

**POLASARA SCIENCE COLLEGE, POLASARA (GANJAM)**  
**LIST OF REQUIREMENTS OF SCIENCE DEPARTMENTS**

Physics Department		
SI No	Name Of The Item	REMARKS
<b>1st Semester</b>		
	<b>Mathematical Physics-1 / Mechanics (Core-1&amp;2)</b>	
1	Searle's Apparatus	
<b>2nd Semester</b>		
	<b>Electricity &amp; Magnetism (Core-3)</b>	
1	Thevenin And Norton Theorems	
2	Anderson's Bridge	
3	Lcr Circuit	
<b>Waves &amp; Optics (Core-4)</b>		
1	Newton's Rings	
2	Meld's Experiment	
<b>3rd Semester</b>		
	<b>Mathematical Physics-2 / Thermal Physics (Core-5&amp;6)</b>	
1	Calendar And Bane's Constant Flow Method	
2	Lee And Charlton's Disc Method	
<b>Digital System &amp; Application(Core-7)</b>		
1	Half Adder ,Full Adder & 4-Bit Binary Adder	
2	Jk Master-Slave Flip-Flop Ics	
3	Half, Full, Adder Subtractor Using Full Adder I.C	
<b>4th Semester</b>		
	<b>Mathematical Physics-3 / Elements Of Modern Physics (C-8 &amp; 9)</b>	
<b>5th Semester</b>		
	<b>Quantum Mechanics &amp; Application (Core-11)</b>	
1	Zeeman Effect	
2	Tunnelling Effect In Tunnel Diode	
<b>Solid State Physics (Core-12)</b>		
1	Ferroelectric Crystal	
2	Four Probe Method	
<b>6th Semester</b>		
	<b>Electro Magnetic Theory (Core-13)</b>	
1	Plane Polarized Light	
2	Babinet's Compensator	
3	Wallaston's Air-Film	
4	Stefan's Constant	
<b>Statistical Mechanics (Core-14)</b>		
1	Wien's Law And Raleigh-Jeans Law	
2	Maxwell-Boltzmann Distribution	
3	Bose-Einstein Distribution	

Chemistry Department		
SI No	Name Of The Item	REMARKS
<b>1st Semester</b>		
1	Beaker (100ml)	
2	Filter Paper (Dr.Watt)	
3	Desiccator With Calcium Chloride Tower	
4	Tensiometer	
	<b>Chemical</b>	
1	Sodium Bicarbonate (Nahco3) 500gm	
2	Sodium Carbonate(Na2co3)	
3	Oxalic Acid(C2h2o4)	
4	(KmnO4)Potassium Permanganate	
5	Methyl Orange Indicator	
6	Phenolphthalein Indicator	
7	Aluminium Sulphate(Al2(So4)3)	
8	Potassium Dichromate(K2cr2o7)	
9	Sodium Thiosulphate (Na2s2o3)(500gm)	
10	Di Phenylamin	
11	Anthralic Acid	
12	Sodium Hydroxide	
13	Ethanol	
14	Hydrochloric Acid	
15	Acetic Acid	
16	Boric Acid	
17	Formic Acid	
18	Potassium Sulphate	
19	Iron Sulphate	
<b>2nd Semester</b>		
1	Boiling Point Digital	
2	Capillary Tube	
3	Glass Slide	
4	Paper Chromatography	
5	Horizontal No. 1 Paper For Paper Chromatography	
6	Filter Paper(Normal)	
7	Calorimeter	
8	Stirrer	
9	Periodic Table	
	<b>Chemical</b>	
1	Amino Acid	
2	Silica Gel(Tlc)	
3	N- Butanol	
4	O- Nitrophenol	
5	P- Nitrophenol	
6	O- Aminophenol	
7	P- Aminophenol	
8	Ethyl Acetate	
9	Sulphuric Acid	
10	Anisaldehyde	

