- 500 gm	200.00	Atul Chemicals & Scientific Works	10/06/2010	YES
13	Dipheyl Amine	4x250 gm	Rs.630/- 250 gm	2520.00	Atul Chemicals & Scientific Works	10/06/2010	YES
14	Benzaldehyde	2x500 ml	Rs.365/- 500 ml	730.00	Atul Chemicals & Scientific Works	10/06/2010	YES
15	Benzene	4x500 gm	Rs.210/- 500 ml	840.00	Atul Chemicals & Scientific Works	10/06/2010	YES
16	Benzoic Acid	2x500 gm	Rs.310/- 500 gm	620.00	Atul Chemicals & Scientific Works	10/06/2010	YES
17	Bromobenzene	500gx2	648/500	1296	Atul Chemicals & Scientific Works	10/06/2010	YES
18	Chloroform	10x500 ml	Rs.220/- 500 ml	2200.00	Atul Chemicals & Scientific Works	10/06/2010	YES
19	Chromotropic Acid	2x10 gm	Rs.940/- 10 gm	1880.00	Atul Chemicals & Scientific Works	10/06/2010	YES
20	Cyclohexanone	500mlx1	345/500	345	Atul	10/06/2010	YES

					Chemicals & Scientific Works		
21	Calcon Indicator	5gx5	311/5 gm	1555	Atul Chemicals & Scientific Works	10/06/2010	YES
22	Catechole	2 x 500	918/500	1836	Atul Chemicals & Scientific Works	10/06/2010	YES
23	Cloramine - T	1 x 500	1000/500	1000	Atul Chemicals & Scientific Works	10/06/2010	YES
24	Chromic acid	500gx1	625/500	625	Atul Chemicals & Scientific Works	10/06/2010	YES
25	Copper carbonate	500gx2	990/500	1980	Atul Chemicals & Scientific Works	10/06/2010	YES
26	Cupron reagent	25gx2	307/25 gm	614	Atul Chemicals & Scientific Works	10/06/2010	YES
27	Curcumin	1 x 5 g	711/5 gm	711	Atul Chemicals & Scientific Works	10/06/2010	YES
28	Cyclohexanol	2 x 500	370/500	740	Atul Chemicals & Scientific Works	10/06/2010	YES
29	Copper Sulphate	2x500 gm	Rs.430/- 500 gm	860.00	Atul Chemicals & Scientific Works	10/06/2010	YES
30	1,4 Dioxan	4x500 ml	Rs.425/- 500 ml	1700.00	Atul Chemicals &	10/06/2010	YES

					Scientific Works		
31	Diethyl Ether	25x500 ml	Rs.245/- 500 ml	6125.00	Atul Chemicals & Scientific Works	10/06/2010	YES
32	N,N Dimethyl Aniline	2x500 ml	Rs.390/- 500 ml	780.00	Atul Chemicals & Scientific Works	10/06/2010	YES
33	Dipheylamine	4x250 gm	Rs.630/- 250 gm	2520.00	Atul Chemicals & Scientific Works	10/06/2010	YES
34	Dimethyl glyoxime	500gx2	1301/500 gm	2602	Atul Chemicals & Scientific Works	10/06/2010	YES
35	Ethyl Acetate	1x500 ml	Rs.190/- 500 ml	190.00	Atul Chemicals & Scientific Works	10/06/2010	YES
36	Ethylene Glycol	4x500 ml	Rs.265/- 500 ml	1060.00	Atul Chemicals & Scientific Works	10/06/2010	YES
37	Ethyl aceto acetate	2 x 500 ml	518/500 ml	1036	Atul Chemicals & Scientific Works	10/06/2010	YES
38	Ethyl Alcohol	25 x 500 ml	240/500 ml	6000	Atul Chemicals & Scientific Works	10/06/2010	YES
39	Ethyl benzoate	2 x 500 ml	747/500 ml	1494	Atul Chemicals & Scientific Works	10/06/2010	YES
40	Ethyl diamine	2 x 500	378/500	756	Atul Chemicals & Scientific	10/06/2010	YES

					Works		
41	Ferric Chloride	2x500 gm	Rs.199/- 500 gm	398.00	Atul Chemicals & Scientific Works	10/06/2010	YES
42	Ferrous Ammonium Sulphate	2x500 gm	Rs.148/- 500 gm	296.00	Atul Chemicals & Scientific Works	10/06/2010	YES
43	Formaldehyde	2x500 gm	Rs.120/- 500 ml	240.00	Atul Chemicals & Scientific Works	10/06/2010	YES
44	Ferrous sulphate	5 x 500g	145/500	725	Atul Chemicals & Scientific Works	10/06/2010	YES
45	Glycrine	2x500 gm	Rs.265/- 500 ml	530.00	Atul Chemicals & Scientific Works	10/06/2010	YES
46	Hydrazine Sulphate	1 x 100g	244/100 gm	244	Atul Chemicals & Scientific Works	10/06/2010	YES
47	Hydrogen Peroxide	1x500 gm	Rs.205/- 500 ml	205.00	Atul Chemicals & Scientific Works	10/06/2010	YES
48	Iodine	2x500 gm	Rs.795/- 100 gm		Atul Chemicals & Scientific Works	10/06/2010	YES
49	Iron Filling	2x500 gm	Rs.290/- 500 gm	580.00	Atul Chemicals & Scientific Works	10/06/2010	YES
50	Liquor Ammonia 0-91	4x500 ml	Rs.120/- 500 ml	480.00	Atul Chemicals & Scientific Works	10/06/2010	YES

