

Government Engineering College, Banka-813102

(Physics Laboratory)

S. No.	Items	Quantity
1	2	4
1	Capacitance & Permittivity	02
2	A Complete set for management of forbidden energy gap of a semiconductor diode	02
3	A Complete set for measurement of loss of energy of transformer matis	02
4	A Complete set for measurement of dielectric constant	02
5	A Complete set for measurement of accessories temperature	02
6	A Complete set for measurement of focal length by convex mirror using uv method	02
7	Vernier Callipers (Dial Type)	02
8	Bar pendulum with accessories	02


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(List of Chemistry)

S. No.	Items	Unit Price	Quantity
1	2		
1.a	Pipette- 25ml (Brosil)		10
b	pipette- 20ml (Brosil)		10
c	pipette-10ml (Brosil)		10
d	Pipette-5ml (Brosil)		10
2	Oswald viscometer		10
3	Specific Gravity Bottle 50 ml		10
4	Burret with Tefelon stop cock-50 ml		10
5.a	Beaker- 5ml.		10
b	Beaker-10ml.		10
c	beaker-25ml.		10
d	Beaker-50ml.		10
e	Beaker-100ml.		10
f	Beaker-150ml.		10
g	Beaker-250ml.		10
i	Beaker-100ml.		10
6.a	Conical Flask-10ml.		10
b	Conical Flask-25ml.		10
c	Conical Flask-50ml.		10
d	Conical Flask-100ml.		10
e	Conical Flask-250ml.		10
f	Conical Flask-500ml.		10
7.a	Volumetric Flask- 100ml.		10
b	Volumetric Flask- 250ml.		10
c	Volumetric Flask- 500ml.		10
8.a	Glass Funnel-2" dia		10
b	Glass Funnel-3" dia		10
c	Glass Funnel-4" dia		10
9a	Measuring Cylinder-5ml.		10
b	Measuring Cylinder-10ml.		10
c	Measuring Cylinder-25ml.		10
d	Measuring Cylinder-50ml.		10
e	Measuring Cylinder-100ml.		10
f	Measuring Cylinder-250ml.		10
10.a	Dropping Bottle with pipette & Rubber teat size-30ml.		05
b	Dropping Bottle with pipette & Rubber teat size-60ml.		05
c	Dropping Bottle with pipette & Rubber teat size-125ml.		05
d	Dropping Bottle with pipette & Rubber teat size-250ml.		05
11.a	Reagent bottle with narrow mouth-250ml.		05
b	Reagent bottle with narrow mouth-250ml.		05
c	Reagent bottle with narrow mouth-250ml.		05
d	Reagent bottle with narrow mouth-250ml.		05
e	Reagent bottle with narrow mouth-250ml.		05

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f	Reagent bottle with narrow mouth-250ml.		05
12	Test tube with rim-18x150mm		200
14	Glass Rod		10
15	Glass Tube		10
18	Retort Stand with clamp, Bose Head & Ring, Base Size-8"x5"(Heavy)		10
27	Cork Borer (Set of 6)- Heavy Quality		10
30	filter Paper 12.5 Cm		10
31	Sheet (Whatman No-1)		10
32	Mortal & Pestle porcelain- 3 " dia		10
33(b)	Triangular file		10
44	Digital Turbidity Meter (Table Top):- Display -3.5 digit LED, Range :- 0 to 1000 Ntun in 2 Ranges., Resolution :- 1 NTU Accuracy :-+3% FS +- 1 Digit, Light Source:- Volt-1 amp, Tungsten Lamp, Detector:- Photocell/ Photodiode.		01
45	Digital pH Meter (Table Top):- Display -3.5 digit LED, Range :- 0 to 14.00 mV 0 to +- 1999. Touch Button Calibration Resolution :- pH 0.01, mV 1, Temp. Compensation:- Auto 0 to 100 oc Manual 0 to 100 oc slope Control :- 80 to 120%		01
49	Molecular Weight Determination Apparatus by Ladberger App		02
50	Polarimeter with sodium Vapour Lamp		01
52	Stop Watch (Digital)		10
53	B. O. D. Bottle		10
54	Rubber Tube for Viscometer		05
55	Plastic Tub/Tray		10
56	Digital Temperature Indicator		02
57	Laser Printer & pen Drive		01
59	Test Tube Stand(Plastic)		20
60	Platinum Wire		10
61	Charcoal Block		10
62	Mouth Blow Pipe		10
63	China Dish		10
64	Water Bath		10
65	Centrifuge Tube		20
66	Iron Stand		20
67	Kips Apparatus (Glass)		01
68	Erlenmeyer Flask		02
69	Ordinary Thermometer		02

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(List of Engineering Mechanics laboratory)

S. No.	Items	Quantity
1	2	3
1	Combined Inclined plan & friction slide APPARATUS Composed of a 15x60 wooden board	02
2	Moment of Inertia of flywheel (with weight): Moment of inertia of flywheel (20cm dia) Comprising of carefully machine and balanced cast iron wheel and steel spindle in support on ball bearing in strong iron brackets. The wheel smoothly painted	02
3	Simply supported beam : Consisting of two compression thrust type 10Kg tubular spring balances fixed on wooden polished board, a wooden bar with steel back plate. Completed with stirrups, hook and two	02
4	Worm & worm wheel (with weight): Worm and worm wheel consisting of machine cut worm gear of 25cm dia carrying a metal drum of 12cm dia and machine cut worm on steel spindle carrying a 12cm dia pulley. The whole arrangement is fixed on heavy cast iron bracket capable to be fixed to a wall. complete with two adjustable pulleys, cord and hooks.	02
5	Screw jack (with weight): Screw jack All metallic construction accurately machine cut screw with a V pitch of 5mm carrying double flanged turn table of about 20cm dia. Fitted on heavy cast iron base and complete with two adjustable pulleys, cord and hooks.	02
6	Universal force table Apparatus: For experimentally verifying the laws of triangle, parallelogram and polygon of forces comprising of a equal circular 40cm, dia aluminum disc graduated in into 360 divisions(degree) , complete with leveling screw, clamping device to fix the table at any desired angle, five sliding clamp pulleys, central ring, string and five sets of iron nickelled slotted weight and one hanger of 50gm each	02
7	Pulley System different type (i) First system of Pulley with four single pulley all brass of 5cm with strings and two pans but without pulley frame. (ii) Second system of pulley with two triple long pulley large pulley 5cm., middle pulley 4cm dia and small pulley 2cm all brass with two but without pulley frame. (iii) Pulley with metal upright but with wooden base overjaul height about 80cm	02
8	Different Shapes of Geometrical Models	