11	Copper Sulphate	
12	Ammonium Hydroxide	
13	Ammonium Chloride	
<b>3rd Semester</b>		
1	Blow Pipe	
	<b>Chemicals</b>	
1	Manganese(2)Nitrate	
2	Phosphoric Acid	
3	Concentrated Nitric Acid	
4	Acetone (500ml)	
5	Litimus Paper(Red)	
6	Litimus Paper(Blue)	
7	Potassium Sulphate	
8	Aluminium Sulphate	
9	Phenol	
10	Ether	
11	Manganese Sulphate	
12	Ammonium Hydrogen Sulphate	
13	Potassium Hydroxide	
14	Succinic Acid	
15	Tartaric Acid	
16	Citric Acid	
17	Phthalic Acid	
18	Cinnamic Acid	
19	Salicylic Acid	
20	Schiff's Reagent (125ml)	
21	Tollen's Reagent	
22	Fehling's Solution A	
23	Fehling's Solution B	
24	Cyclohexane	
25	Carbon Tetrachloride	
<b>4rd Semester</b>		
1	Whatman Filter Paper Original	
2	Conduct Meter With Cell	
3	Digital Potentiometer	
4	Calomel Electrode	
5	Platinum Electrode	
	<b>Chemical</b>	
1	Charcoal	
2	Dmg(Dimethyl Glyoxime)	
3	Iron Oxide	
4	Ferrous Sulphate	
5	Urea	
6	Acetamide	
7	Benzamide	
8	Phthalimide	
9	Iodiform	
10	P-Dichlorobenzene	
11	2,4-Dinitro Phenyl Hydrazine	

12	Potassium Chloride	
13	Malonic Acid	
<b>5th Semester</b>		
1	Microburrate	
2	Visible Spectrophotometer Single Beam	
3	Magnetic Stirrer With Hot Plate	
4	Magnetic Beat(Small)	
5	Heating Mantle, 2 Litre	
6	Vacuum Pump	
7	Separating Funnel 250ml	
8	Kip's Reagent 500ml Glass	
	<b>Chemical</b>	
1	Salicylic Acid	
2	P-Amino Phenol	
3	Magnesium Hydroxide	
4	Calcium Hydroxide	
5	Magnesium Chloride	
6	Starch	
7	Ferric Ammonium Sulphate	
<b>6th Semester</b>		
1	Test Tube(75mm*10mm)	
2	Beaker 50ml	
3	Beaker 100ml	
4	Beaker 250ml	
5	Centrifuge Tube (75*10mm)	
6	Stirring Red	
7	Reagent Dropper (5cm)	
8	Centrifugal Machine	
	<b>Chemical</b>	
1	Lead Acetate	
2	Chloroform	
3	Sodium Polyacrylate	
4	Formaldehyde	
5	Carbon Disulphide(Cs2)	
6	Nitrophenol	
7	Picric Acid	
<b>6th Semester D S E</b>		
1	Graduated Pipette	
2	Graduated Cylinder 10ml	
3	Graduated Cylinder 100ml	
4	Graduated Cylinder 500ml	
5	Glass Vilas With Cap100ml	
6	Benzaldehyde	
7	Thiamine Hydrochloride	
8	Maleic Acid	
9	Mortar & Pestle	
10	Copper Chloride(CuCl2)	
11	Benzophenone	