51	Magnesium metal Turning	2x500 gm	Rs.570/- 500 gm	1140.00	Atul Chemicals & Scientific Works	10/06/2010	YES
52	Mercuric Acetate	2x500 gm	Rs.3950/- 500 gm	7900.00	Atul Chemicals & Scientific Works	10/06/2010	YES
53	Methanol	2x500 ml	Rs.115/- 500 ml	230.00	Atul Chemicals & Scientific Works	10/06/2010	YES
54	Mercuric nitrate	2 x 500 g	3380/500 g	6760	Atul Chemicals & Scientific Works	10/06/2010	YES
55	Methylene Blue Indicator	2x25 gm	Rs.185/- 25 gm	370.00	Atul Chemicals & Scientific Works	10/06/2010	YES
56	Naphthalene	2 x 500 g	343/500g	686	Atul Chemicals & Scientific Works	10/06/2010	YES
57	Nickel Chloride	2x500 gm	Rs.1600/- 500 gm	3200.00	Atul Chemicals & Scientific Works	10/06/2010	YES
58	Nickel Sulphate	2x500 gm	Rs.1325/- 500 gm	2650.00	Atul Chemicals & Scientific Works	10/06/2010	YES
59	Oxalic Acid	2x500 gm	Rs.199/- 500 gm	398.00	Atul Chemicals & Scientific Works	10/06/2010	YES
60	Petroleum Ether 60-80	2x500 ml	Rs.190/- 500 ml	380.00	Atul Chemicals & Scientific Works	10/06/2010	YES
61	Para Nitrophenol	2x 500	482/500 g	964	Atul	10/06/2010	YES

		g			Chemicals & Scientific Works		
62	Para bromoaniline	2 x 100 g	872/100 gm	1744	Atul Chemicals & Scientific Works	10/06/2010	YES
63	paraChloroBenzaldehyde	2 x 250 g	842/250 g	1684	Atul Chemicals & Scientific Works	10/06/2010	YES
64	Potassium Dichromate	2x500 gm	Rs.585/- 500 gm	1170.00	Atul Chemicals & Scientific Works	10/06/2010	YES
65	Phenyl Hydrazine	2 x 500	937/500 ml	1874	Atul Chemicals & Scientific Works	10/06/2010	YES
66	Picric Acid	2 x 500 ml	509/500 ml	1018	Atul Chemicals & Scientific Works	10/06/2010	YES
67	Potassium Bromate	2 x 500g	473/500 g	946	Atul Chemicals & Scientific Works	10/06/2010	YES
68	Para toludine	2 x 500 g	797/500 g	1594	Atul Chemicals & Scientific Works	10/06/2010	YES
69	Sulphanilic acid	2 x 500 g	1098/500 g	2196	Atul Chemicals & Scientific Works	10/06/2010	YES
70	Propylene Glycol	2x500 gm	Rs.305/- 500 ml	610.00	Atul Chemicals & Scientific Works	10/06/2010	YES
71	Pyridine	2x500 gm	Rs.670/- 500 ml	1340.00	Atul Chemicals &	10/06/2010	YES

					Scientific Works		
72	Salicylic Acid	2x500 gm	Rs.425/- 500 gm	850.00	Atul Chemicals & Scientific Works	10/06/2010	YES
73	Sodium Nitrate	2x500 gm	Rs.160/- 500 gm	320.00	Atul Chemicals & Scientific Works	10/06/2010	YES
74	Sodium Acetate	2 x 250	Rs. 190	380	Atul Chemicals & Scientific Works	10/06/2010	YES
75	Thiourea	2x 500 g	625/ 500gm	1250	Atul Chemicals & Scientific Works	10/06/2010	YES
76	Thymol – phthaeine	5 x 5 g	163/ 5 gm	815	Atul Chemicals & Scientific Works	10/06/2010	YES
77	Tin sulphate	2 x 500	1647/ 500 g	3294	Atul Chemicals & Scientific Works	10/06/2010	YES
78	Universal Indicator	2 x 500 ml	170/500 ml	340	Atul Chemicals & Scientific Works	10/06/2010	YES

Grand Total

91169

List of Chemicals:

Sr. No.	Chemical Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date OF Purchase	Wheteher in working condition
1	Iodine	1x100	801	801	Him labs & Suppliers	06/10/10	YES
2	Sodium Thosulphate	1x500	113	113	Him labs & Suppliers	06/10/10	YES
3	Ethyl Aetate	2x500	185	370	Him labs & Suppliers	06/10/10	YES
4	Potassium chloride	1x500	109	109	Him labs & Suppliers	06/10/10	YES
5	D- Glucose	1x500	162	162	Him labs & Suppliers	06/10/10	YES
6	Ammonia Solution	2x500	138	276	Him labs & Suppliers	06/10/10	YES
7	Benzene	1x2.5lt	1020	1020	Him labs & Suppliers	06/10/10	YES
8	Potassium chloride	2x500	178	356	Him labs & Suppliers	06/10/10	YES
9	Sulphuric Acid	1x5lt	1165	1165	Him labs & Suppliers	06/10/10	YES
10	Silica Gel-G	1x500	432	432	Him labs & Suppliers	06/10/10	YES
11	Ethylene Glycol	1x500	270	270	Him labs & Suppliers	06/10/10	YES
12	Zinc Nitrate	1x500	320	320	Him labs & Suppliers	06/10/10	YES
13	Nickel Nitrate	1x250	630	630	Him labs & Suppliers	06/10/10	YES
14	Ferric Nitrate	1x500	154	154	Him labs & Suppliers	06/10/10	YES
15	Bismuth Nitrate	1x100	401	401	Him labs & Suppliers	06/10/10	YES
16	Microscope slides	2 pack	48	96	Him labs & Suppliers	06/10/10	YES
17	Sodium nitrite	1x500	235	235	Him labs & Suppliers	28/11/2010	YES
18	L-Tartaric Acid	1x500	761	761	Him labs & Suppliers	28/11/2010	YES
19	Sodium Metal	1x500	640	640	Him labs & Suppliers	28/11/2010	YES
20	Methyl Acetate(Syn)	1x500	437	437	Him labs & Suppliers	28/11/2010	YES
21	Methyl Acetate(Lab)	1x500	342	342	Him labs & Suppliers	28/11/2010	YES

