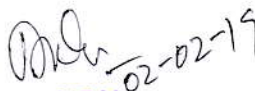


S.K.C.G. AUTONOMOUS COLLEGE, PARALAKHEMUNDI
DEPARTMENT OF PHYSICS
[Equipments, Chemicals & Lab updating requirements 2018-19]

Sl. No.	Name of Equipment & Chemical	Specification	Quantity
1	Studying Characteristics of a tunnel diode		02
2	Studying dielectric constant of dielectric materials (Lecher wire method)	Omega -ES-318	02
3	Diode laser diffraction experiment set up	ES-361	01
4	Travelling microscope (3motion) (BESTO quality)		04
5	Spectrometer (7") (Deluxe type, Brass Scale)		04
6	Sodium vapour Lamp (35 watt)		06
7	Transformer for sodium vapour lamp of 35 w		06
8	Turning fork set	Ragg England Model	02
9	Glass tube for stokes method		02
10	Burette (PVC type)		04
11	Copper sulphate		500gm x 6 bottles
12	Castor Oil		500 ml x 4 bottles

Sl. No.	For Infrastructure	Specification	Quantity
1	LCD Project with full HD resolution		01
2	Rolling Projector Screen, Size (8' x 6') (compatible with the projector)		01
3	Tripod stand (for the projector screen)		01
4	Black & white laser jet printer -cum scanner		01
5	HP computer	HP 13 5 th gen 4 GB RAM 1TB HD core i3 19" LED	02



 PRINCIPAL
 S.K.C.G (A) COLLEGE
 PARALAKHEMUNDI

(H.O.D)
 Signature with Date

S.K.C.G. AUTONOMOUS COLLEGE, PARALAKHEMUNDI
DEPARTMENT OF MATHEMATICS
[Equipments, Chemicals & Lab updating requirements 2018-19]

Sl. No.	Name of Items	Specification	Quantity
1	Office Table		02
2	Office chair (Movable chair) for teachers		05
3	Almirah		01
4	Book Shelf Almirah (glass fitted)		02
5	Aqua guard with rater facility		01
6	Notice Board		01
7	Stool		40
8	Podium (for Seminar, Conference)		01
9	Large white board		02
EQUIPMENTS			
1	Scientific Calculator		15
2	Computer		01
3	Colour Printer		01
4	Printer Cum Scanner		01

(H.O.D)
Signature with Date


PRINCIPAL
S.K.C.G (A) COLLEGE
PARALAKHEMUNDI

S.K.C.G. (AUTO/JR) COLLEGE, PARALAKHEMUNDI
DEPARTMENT OF CHEMISTRY (+2)

[Equipments, Chemicals & Lab updating requirements 2018-19]

Sl. No.	Name of Items	Specification	Quantity
	<u>List of chemicals</u>		
1	Tetrahydrofuran		
2	Dimethyl Formide		
3	Dimethyl Sulphoxide		
4	Potassium Pyrophosphate		
5	Potassium Chromate		
6	Sodium dichromate		
7	Sodium Thiosulphate		
	<u>List of Instrument</u>		
1	Digital Conductivimeter		
2	Digital Stop clock		
3	Ostwald Viscometer with 10 ml Capacity		
4	Digital PH meter		
5	Digital Single pan balance		
6	SONY LCD Projector With Screen (6' x 8') SONY UPL- D x 241 Desktop Project	(6' x 8') SONY UPL- D x 241 Desktop Project	01 nos
7	Desktop Computer	C-I3 4 GB Ram 1 TB Hard Disk 19.5" Monitor With 600 VA UPS Multi functional Printer with table	01 nos
8	Hot Air Oven	(18" x 18" x 18") With digital Temperature controller (Laboratory Type) Stainless steel temp range 50' C – 250' C	01 nos
	<u>List of Furniture</u>		
1	Steel Almirah		04 nos
2	office chair green soul cienna High Back revolving office chair High Back		01 nos
3	Water Purify t grand plus 8 liter mingal RO + or (Aqua guard Reniva) RO + UV + MTDSNXT		01 nos


PRINCIPAL
S.K.C.G (A) COLLEGE
PARALAKHEMUNDI

(H.O.D)
Signature with Date

S.K.C.G. Autonomous College, PARALAKHEMUNDI
DEPARTMENT OF BOTANY, ZOOLOGY & PG Life Sciences
[Equipments, Chemicals & Lab updating requirements 2018-19]

Sl No	Name of Item <u>(Equipments/Apparatus)</u>	Specifications
1	VORTEXER	3 inch platform, pop off cup (3200rpm) 4kg(165x122x165mm)
2	MICRO CENTRIFUGE	2 units Digital, High Speed(16000 rpm), LCD Display, 12x1.5x2 ml) Dimension L29-W27-H24 cm
3	MICROFUGE TUBES	
4	MINI SOUTHERN BLOT	6 Units[25x16x10cm], 200ml Buffer volume
5	PEN TYPE DIGITAL Ph meter	6 units [165x35x32mm], LCD[30X18mm], Accuracy[+/- 0.2pH] along with pH powder pouches
6	MINI DIGITAL AUTOCLAVE (LIKE UNIKLAVE)	Two Units, Top loading, 10Ltrs
7	ELECTROPHORESIS CLASSROOM KIT	10 UNITS
	<u>CHEMICALS</u>	
1	TE Buffer	2 bottles of 100ml pack(pH 8.0)
2	Tris HCl	5 packs of solid 100gm
3	EDTA	10 units of 3g AND 1 kg Combi-2(EDTA Mix Micronutrient)
4	SDS	1 Ltr pack
5	Isopropanol	10 bottles 1Ltr
6	Ethanol	25 bottles (500 ml)
7	RNAse	5 units(20mg)
8	Lysozyme lyophilized	10 units, Purified, Salt free, 1gm pac
9	Proteinase K	High Quality 3 packs(100mg)
10	DNA Markers (lambda DNA,HindIII,EcoRI)	5 units (0.1mg)
11	Uncut Lambda DNA	5 units
12	Uncut Plasmid DNA	5 units
13	ELISA TEACHING KITS	2 Units; along with all accessories

Principals
02-02-19
PRINCIPAL
S.K.C.G (A) COLLEGE
PARALAKHEMUNDI

Debabrata Saha
Dept. of
(Zoology)

Jayashankar Pal
(Botany & Pg life Sci)
(H.O.D)
Signature with Date

S.K.C.G. AUTONOMOUS COLLEGE, PARALAKHEMUNDI
DEPARTMENT OF GEOGRAPHY
[Equipments, Chemicals & Lab updating requirements 2018-19]

Sl. No.	Name of Items	Specification	Quantity
1	LCD projector With Screen		01
2	Printer for generation of maps		01
3	Desktop for statistical Analysis		02
4	Extention Board		01

(H.O.D)
Signature with Date


PRINCIPAL
S.K.C.G (A) COLLEGE
PARALAKHEMUNDI