<b>Botany Department</b>		
<b>Sl No</b>	<b>Name Of The Item</b>	<b>REMARKS</b>
<b>1st Semester</b>		
1	Microscope With Bright & Dark Field & Phase Contrast Position Micron	
2	Haemocytometer	
3	Hot Water Bath	
3	Mortar & Pestle	
4	Test Tube Holder	
5	Spirit Lamp	
6	Arrow Headed Needle	
7	Forceps	
8	Blotting Paper	
9	Petroleum Jelly 500gm	
1	Line Drawing Photographs Of Logic & Lysocgrnic Cycle	
2	Root Nodule	
3	Types Of Bactria Chart	
4	Electron Micrograph Of Chlamydomonas & Diatoms	
<b>Chemicals</b>		
1	Ethyl Alcohol 500ml	
2	Iodine Solution 125ml	
3	Crystal Violet 25gm	
4	Safranin 125ml	
5	A-Naphthol Solution 100gm	
6	Concentrated Sulphuric Acid 500ml	
7	Fehlings Solution A 500ml	
8	Fehlings Solution B 500ml	
9	Yellow Ammonium Sulphide Solution 500ml	
10	Sodium Bicarbonate (Salt) 500gm	
11	Sudan 3 125ml	
12	5% Ninhydrine Solution 125ml	
13	Sodium Hydroxide 500gm	
14	Copper Sulphate 500gm	
15	Acetic Acid 500ml	
16	Chloroform 500ml	
17	Acetocaramine 100ml	
18	Hydrochloric Acid 500ml	
<b>Glassware</b>		
1	Cavity Slide	
2	Pipette	
3	Cover Glass Jar With Lid	
4	Measuring Cylinder 10ml	
5	Measuring Cylinder 100ml	
6	Slide	
7	Cover Slip	
8	Watch Glass	
8	Petri Dish	
9	Beaker 250ml	
10	Beaker 500ml	

11	Funnel	
12	Test Tubes	
13	Conical Flask 150ml	
	<b>Slide &amp; Specimens</b>	
1	Bacteria	
2	Binary Fission	
3	Endosperm	
4	Conjugation	
5	Vegetative & Reproductive Strnstoc,	
6	Chcamydomonas, Vovox, Oedagonium	
7	Coleochaete, Fucus	
8	Polysiphonia, Prochloron	
	<b>Specimen</b>	
1	Nostoc Class Work Materials	
2	Chlamydomonas	
3	Volvox	
4	Oedagonium	
5	Coleochaete	
6	Chara	
7	Vaucheria	
8	Ectocarpus	
9	Fucus	
10	Polysiphonia	
11	Prochloron	
<b>2nd Semester</b>		
1	Asexual Stage Of Rhizopus	
2	Zygospore Of Rhizopus	
3	Conidiophore, Ascocarp Of Aspergillus & Penicillium	
4	Sectioning Of Gills Of Agaricus	
5	T.S Of Pteridium Synangium	
6	T.S Of Selaginella Stem	
7	W.M Of Strobilus, Micro & Megasporophyll, L.S Of Strobilus Of Selaginella	
8	T.S Of Internode	
9	L.S Of Strobilus	
10	T.S Of Strobilus	
11	W.M Of Sphenocladus	
12	T.S Of Rhizome	
13	T.S Of Rachis	
14	V.S Of Sporophyll	
15	W.M Of Sporangium	
16	W.M Of Spores	
17	T.S Of Rhizome	
18	W.E Of Prothallus	
19	L.S Of Spike Of Ophioglossum	
20	L.S Of Sporocarp Of Marsilea	
21	L.S Of Strobilus Of Lycopodium	
22	T.S Of Root & Leaflet Cycas	
23	T.S Of Needle, Stem, L.S Of Male & Female Cone Of Pinus	

24	T.S Of Stem , V.S Of Ovule,Gnetum	
	<b>Specimens</b>	
1	Rhizopus	
2	Asperigiullus	
3	Pencilium	
4	Button Stage Of Aagorius	
4	Albugo	
5	Riccia	
6	Marchantia	
7	Anthoceros	
8	Psilotum	
9	Selagineua	
10	Equisetum	
11	Ptenis	
12	Coralloid Root Of Cycas, Microsporophyll & Megasporphys(Cycas)	
13	Pinus Male & Female Cone,Draft Shoots	
14	Gentum Male, Female Conecstem.	
	<b>Teaching Aids</b>	
1	Fungal Cells Structure(Photographs).	
2	Fungal Myceuium Structure Photographs.	
3	Photographs Of Types Of Ascocarp, Basidiocarp.	
1	Photograph Of Rhynia Lepidodendron,(T.S Of Stem).	
	<b>Glass Ware</b>	
1	Stealing	
1	Hammer	
1	Beaker250ml	
2	Beaker 500ml,	
3	Spade	
4	Polythene Bag	
3	Quadrate	
	<b>Equipments</b>	
1	Soils Thermometer	
2	Anemometer	
2	Psychomotor	
3	Hygrometer	
5	Rain Gauge	
6	Lux Meter	
7	Soil Sample Testing Kit Of 5 Parameter	
4	Oven Stainless Steel Chamber	
9	Hoe	
<b>3rd Semester Chemical</b>		
1	Safranine	
2	Haematoxylin	
3	Fast Green	
4	Canada Balsam	
5	Xylin	
6	Absolute Alcohol	
7	Iodine	