Grand Total 8294

List of Glassware/Others:

S.No	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date Of Purchase	Wheteher in working condition
1	Beaker 50ml	6	17each	102	Kanwaljit Scientific Industries	27/09/10	YES
2	Beaker 100ml	6	23each	138	Kanwaljit Scientific Industries	27/09/10	YES
3	Beaker 250ml	5	35each	175	Kanwaljit Scientific Industries	27/09/10	YES
4	Beaker 500ml	6	60each	360	Kanwaljit Scientific Industries	27/09/10	YES
5	Burette 50ml	10	150 each	1500	Kanwaljit Scientific Industries	27/09/10	YES
6	Clay pipe triangular	5	12 each	60	Kanwaljit Scientific Industries	27/09/10	YES
7	Conical flask 100ml	6	27 each	162	Kanwaljit Scientific Industries	27/09/10	YES
8	Conical flask 250ml	9	40 each	360	Kanwaljit Scientific Industries	27/09/10	YES
9	Conical flask 500ml	6	65 each	390	Kanwaljit Scientific Industries	27/09/10	YES
10	Measuring cylinder 100ml	3	65 each	195	Kanwaljit Scientific Industries	27/09/10	YES
11	Measuring cylinder 1000ml	2	350 each	700	Kanwaljit Scientific Industries	27/09/10	YES
12	Measuring Flask 100ml	6	50 each	300	Kanwaljit Scientific Industries	27/09/10	YES
13	Measuring Flask 500ml	4	115 each	460	Kanwaljit Scientific Industries	27/09/10	YES
14	Measuring Flask 1000ml	2	170 each	340	Kanwaljit Scientific Industries	27/09/10	YES
15	Pipette 10ml	6	35 each	210	Kanwaljit Scientific Industries	27/09/10	YES
16	Pipette 25ml	6	40 each	240	Kanwaljit Scientific Industries	27/09/10	YES
17	Round	6	38 each	228	Kanwaljit Scientific	27/09/10	YES

	BottomFlask 250 ml				Industries		
18	Round BottomFlask 1000 ml	1	130 each	130	Kanwaljit Scientific Industries	27/09/10	YES
19	Silica Crucible 25ml	3	125 each	375	Kanwaljit Scientific Industries	27/09/10	YES
20	Spatula	3	15 each	45	Kanwaljit Scientific Industries	27/09/10	YES
21	Thermometer 250	5	27 each	135	Kanwaljit Scientific Industries	27/09/10	YES
22	Tong	3	110 each	330	Kanwaljit Scientific Industries	27/09/10	YES
23	Test Tube Holder	6	10 each	60	Kanwaljit Scientific Industries	27/09/10	YES
24	Filter Flask 500ml	4	135 each	540	Kanwaljit Scientific Industries	27/09/10	YES
25	Wire guage	6	10 each	60	Kanwaljit Scientific Industries	27/09/10	YES
26	TripodStand	5	40 each	200	Kanwaljit Scientific Industries	27/09/10	YES
27	Iodine Flask	6	90 each	540	Kanwaljit Scientific Industries	27/09/10	YES
28	Test Tube box	2	500 each	1000	Kanwaljit Scientific Industries	27/09/10	YES

List of Chemicals:

Sr. No.	Chemical Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date OF Purchase	Wheteher in working condition
1.	Lead Nitrate	1x500gm	290	290	Kanwaljit Scientific Industries	27/09/10	YES
2.	Silver Nitrate	1x100gm	5660	5660	Kanwaljit Scientific Industries	27/09/10	YES
3.	Bismuth (III) Nitrate	2x100gm	380	760	Kanwaljit Scientific Industries	27/09/10	YES
4.	Cadmium sulphate	5x100gm	275	1375	Kanwaljit Scientific Industries	27/09/10	YES
5.	Arsenic Oxide	1x500gm	190	190	Kanwaljit Scientific Industries	27/09/10	YES
6.	Sodium Arsenate	1x250gm	1690	1690	Kanwaljit Scientific Industries	27/09/10	YES

7	Antimony (III) Chloride	1x500gm	1360	1360	Kanwaljit Scientific Industries	27/09/10	YES
8.	Antimony (III) Oxide	1x500gm	1050	1050	Kanwaljit Scientific Industries	27/09/10	YES
9.	Tin(II) Chloride	4x250gm	885	3540	Kanwaljit Scientific Industries	27/09/10	YES
10.	Potash Alum, K ₂ SO ₄	1x500gm	110	110	Kanwaljit Scientific Industries	27/09/10	YES
11.	Chromium (III)Chloride	1X500gm	450	450	Kanwaljit Scientific Industries	27/09/10	YES
12.	Chromium (III) Sulphate	1x500gm	240	240	Kanwaljit Scientific Industries	27/09/10	YES
13.	Cobalt (II) Chloride	1x500gm	2760	2760	Kanwaljit Scientific Industries	27/09/10	YES
14.	Cobalt (II) Nitrate	1x500gm	2100	2100	Kanwaljit Scientific Industries	27/09/10	YES
15.	Nickel Sulphate	2x250gm	660	1320	Kanwaljit Scientific Industries	27/09/10	YES
16.	Manganese (II) Chloride	1x500gm	250	250	Kanwaljit Scientific Industries	27/09/10	YES
17.	Manganese (II) Sulphate	1x500gm	225	225	Kanwaljit Scientific Industries	27/09/10	YES
18.	Zinc Sulphate	2x500gm	175	350	Kanwaljit Scientific Industries	27/09/10	YES
19.	Aluminum Chloride	2x500gm	260	520	Kanwaljit Scientific Industries	27/09/10	YES
20.	Barium Chloride	1x500gm	160	160	Kanwaljit Scientific Industries	27/09/10	YES
21.	Strontium Chloride	1x500gm	240	240	Kanwaljit Scientific Industries	27/09/10	YES
22.	Calcium Chloride	2x500gm	98	196	Kanwaljit Scientific Industries	27/09/10	YES
23.	Magnesium Chloride	1x500gm	130	130	Kanwaljit Scientific Industries	27/09/10	YES
24.	Magnesium Sulphate	1x500gm	110	110	Kanwaljit Scientific Industries	27/09/10	YES
25.	Potassium Chloride	1x500gm	110	110	Kanwaljit Scientific Industries	27/09/10	YES
26.	Sodium Chloride	2x500gm	80	160	Kanwaljit Scientific Industries	27/09/10	YES

