

	Group leader	Contact No.	All Requirement
Group 1	Pakki	9828630330	Epsom salt - 300 gm Diammonium phosphate - 250 gm StandFunnel X 2Filter paper
Group 2	Abhishek Tiwari	8740914804	1.Diatomaceous Earth 1 kg or Bentonite clay (multani Mitti) 1 kg 2.citric,phosphoric,oxalic acid 50 ml 3.clove oil cinnamon oil (if available) Sonicator 0.5-1 hour Lab requirements: MON to FRI 2 - 3:30 pm & Sat 2-6 pm would be preferred 1.stirrer/glass rod 2. beaker 3. china dish 4.tripod stand 5. bunsen burner/oven 6. test tube
Group 3	Saurabh Jain	9928024807	Basic chemicals like: Calcium hydroxide, - 100 gm Calcium oxide, - 100 gm Copper oxide, - 100 gm copper chips, - 50gm formic acid, - 100ml concentrated sulphuric acid, - 100ml test tubes - 10 beaker - 5 Gas jar (to store gasses produced) Filter Paper - 20 Burner Test tube holder - 4 Flasks - 3 Delivery Tubes Corck and few more basic chemicals might be required and the quantities given are maximum. Few more inventory may be needed like test tubes, beaker etc Duration - 5 days (Starting from Monday, 5 days are maximum time required) timing - 6:00 PM to 10:00 PM (everyday)
Group 4	Suvrasoumya Mohanty	9928056496	Chlorine gas- 1 cylinder Sodium Hypochlorite- 100 gm Sodium Chlorate- 100gm conc. HCl- 100 ml Agar-agar Nutrient medium- 25 gm Chytrid (or any other fungi) 300 gm of sodium-cyanex272 50 gm of sodium hydroxide 25 ml conc. HCl(36%) 1-2 gm Lanthanum salt(La ₂ O ₃) 10 petri-dishes 1 transparent air tight container of dimensions(15 cm*15 cm*15 cm) 5-10 m long connecting tube for gas transport A 2000 ml conical flask 100 gm cotton 20 Autoclave plastic Bags 3 corks 5 ball valves 5 m long thread 5 -100 ml conical flask micro pipette 10 conical flasks(100 ml) 5 separating funnel 1 beaker 1 spatula filter paper 20 autoclave bags

I will require the lab during time
slots 12 pm-4 pm during weekdays

laminar chamber- 5 hours
refrigerator/ incubator- 10 days
pH meter- 1 hour
CSTR/PFR reactor- 5 days
FTIR spectrometer -3 hours
pH meter- 5 hours
Orbital Shaker- 4 days

Lead nitrate- 500g,
Cadmium chloride- 500g
Potassium dichromate- 500gm
Copper sulfate -500gm
Zinc sulfate-500gm
Nickel nitrate- 500gm
Iron sulfate-500gm
Methylene blue 500gm and
Methylene orange 500gm
Neem Bark
Activated Fly Ash or Carbon

Atomic & U.V Spectrometer for analysing
the results. 7 conical
flask/beaker. filter paper. Cylindrical
Column. Furnance
10 testtubes
tube holder
Spetula
Funnel
glass rod

Group 4 Shubham Agarwal 9462885325

I will require the lab during time
slots 10 am-6 pm during weekdays

1.alum (aluminium sulphate or
kalium aluminium sulphate)
2.lime (calcium oxide)
3.fluorine(for determining for
various concentrations)

Culture of acidovovax,
pseudomonas, xanthobacter
Beach sand
10 beakers

gas chromatograph
100 ml of the following acids:-
cyclohexaneacetic acid
cyclohexanebutyric acid
cyclohexanepentanoic acid

Group 5 LAKSHYA KUMAR
SHARMA

Group 6 Shivam Gupta