8	Glycerine	
9	Fehling's Solution A	
10	Fehling's Solution B	
11	Benedict's Solution	
12	Glucose	
13	Sucrose	
14	Starch	
15	Hydrochloric Acid	
16	Sudan 3	
17	Sulphuric Acid	
18	Phloroglucin	
19	Potassium Permanganate	
20	Sodium Bicarbonate	
21	Acetic Acid	
22	Acetocaramine	
23	Antisana A, Antisana B, Anti-Rh & Anti-O.	
	<b>Teachings Aids</b>	
1	Photographs Of Ring Porous, Tyloses, Heart & Sapwood.	
2	Photographs Of Types Of Stomata & Types Of Trichomes.	
3	Photographs Of Periderm, Lenticell, Annual Ring.	
4	Pedigree Analysis Chart For Dominant Recessive Autosomal & Sex Links Traits.	
5	Photographs Of Translocation Ring, Legends, Inversion Bridge & Breaks.	
	<b>Slide</b>	
1	Parenchyma	
2	Chlorenchyma	
3	Sclerenchyma	
4	Táchira Elements, Vessels, Fibres Of System.	
5	Phloem	
6	Sieve Tubes	
7	Companion Cells	
8	Phloem Fibre	
9	T.S Of Dicot & Monocot Root.	
10	T.S Of Dicot & Monocot Stem.	
11	V.S Of Dicot & Monocot Leaf.	
12	T.S Of Stem Of Tectona, Pinus, Sal	
13	T.S Of Starch Grains Of Potato	
	<b>Specimen Class Work Materials</b>	
1	W.M Of Seed Cotton Class Work Materials	
2	W.M Of Fiber Cotton	
3	Digitalis	
4	Papaver	
5	Cannabis	
6	Coffee, Beans, Plant Specimen.	
7	Tea & Tea Leafs.	
	<b>Glass Wares</b>	
1	Test Tubes	
2	Slides	



1	Cover Glass Jar With Lid	
2	Test Tubes Holders	
3	Spirit Lamp	
	<b>Equipments</b>	
1	Water Bath	
1	Arrow Headed Needle	
<b>4th Semester</b>		
1	Autoclave College Grade	
2	Bacterial Shaking Incubator	
3	Laminar Air-Flow Cabinet Ms Body	
3	Laminar Air-Flow Cabinet S.S Body	
3	Table-Top Centrifuge	
5	Hot Water Bath	
4	Mortar & Pestle	
7	Spectrophotometer Auto Calibration Digital	
8	Weighing Balance Digital	
5	Ph Meter Digital	
10	Ph Meter Digital	
	<b>Teaching Aids</b>	
1	Photographs Of Griffith's Exp.	
2	Frankel & Connate Exp.	
3	Hersey & Chase Exp.	
4	Messelsons & Stanhl's Exp.	
	<b>Chemicals</b>	
1	Tryptone	
2	E Yeast Extract	
3	Nacl	
4	Tris, Base	
5	Protinate	
6	Phenol	
7	Chloroform	
8	Rnaase	
9	Sds	
8	Acetic Acid	
9	Nacl	
10	Te Buffer	
11	Ethanol	
12	Edta	
15	Lysis Buffer	
13	Ether	
14	Potassium Hydroxide	
15	Ferric Chloride	
16	Hcl	
17	Orcinol	
18	Sodium Citrate	
21	Standard Rna Solution	
19	Di Phenyl Reagent	
23	Thymus Dna	
20	Distilled Water Lab Use	