27.	Ammonium Chloride	3x500gm	130	390	Kanwaljit Scientific Industries	27/09/10	YES
28.	Ammonium Carbonate	1x500gm	180	180	Kanwaljit Scientific Industries	27/09/10	YES
29.	Nitro benzene	1x500gm	210	210	Kanwaljit Scientific Industries	27/09/10	YES
30.	Acetamide	2x250gm	160	320	Kanwaljit Scientific Industries	27/09/10	YES
31.	Lead Sulphate	1x500gm	390	390	Kanwaljit Scientific Industries	27/09/10	YES
32.	Kipps apparatus	2	2500	5000	Kanwaljit Scientific Industries	27/09/10	YES
33.	Acetic Acid Glacial	2x500gm	175	350	Kanwaljit Scientific Industries	27/09/10	YES
34.	Aluminum Sulphate	1x500gm	140	140	Kanwaljit Scientific Industries	27/09/10	YES
35.	£-Naphthol	5x100gm	220	1100	Kanwaljit Scientific Industries	27/09/10	YES
36.	B-Naphthol	2x250gm	190	380	Kanwaljit Scientific Industries	27/09/10	YES
37.	Phosphoric Acid	2x500gm	410	820	Kanwaljit Scientific Industries	27/09/10	YES
38.	Fructose	1x500gm	595	595	Kanwaljit Scientific Industries	27/09/10	YES
39.	Copper Turnings	2x250gm	365	730	Kanwaljit Scientific Industries	27/09/10	YES
40.	Sodium Carbonate	3x500gm	160	480	Kanwaljit Scientific Industries	27/09/10	YES
41.	Sulphuric Acid	2x2.5 lt	580	1160	Kanwaljit Scientific Industries	27/09/10	YES
42.	Urea	5x500gm	125	625	Kanwaljit Scientific Industries	27/09/10	YES
43.	Iron Sulphide	5x1000gm	290	1450	Kanwaljit Scientific Industries	27/09/10	YES
44.	Nitric Acid	2x2.5 l	570	1140	Kanwaljit Scientific Industries	27/09/10	YES
45.	Toluene	1x500gm	160	160	Kanwaljit Scientific Industries	27/09/10	YES
46.	O-Toluidine	1x500gm	290	290	Kanwaljit Scientific Industries	27/09/10	YES

47.	Benzoic Acid	1x500gm	250	250	Kanwaljit Scientific Industries	27/09/10	YES
48.	O-Cresol	1x500gm	470	470	Kanwaljit Scientific Industries	27/09/10	YES
49.	Anthracene	5x100gm	510	2550	Kanwaljit Scientific Industries	27/09/10	YES
50.	Naphthalene	1x500gm	240	240	Kanwaljit Scientific Industries	27/09/10	YES
51.	Sucrose	1x500gm	140	140	Kanwaljit Scientific Industries	27/09/10	YES
52.	Sodium Nitroprusite	1x100gm	360	360	Kanwaljit Scientific Industries	27/09/10	YES
53.	Ferric Chloride	1x500gm	130	130	Kanwaljit Scientific Industries	27/09/10	YES
54.	Potassium Ferricyanide	2x250gm	410	820	Kanwaljit Scientific Industries	27/09/10	YES
55.	Ammonium thiocyanate	1x250	200	200	Kanwaljit Scientific Industries	27/09/10	YES

Grand Total 63044.00

Akal School of Chemistry
Eternal University, Baru Sahib

List of Equipment/Instruments purchased after the visit of UGC Expert Committee on
17-19 December, 2010

Sr. No.	Equip/ Inst	Supplier	Bill/ Invo ice No.	D. O. Purchase	Qty	Unit Cost	Amt (Rs.)	Total Cost (Rs.)
1	Double Distillation (without cut off)	Research Aid inst & services	4081 1	25/10/2012	01	2150 0	2150 0	21500
2	Automatic cut off device	Research Aid inst & services	4081 1	25/10/2012	01	3750	3750	3750
3	Rotary vacuum film evaporator	Research Aid inst & services	4081 1	25/10/2012	01	3250 0	3250 0	32500
4	Vacuum pump oil free	Research Aid inst & services	4081 1	25/10/2012	01	1545 0	1545 0	15450
5	Vacuum trap	Research Aid inst & services	4081 2	25/10/2012	01	2000	2000	2000
Grand Total								Rs.75200/-

ETERNAL UNIVERSITY
DEPARTMENT OF PHYSICS

S.No	Equipment Name	Qty.	Rate	Cost	Make	Date of purchase	Wheteher in working condition
1	Newtons Ring Microscope	2	Rs. 2,300.00	Rs. 4,600.00	Puri Scientific Works	9/7/2007	YES
2	Spectrometer	4	Rs. 195.00	Rs. 780.00	Puri Scientific Works	9/7/2007	YES
3	Hall effects set up	1	Rs. 17,000.00	Rs. 1,700.00	Puri Scientific Works	9/7/2007	YES
4	Ac/dc transformer	1	Rs. 470.00	Rs. 470.00	Puri Scientific Works	9/07/07	YES
5	Connecting wires roll	1	Rs. 260.00	Rs. 260.00	Puri Scientific Works	9/07/07	YES
6	Connecting wires with plug	20	Rs. 20.00	Rs. 400.00	Puri Scientific Works	9/7/2007	YES
7	Wire cutter	3	Rs. 20.00	Rs. 60.00	Puri Scientific Works	9/7/2007	YES
8	Ammeter 0-5A	4	Rs. 165.00	Rs. 660.00	Puri Scientific Works	9/7/2007	YES
9	Galvanometer	4	Rs. 165.00	Rs. 660.00	Puri Scientific Works	9/7/2007	YES
10	Spherometer	4	Rs. 115.00	Rs. 460.00	Puri Scientific Works	9/7/2007	YES
11	Resistance box four dial	5	Rs. 1,100.00	Rs. 5,500.00	Puri Scientific Works	9/7/2007	YES
12	Resistance box one dial	1	Rs. 550.00	Rs. 550.00	Puri Scientific Works	9/7/2007	YES
13	Compass	2	Rs. 65.00	Rs. 130.00	Puri Scientific Works	9/7/2007	YES
14	Rheostat 45 ohm	1	Rs. 500.00	Rs. 500.00			YES
15	Resistance wire	1	Rs. 1,500.00	Rs. 1,500.00	Puri Scientific	9/7/2007	YES

					Works		
16	Dry Cell	6	Rs. 190.00	Rs. 1,140.00	Puri Scientific Works	9/7/2007	YES
17	Step down transformer	1	Rs. 470.00	Rs. 470.00	Puri Scientific Works	9/7/2007	YES
18	Stand wooden stand	1	Rs. 90.00	Rs. 90.00	Puri Scientific Works	9/7/2007	YES
19	Digital balance	1	Rs. 1,400.00	Rs. 1,400.00	Puri Scientific Works	9/7/2007	YES
20	Horse magnet	5	Rs. 95.00	Rs. 475.00	Puri Scientific Works	9/7/2007	YES
21	Galvanometer Western type	10	Rs. 175.00	Rs. 1,750.00	Vinny Scientific Store	7/4/2007	YES
22	D.c.Ammeter 0- 5A	4	Rs. 175.00	Rs. 700.00	Vinny Scientific Store	7/4/2007	YES
23	D.c.Ammeter 0- 10A	4	Rs. 175.00	Rs. 700.00	Vinny Scientific Store	7/4/2007	YES
24	Stewart&Gee's galvanometer	2	Rs. 1,600.00	Rs. 3,200.00	Puri Scientific Works	9/7/2007	YES
25	Reversing key	5	Rs. 90.00	Rs. 450.00	Puri Scientific Works	9/7/2007	YES
26	D.c.Ammeter 0- 15A	4	Rs. 175.00	Rs. 700.00	Vinny Scientific Store	7/4/2007	YES
27	Michelson Interferometer	1	Rs. 24,500.00	Rs. 24,500.00	Osaw industries	10/3/2007	YES
28	Mercury Lamp	4	Rs. 165.00	Rs. 660.00	Puri Scientific Works	27/09/07	YES
29	Sodium lamp	5	Rs. 1,100.00	Rs. 5,500.00	Puri Scientific Works	27/09/07	YES
30	Four Probe set up	1	Rs. 8,350.00	Rs. 8,350.00	Puri Scientific Works	27/09/07	YES
31	One Way Key	10	Rs. 27.00	Rs. 270.00	Puri Scientific Works	9/7/2007	YES
32	Newtons ring lens setup	3	Rs. 200.00	Rs. 600.00	Puri Scientific Works	27/09/07	YES

33	Fuse(2A)	10	Rs. 2.00	Rs. 20.00	Puri Scientific Works	27/09/07	YES
34	D.c.Volt meter 0-10V	4	Rs. 175.00	Rs. 700.00	Vinny Scientific	7/4/2007	YES
35	D.c.Volt meter 0-100V	4	Rs. 175.00	Rs. 700.00	Vinny Scientific	7/4/2007	YES
36	D.c.Volt meter 0-300V	4	Rs. 175.00	Rs. 700.00	Vinny Scientific	7/4/2007	YES
37	Rheostat1500 ohm,(.5A)	6	Rs. 345.00	Rs. 2,070.00	Puri Scientific Works	9/7/2007	YES
38	Rheostat (300 ohm,1Am	4	Rs. 240.00	Rs. 960.00	Puri Scientific Works	9/7/2007	YES
0.39	Rheostat (12 ohm, 5 A)	2	Rs. 465.00	Rs. 930.00	Puri Scientific Works	9/7/2007	YES
40	C.R.O.30MHz	04	Rs. 19,500.00	Rs. 78,000.00	Vinny Scientific	7/4/2007	YES
41	Rheostat	5	Rs. 395.00	Rs. 1,975.00	Puri Scientific Works	27/09/07	YES
42	Stop watch	2	Rs. 365.00	Rs. 730.00	Puri Scientific Works	27/09/07	YES
43	Ultra sonic interferometer	1	Rs. 17,500.00	Rs. 17,500.00	Puri Scientific Works	27/09/07	YES
44	Newtons Ring set up	1	Rs. 12,650.00	Rs. 12,650.00	Osaw Industries	10/3/2007	YES
45	Fresnels biprism	1	Rs. 14,300.00	Rs. 14,300.00	Osaw Industries	10/3/2007	YES
46	Leser kit	1	Rs. 27,830.00	Rs. 27,830.00	Osaw Industries	10/3/2007	YES
47	Polarimeter	1	Rs. 10,725.00	Rs. 10,725.00	Osaw Industries	10/3/2007	YES
48	Spectrometer full set up	1	Rs. 16,500.00	Rs. 16,500.00	Osaw Industries	10/3/2007	YES
49	Mill icons Oil Apparatus	1	Rs. 22,660.00	Rs. 22,660.00	Osaw Industries	10/3/2007	YES
50	Hall apparatus	1	Rs. 26,400.00	Rs. 26,400.00	Osaw Industries	10/3/2007	YES
51	Biot Savarts law	1	Rs. 46,750.00	Rs. 46,750.00	Osaw Industries	10/3/2007	YES
52	Four probe set up	1	Rs. 11,660.00	Rs. 11,660.00	Osaw Industries	10/3/2007	YES
53	Ultra sonic interferometer for liquid	1	Rs. 14,500.00	Rs. 14,500.00	Satish brothers	5/4/2007	YES
54	Flashing and	2	Rs. 2,200.00	Rs. 4,400.00	Satish	5/4/2007	YES