21	Universal Indicator	
22	Silver Nitrate	
23	Di Ethylamine	
24	Bacl <sub>2</sub>	
25	H <sub>2</sub> so <sub>4</sub>	
26	Ammonium Thiocynate	
27	Hydrogen Peroxide	
28	K <sub>2</sub> cr <sub>2</sub> O <sub>7</sub>	
29	Phosphoric Acid	
30	Diphenylamine Indicator	
31	Ferrous Ammonium Sulphate	
32	Mnso <sub>4</sub>	
33	Naoh	
34	Nal	
35	H2so4	
36	Starch Indicator	
37	Sodium Thcasulphate Available	
	<b>Glass Ware</b>	
1	Micropipette Variable Volume	
2	Micropipette Tips	
3	Petri Dish	
4	Aluminium Foil	
4	Culture Test Tubes	
5	Eppenrof Tubes	
6	Test Tubes	
7	Volumetric Flask100ml	
8	Volumetric Flask 250ml	
9	5ml Glass Pipette	
10	Pipette Aid Dispenser	
11	250 MI Amber Colour Glass Bottles	
12	White Tile	
13	Burette	
14	Burette Stand	
15	Dropper	
16	20 MI Pipette	
17	Collection Bottle	
19	Quadrate	
<b>5th Semester Glass Ware</b>		
1	Centrifuge Tube Glass	
2	Sieve	
3	Brush	
4	Petri Dish (9 Cm)	
5	Petri Dish (10cm)	
6	Cork Borer	
7	Stopwatch	
8	Forceps	
9	Needle	
10	Brush	

11	Filter Paper (9cm Dia)	
12	Glass Tube With Small Bore	
23	Rubber Tube	
13	Chromatography Paper	
27	Tlc Apparatus, Tlc Seed	
	<b>Equipments</b>	
1	Ganong's Potometer	
2	Micrometer	
4	Spectrophotometer Uv/Vis Single Beam ( 190 To 1000nm)	
	<b>Teachings Aids</b>	
1	Micrograph Of Unincleate, Bccelled Pollengnain, Mgu, Dehiscedanther Stage	
2	Photograph Of Polyad & Pseudomonad	
3	Micrograph Of Ultra Structure Of Pollen Wall	
4	Photographs Of Types Of Ovule & Endothecium, Obturatar ,Hypostase	
5	Photograph Of Ultra Str Of Egg Apparatus.	
6	Types Of Female Gametophyte	
	<b>Chemicals</b>	
5	Paraffin Wax	
6	Tetrazolium Solution	
7	Boric Acid	
8	Potassium Nitrate	
9	Calcium Nitrate	
10	Tartaric Acid	
11	Citric Acid	
12	Sodium-Potassium Tart Rate	
21	Mercury	
13	Acetone	
14	Caco3	
25	Page	
15	Age Teaching Kit	
	<b>Permanent Slide</b>	
1	T.S Of Mature Anther	
2	Female Gametophyte Of Angiosperm	
<b>6th Semester Equipments</b>		
1	Wilmott's Bubbler	
4	Physical Balance	
5	Weight Box	
8	High-Speed Refrigerator Centrifuge	
2	Demo Kit Of Gel Electrophoresis (Teaching Kit)	
10	Vertical Gel Electrophoresis Apparatus With Power Supply	
11	Weighing Balance Human, Manual	
3	Crucible Gooch	
	<b>Glass Ware</b>	
1	Coloured Cellophane Papers	
2	Coloured Bell Jars	
7	Graph Paper	
3	Tissue Paper	