	quenching				brothers		
55	Griffits bridge to find out coefficient of resistance	2	Rs. 6,500.00	Rs. 13,000.00	Satish brothers	5/4/2007	YES
56	Apparatus for Resolving power of Telescope	2	Rs. 4,500.00	Rs. 9,000.00	Satish brothers	5/4/2007	YES
57	To find e/m Helical method	1	Rs. 8,000.00	Rs. 8,000.00	Satish brothers	5/4/2007	YES
58	Apparatus For Planck's Constant by using photoelectric cell.	2	Rs. 3,700.00	Rs. 7,400.00	Satish brothers	5/4/2007	YES
59	Apparatus for verifying Inverse Square Law using photovoltaic cell.	2	Rs. 1,400.00	Rs. 2,800.00	Satish brothers	5/4/2007	YES
60	Apparatus for ionization potential of mercury	2	Rs. 2,250.00	Rs. 4,500.00	Satish brothers	5/4/2007	YES
61	Digital multimeter	4	Rs. 5,340.00	Rs. 21,360.00	Gaur scientific works	11/4/2007	YES
62	Diffraction grating	2	Rs. 420.00	Rs. 840.00	Gaur scientific works	11/4/2007	YES
63	Sodium lamp with transformer and woden box	2	Rs. 2,622.00	Rs. 5,244.00	Gaur scientific works	11/4/2007	YES
64	Telescope	2	Rs. 1,350.00	Rs. 2,700.00	Gaur scientific works	11/4/2007	YES
65	De sauty's bridge	2	Rs. 3,275.00	Rs. 6,550.00	Gaur scientific works	11/4/2007	YES
66	Calander & griffits bridge	2	Rs. 2,660.00	Rs. 5,320.00	Gaur scientific works	11/4/2007	YES
67	Sonometer with slotted weight	4	Rs. 690.00	Rs. 2,760.00	Gaur scientific works	11/4/2007	YES
68	Carey foster Bridge	04	Rs. 610.00	Rs. 2,440.00	Gaur scientific works	11/4/2007	YES
69	Post office box	4	Rs. 2,650.00	Rs. 10,600.00	Gaur scientific works	11/4/2007	
70	Tangent galvanometer	2	Rs. 610.00	Rs. 1,220.00	Gaur scientific works	11/4/2007	
71	Photocell apparatus	2	Rs. 1,660.00	Rs. 3,320.00	Gaur	11/4/2007	

					scientific works		
72	Multimeter analog	4	Rs. 440.00	Rs. 1,760.00	Gaur scientific works	11/4/2007	
73	Beeds model	1	Rs. 290.00	Rs. 290.00	Gaur scientific works	11/4/2007	
74	Digital nmultimeter(small)	2	Rs. 235.00	Rs. 470.00	Gaur scientific works	11/4/2007	
75	Digital nmultimeter	2	Rs. 750.00	Rs. 1,500.00	Gaur scientific works	11/4/2007	
76	Digital nmultimeter(medium)	2	Rs. 535.00	Rs. 1,070.00	Gaur scientific works	11/4/2007	
77	Dc power supply0-30 volt/1A	4	Rs. 2,750.00	Rs. 11,000.00	Gaur scientific works	11/4/2007	
78	Dc power supply0-30 volt/3A	4	Rs. 3,400.00	Rs. 13,600.00	Gaur scientific works	11/4/2007	
76	Ac power supply(1-12v/6A)	4	Rs. 3,065.00	Rs. 12,260.00	Gaur scientific works	11/4/2007	
77	Hall effect,	1	Rs. 29,100.00	Rs. 29,100.00	Indosaw industrial	21/12/2009	
78	He-Ne Laser kit	1	Rs. 46,200.00	Rs. 46,200.00	Indosaw industrial	21/12/2009	
79	Optical Fiber Kit	1	Rs. 27,900.00	Rs. 27,900.00	Indosaw industrial	21/12/2009	
80	B-H Curve Kit	1	Rs. 33,700.00	Rs. 33,700.00	Indosaw industrial	21/12/2009	
81	Polarimeter kit	1	Rs. 9,800.00	Rs. 9,800.00	Indosaw industrial	21/12/2009	
82	Van De Graph Kit	1	Rs. 6,400.00	Rs. 6,400.00	Indosaw industrial	21/12/2009	
83	Magnetic Susceptibility	1	Rs. 45,000.00	Rs. 45,000.00	Indosaw industrial	21/12/2009	
84	Nano Kit	1	Rs. 16,500.00	Rs. 16,500.00	Indosaw industrial	21/12/2009	
85	Dielectric Constant Kit	1	Rs. 10,500.00	Rs. 10,500.00	Indosaw industrial	21/12/2009	
				Rs. 7,55,949.00			

Nano-Science and Nano-Technology Research Lab

List of Instruments:

Sr. No.	Equipment Name	QTY.	Rate (Rs.)	Cost (Rs.)	Make	Date of Purchase	Whether in work condition
1	High Temperature Muffle Furnace with PID controller Max Temp 1400 °C	1	77626.00	77625.00	Vinny Scientific	4/5/10	Yes
2	Hydraulic press with Dye holder	1	51750.00	51750.00	Vinny Scientific	4/5/10	Yes
3	Digital Analytical Balance	1	30475.00	30475.00	Vinny Scientific	4/5/10	Yes
4	Distillation Apparatus	1	13580.00	13580.00	Vinny Scientific	4/5/10	Yes
5	Magnetic Stirrer with hot plate	1	2600.00	2600.00	Cosmo lab	3/6/10	Yes
6	Agate pestle motor fisher type 100 mm motorized	1	33000.00	33000.00	Vinny Scientific	4/5/10	Yes
7	Alumina crucible	10	1380	13800.00	Vinny Scientific	4/5/10	Yes
8	Dessicator 300 mm	1	4190.00	4190.00	Vinny Scientific	4/5/10	Yes
9	Ultrasonic cleaner citizen make	1	14950.00	14950.00	Vinny Scientific	4/5/10	Yes
10	Hot air oven	1	29900.00	29900.00	Vinny Scientific	4/5/10	Yes
11	Silica crucible 50 ml	10	270.00	2700.00	Vinny Scientific	4/5/10	Yes
12	Rubber tube 10 mm	10 m	36.00	360.00	Vinny Scientific	4/5/10	Yes

Total price amount Rs. 309776.00

List of Chemicals:

Sr. No.	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date of Purchase	Whether in work condition
1	Lithium Carbonate	250 g	598.00	598.00	Merck	14/6/10	Yes
2	Silicon Dioxide AR	1 kg	850.00	850.00	loba	31/5/10	Yes
3	Boric acid	500 gm	299.00	299.00	Merck	31/5/10	Yes
4	Aluminium Oxide	500 gm	300.00	300.00	Merck	31/5/10	Yes
5	Silver Nitrate	25 g	1850.00	1850.00	Loba	31/5/10	Yes
6	Sodium Nitrate	500 g	180.00	180.00	Merck	31/5/10	Yes
7	Lead Oxide	500 g	428.00	428.00	Merck	31/5/10	Yes
8	Tetra-n-butyl orthotitanate	500 ml	6580.00	6580.00	Merck	31/5/10	Yes
9	Ethanol	3X500 ml	750.00	2250.00	Merck	31/5/10	Yes
10	Lead acetate tri-hydrate	500 g	345.00	345.00	Merck	31/5/10	Yes
11	Iron Chloride anhydrous	500 g	195.00	195.00	Merck	31/5/10	Yes
12	Acetic acid	500 ml	263.00	263.00	Merck	31/5/10	Yes
13	Barium acetate	500 g	540.00	540.00	Loba	31/5/10	Yes
14	Polyvinyl alcohol	500 g	450.00	450.00	Loba	31/5/10	Yes
15	Nickel (II) chloride hexa hydrate	500 g	1688.00	1688.00	Merck	31/5/10	Yes
16	Hydrofluoric acid	500 ml	795.00	795.00	Merck	31/5/10	Yes
17	Bismuth trichloride	100 g	1500.00	1500.00	Spectro Chem	31/5/10	Yes
18	Lead nitrate pure	500 g	310.00	310.00	Loba	31/5/10	Yes
19	Strontium nitrate	500 g	320.00	320.00	Loba	31/5/10	Yes
20	Lanthanum Chloride	100 g	1450.00	1450.00	Loba	31/5/10	Yes
21	Magnesium Nitrate	500 g	190.00	190.00	Loba	31/5/10	Yes
22	Neodymium Oxide	10 g	900.00	900.00	Loba	31/5/10	Yes
23	Zinc Chloride	500 g	270.00	270.00	Loba	31/5/10	Yes
24	Cobalt Chloride	100 g	580.00	580.00	Merck	31/5/10	Yes

25	Copper Chloride	500 g	752.00	752.00	Merck	31/5/10	Yes
26	Barium carbonate	500 g	342.00	342.00	Merck	14/6/10	Yes
27	Ferric Oxide	500 g	240.00	240.00	Loba	14/6/10	Yes
28	Manganese Oxide	500 g	440.00	440.00	Merck	14/6/10	Yes
29	Acetone	500 ml	206.00	206.00	Merck	14/6/10	Yes
30	Ferric Nitrate	500 g	160.00	160.00	Loba	14/6/10	Yes
31	Cobalt carbonate	100 g	1200.00	1200.00	Loba	30/6/10	Yes
32	Titanium Oxide	500 g	310.00	310.00	Merck	30/6/10	Yes
33	Manganese nitrate	500 g	680.00	680.00	Loba	30/6/10	Yes

Total price amount Rs. 30893.625

List of Glass ware apparatus:

Sr. No.	Equipment Name	QNTY.	Rate (Rs.)	Cost (Rs.)	Make	Date of Purchase	Whether in work condition
1	Crucible Tongs	1	140.00	140.00	Imp. Sci.	19/4/10	Yes
2	Beaker 250 cc	12	25.00	300.00	Imp. Sci.	19/4/10	Yes
3	Pipette 10 cc	12	6.00	72.00	Imp. Sci.	19/4/10	Yes
4	Pipette bulb	12	5.00	60.00	Imp. Sci.	19/4/10	Yes
5	Filter paper pkt	1	100.00	100.00	Imp. Sci.	19/4/10	Yes
6	Spatula 8	2	12.00	24.00	Imp. Sci.	19/4/10	Yes
7	Spatula 6	2	10.00	20.00	Imp. Sci.	19/4/10	Yes
8	Funnel	4	20.00	80	Imp. Sci.	19/4/10	Yes
9	Rubber tube coil	1	120.00	120.00	Imp. Sci.	19/4/10	Yes
10	Test tube box	2	150.00	300.00	Imp. Sci.	19/4/10	Yes
11	Cork no 9	15	4.00	60.00	Imp. Sci.	19/4/10	Yes
12	Wall thermometer	1	25.00	25.00	Imp. Sci.	19/4/10	Yes
13	Retort clamp	3	35.00	105.00	Imp. Sci.	19/4/10	Yes
14	Retort stand	3	140.00	420.00	Imp. Sci.	19/4/10	Yes
15	Delivery tube	6	4.00	24.00	Imp. Sci.	19/4/10	Yes
16	Glover Surgical	25	15.00	375.00	Imp. Sci.	19/4/10	Yes
17	Test tube stand	12	12.00	144.00	Imp. Sci.	19/4/10	Yes
18	Forceps	4	10.00	40.00	Imp. Sci.	19/4/10	Yes