4	Pro Pipette Bulb	
5	Inoculation Loop	
	<b>Chemicals</b>	
1	Methyl Alcohol (92% & 30%)	
2	Phosphate Buffer	
14	Hgcl <sub>2</sub> ,	
3	Major & Minor Salt Of Ms Medium	
4	Nicotenic Acid	
5	Pyridoxine Hcl	
22	Kinetin	
6	Sodium Aligenatew	
7	Yeast Extract	
8	Tries	
9	Sodium Acetate	
10	Isopropanal	

<b>Zoology Department</b>		
<b>SI No</b>	<b>Name Of The Item</b>	<b>REMARKS</b>
<b>1st Semester</b>		
1	Obelia	
2	Physalia	
3	Millipore	
4	Aurelia	
5	Tubipora	
6	Corallium	
7	Alcyonium	
8	Gorgonia	
9	Cterpore	
10	Euglena	
11	Noctiluca	
12	Paramecium	
13	Sycon	
14	Physalia	
15	Metridium	
16	Tuncia	
17	Ascaris	
18	Neries	

19	Aphrodite	
20	Leech	
21	Peripatus	
22	Giyas	
23	Limulus Model	
24	Hermit Crab	
25	Daphnia	
26	Millipede	
27	Centipede	
28	Beetle	
29	Chilton	
30	Dentalium	
31	Octopus	
32	Astrias	
33	Antendun	
34	Balanglossus Model	
35	Amphioxus	
36	Petromyzon Small	
37	Pistis	
38	Hippocampus	
39	Labeo	
40	Ichthyophis Model In Jar	
41	Ureotyphlus Model In Jar	
42	Salamander Replica	
42	Salamander Original	
43	Rhacophorus	
44	Draco	
45	Uromatrix Model In Show Case	
46	Naja Model In Show Case	
47	Viper Model In Show Case	
	<b>Model</b>	
1	Archaeopterus Model In Show Case	
2	Crow Model In Show Case	
3	Duck Model In Show Case	
4	Owl Model In Show Case	
5	Squirrel Model In Show Case	
6	Bat Model In Show Case	
	<b>Slides And Specimen</b>	
1	W.M Of Euglena	
2	Amoeba	
3	Paramecium	
4	Binary Fission	
5	Conjugation In Paramecium	
6	T.S,&L,& Of Sycon	
7	Hyalonema	
8	Tuplactelu	
9	Spongilla	

10	Ctenophore	
11	Sea Anemone	
12	Ascaris Male	
12	Ascaris Female	
13	I.S Pussing Through	
14	Pharynx, Gizzard	
15	Typhlyolar, Intestine	
16	Bipinaria, Pluteuslurva	
17	Placid, Cycloid Scales	
18	Ctenoid Scales	
<b>2nd Semester</b>		
1	Aphrodite	
2	Nereis	
3	Heteroneries	
4	Sabella	
5	Scarpula	
6	Chaetopterus	
7	Pheretima	
8	Hirudinaria	
9	Tally Plaeus	
10	Caronoscorpious	
11	Palmanaus	
12	Palemon	
13	Daphnia	
14	Balanus	
15	Saculina	
16	Cancer	
17	Eupayunes	
18	Scolopendra	
19	Tulus	
20	Bombyx	
21	Periplaneta	
22	Termite	
23	Honeybee	
24	Peripatus	
25	Chiton	
26	Dentalium	
27	Pila	
28	Doris	
29	Helix	
30	Unio	
31	Astrea	
32	Pinctada	
33	Sepia	
34	Octopus	
35	Nautilus	
36	Pentaceros	