19	Aluminium Foil	10	32.00	320.00	Imp. Sci.	19/4/10	Yes
20	Tissue paper	10	20.00	200.00	Imp. Sci.	19/4/10	Yes
21	Painting brush	1	80.00	80.00	Imp. Sci.	19/4/10	Yes
22	Crucible Tongs 0.5	2	12.00	24.00	Imp. Sci.	19/4/10	Yes
23	Test tube brush	5	2.50	50.00	Imp. Sci.	19/4/10	Yes
24	Funnel stand poly lab	2	45.00	90.00	Imp. Sci.	19/4/10	Yes
25	Separating Funnel 250 cc	4	85.00	340.00	Imp. Sci.	19/4/10	Yes
26	Separating Funnel 500 cc	2	120.00	240.00	Imp. Sci.	19/4/10	Yes
27	F.B. 250 cc	6	35.00	210.00	Imp. Sci.	19/4/10	Yes
28	F.B. 500 cc	6	55.00	330.00	Imp. Sci.	19/4/10	Yes
29	Measuring cylinder 10 cc	8	18.00	144.00	Imp. Sci.	19/4/10	Yes
30	Measuring cylinder 50 cc	6	38.00	228.00	Imp. Sci.	19/4/10	Yes
31	Measuring cylinder 25 cc	6	30.00	180.00	Imp. Sci.	19/4/10	Yes
32	Vol. Flask 250 cc	12	85.00	1020.00	Imp. Sci.	19/4/10	Yes
33	Beaker 250 cc	12	25.00	300.00	Imp. Sci.	19/4/10	Yes
34	S.G. Bottle 50 cc	12	25.00	300.00	Imp. Sci.	19/4/10	Yes
35	Conical flask 250 cc	12	35.00	420.00	Imp. Sci.	19/4/10	Yes
36	Conical flask 500 cc	12	55.00	660.00	Imp. Sci.	19/4/10	Yes
37	Beaker 500 cc	12	45.00	540.00	Imp. Sci.	19/4/10	Yes
38	Beaker 100 cc	10	16.00	160	Imp. Sci.	19/4/10	Yes
39	Wash Battle 500 cc	6	28.00	168.00	Imp. Sci.	19/4/10	Yes
40	Aspirator Battle 5lt	1	480.00	480.00	Imp. Sci.	19/4/10	Yes
41	Reagent battle 250 cc	6	25	150.00	Imp. Sci.	19/4/10	Yes
42	Reagent battle 125 cc	6	18.50	111.00	Imp. Sci.	19/4/10	Yes
43	Magnetic beads	5	75.00	375.00	Imp. Sci.	19/4/10	Yes
44	Acetone 2.5 lt	2	500.00	1000.00	Imp. Sci.	19/4/10	Yes
	Benzene 1lt	1	130.00	130.00	Imp. Sci.	19/4/10	Yes

Total price amount Rs. 10578.00

Akal School of Physics

List of Equipment/Instruments purchased after the visit of UGC Expert Committee on 17-19 December, 2010

S. N.	Equipment /Instrument	Supplier	Bill no.	Date of Pur.	Qty	Unit Cost	Amount	Amount	Total Cost
1	SMPS training Setup	Himtronix	HT/PI/008	9/2/2012	4	7250/-	29000/- Discount 5800/-	23200/- Tax 3190/-	26390/-
2	UPS Training setup	Himtronix	HT/PI/008	9/2/2012	2	12,500/-	25000/- Discount 5000/-	20000 Tax 2750/-	22750/-
3	Microwave Study Setup	Himtronix	HT/PI/008	9/2/2012	1	40,800/-	40,800/- Discount 8160/-	32640 Tax 4488/-	37128/-
4.	LSI 002EC	LASIN LABSOUL (India)	LSI/ 13-14/18	18/04/2013	1	58,240/-	- Discount 10%	52,416	52,416/-
5.	LSI 005D	LASIN LABSOUL (India)	LSI/ 13-14/18	18/04/2013	1	49,840/-	- 10% Discount	44,856/-	44,856/-
6.	LSI 007 A	LASIN LABSOUL (India)	LSI/ 13-14/18	18/04/2013	2	2,185/-	4,370/- Discount 10%	3,933/-	3,933/-
7.	LSI 007 F	LASIN LABSOUL (India)	LSI/ 13-14/18	18/04/2013	2	3,976/-	7,952/- Discount 10%	7,156/-	7,156/-
8.	LSI pH	LASIN LABSOUL (India)	LSI/ 13-14/18	18/04/2013	2	8,456/-	16,912/- Discount 10%	15,220.80/-	15,220.80/-
9.	LSI 076/15	LASIN LABSOUL (India)	LSI/ 13-14/18	18/04/2013	1	23,352/-	- Discount 10%	23,352/-	23,352/-
10.	Spin NXG P1	LASIN LABSOUL (India)	LSI/ 13-14/18	18/04/2013	1	2,45,000/-	- Discount 5%	2,32,750/-	2,32,750/-
Grand Total								4,65,951.8/-	