37	Asterias	
38	Ophiura	
39	Echinus	
40	Cucumaria	
41	Antedon	
	<b>Slides</b>	
1	T.S Through, Pharynx, Gizzard, Typhlosolar,	
2	Intestine Of Earthworm	
	<b>Core-4</b>	
1	Stages Of Mitosis 5	
2	Stages Of Meiosis 12	
	<b>Instruments</b>	
1	Secchi Disc	
2	Van Dorn Bottle	
3	Conductivity Meter	
4	Turbidity Meter	
5	Pohar Grab Sampler	
	<b>3rd Semester</b>	
1	Balanoglossus	
2	Herdmania	
3	Branchiostoma	
4	Urochordata	
5	Petromyzon Small	
6	Myxine	
7	Scyliadone	
8	Sphyrna	
9	Pristis	
10	Torpedo	
11	Chimaera	
12	Mystus	
13	Heteropneustus	
14	Labeo	
15	Exocoetus	
16	Echeneis	
17	Anguilla	
18	Hippocampus	
19	Tetradon	
20	Diodon	
21	Anabas	
22	Flatfish	
23	Ichthyophis	
24	Necturus	
25	Bufo	
26	Hyla	
27	Alytes	
28	Salamandra	
29	Chelon Model	

30	Trionyx Model	
31	Hemidactylus	
32	Varanus Model In Show Case	
33	Uromastx Model In Show Case	
34	Chamaeleon Replica	
35	Ophiosaurus Model In Show Case	
36	Dralu	
37	Bungurus Model In Show Case	
38	Viper Model In Show Case	
39	Naja Model In Show Case	
40	Hydrophis Model In Show Case	
41	Zamenis Model In Show Case	
42	Crocodylus Model In Show Case	
43	Sorex Model In Show Case	
44	Bat	
45	Loris Model In Show Case	
46	Herpests Model In Show Case	
47	Erinaceous Model In Show Case	
	<b>Slides</b>	
1	T.S Of Balanoglossus	
2	Through Probasis Bracheo Genitil Region	
3	T.S Of Amphioxus Thruhg	
4	Pharyngeal Intestinal	
5	Caudal Region	
6	Herdmania Spicules	
7	Squamous Epitheleum	
8	Striated Muscle Fibre	
9	Nerve Cell	
	Permanent Slides	
1	T.S Of Pancrease	
2	Testis	
3	Ovary	
4	Adrenal	
5	Thyroid	
6	Parathyroid	
	<b>Model</b>	
1	Goat Model In Show Case	
2	Rat Model In Show Case	
3	Rabbit Model In Show Case	
4	Man Fiber Model In Show Case	
5	Cow Model In Show Case	
<b>4th Semester</b>		
1	Permanent Slides Of Placoid, Ctenoid Scales	
2	Disarticulated Bones Of Frog	
3	Disarticulated Bones Of Varanus	
4	Disarticulated Bones Of Fowl	
5	Disarticulated Bones Of Rabbit	



	<b>Instruments</b>	
1	Haemocytometer	
2	Sahil's Haemoglobinometer	
3	Sphygmomanometer	
4	Stethoscope	
5	Tissue Paper	
6	Needle	
7	Spirit	
8	Cotton	
1	Permanent Slides In Mammalian	
2	Oesophagus	
3	Stomach	
4	Duodenum	
5	Ileum	
6	Rectum Liver	
7	Trachea	
8	Lungs	
9	Kidney	
	<b>Chemicals</b>	
1	Starch	
2	Sucrose	
3	Lactose	
4	Glucose	
5	Iodine Solution	
6	Potassium Iodide	
7	D-Glucose	
8	D-Fructose	
	<b>5th Semester</b>	
1	Polytene Chromosomes From	
2	Chironomous /Drosophila Laws	
3	Liquid Culture Medium	
4	Spectrophotometer (A260nm Measurement) Uv/Vis Single Beam	
5	Students Compound Microscope	
	<b>6th Semester</b>	
1	Permanent Slides Of Frog	
2	Cleavage Stages, Blastula Gastrula	
3	Neurula, Tail-Bnd Stages, Tadpole	
4	(External And Internal Gill Stages)	
5	Developmental Stages Of Chick Embryo Slides Primitive Stage	
6	(13&18) 21,24,28,33,36,48,72,And 96 Hours Incubation.	
7	Developmental Stages And Live Cycle Of Drosophila.	
8	Different Sections Of Placenta Slides	
9	Fossil's Model	