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(List of Elements of Mechanical Engineering)

S. No.	Items	Quantity
1	2	3
1	Model of Cochran Boiler	02
2	Model of Spring loaded safety valve	02
3	Model of Lever safety valve	02
4	Model of Dead Weight safety valve	02
5	Model of Water Guard	02
6	Model of Feed check valve	02
7	Model of Blow off Cock	02
8	Model of Fusible Plug	02
9	Pure Reaction Turbine	01

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(List of Model for Mechanical Engineering Drawing)

S. No.	Items	Quantity
1	2	3
1	Model of tetrahedron	02
2	Model of Octahedron	02
3	Model of Dodecahedron	02
4	Model of Icosahedron	02
5	Model of triangular prism	02
6	Model of Square prism	02
7	Model of Pentagonal prism	02
8	Model of Hexagonal prism	02
9	Model of triangular pyramid	02
10	Model of Square pyramid	02
11	Model of pentagonal Pyramid	02
12	Model of Hexagonal Pyramid	02
13	Model of Cylindrical solid of revolution	02
14	Model of Cone solid of revolution	02
15	Model of sphere solid of revolution	02
16	Model of frustum solid of revolution	02
17	Model of truncated solid of revolution	02

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BASIC ELECTRICAL ENGINEERING LAB

Sl.NO.	Name of Instruments	Rate per Unit (Rs)
1	Network Theorem Trainer for performing the following Experiments (i) Ohm's Law (ii) KCL and KVL (iii) Thevenin's and Norton's Theorems (iv) Superposition Theorem (v) Maximum power transfer theorem	04 Sets
2	A complete set of Measurement of Power and power factor in a single phase RLC circuit	02 nos
3	A complete set of Measurement of B-H curve	02 nos
4	A complete set of power and power factor of a 3phase circuit by using two wattmeter method	02 nos
5	A complete set of V-I characteristics of tungsten and carbon filament bulbs	02 nos
6	A complete set of improvement of power factor by shunt capacitor	02 nos
7	A complete set of measurement of power by three voltmeters method	02 nos
8	A complete set of measurement of power by three ammeters method	02 nos
9	Variac 1 phase 230 V Experiments , 10A, 50 HZ	02 nos
10	Induction box 1.5 mH X 7	02 nos
11	Capacitance box	02 nos
12	Resistor load bench 2 KW max. load	01 no.
13	Rheostat 50 Ω, 5 Amp 100 Ω 5 Amp	04 nos
14	Wattmeter 5 - 10 A/ 150 - 300 - 600V	02 nos
15	Ammeter 5-10 Amp	04 nos
16	Voltmeter 150/300/600V	04 nos
17	Resistors 450 Ω to 1 Ω - 10 mΩ	100 pcs each
18	RL load box	02 nos
19	30 MHz two channel four trace micro-controlled based oscilloscope Rs- 232 interface and PC software	02 nos.

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Basic Electronics and Digital Electronics

Sl. No.	Name of Instruments/Type/Specification	Quantity
1	P-N Junction Diode Characteristics Apparatus with panel & Meters	02 nos.
2	A Complete set of characteristics for PNP & NPN transistor	02 nos
3	DC Regulated power Supply output 0-30 Volt Dc Continuously variable by mean of coarse & fine control Max current: 2Amp	02 nos
4	UJT Characteristics Apparatus UJT Relaxation oscillator with panel & Meters	02 nos
5	MOSFET characteristics apparatus with panel & Meters	02 nos
6	SCR characteristics apparatus with panel & Meters	02 nos
7	FET characteristics apparatus with panel & Meters	02 nos
8	Clipping & Clamping circuit Apparatus	02 nos
9	Operational Amplifier as Inverting Non- Summing & Difference Amplifier with one Digital Voltmeter	02 nos
10	Operational amplifier as Differentiator & Integrator	02 nos
11	Logic Gates using Six TTL IC's (6 in1)	02 nos
12	Basic Logic Gate using Discrete Components (7 in1)	02 nos
13	Digital Logic Trainer (Logic Gates, Boolean Identities & Demorgan's Theorem)	02 nos
14	Verifications of truth Tables of Logic Gates using Universal Gates	02 nos
15	Digital multi meter	10 nos
16	Passive components (resistance, capacitance)	50 nos. of variable values.
17	Multi-strand wires and single strand wires	01 Pkt each
18	Bread boards	10 nos
19	Cutter	02 nos
20	Multivibrators (Astable / Monostable)	02 nos
21	Digital storage oscilloscope (4 channel, 70 MHz	02 nos
22	Dc regulator with the help of zener diode	02 nos
23	Half wave and full wave rectifier kit with filter	02 nos
24	Universal Electronic Trainer kit with four Bread Board power supply:- analog (AC & DC) Constant and Variable and digital 8 bit input	02 nos
25	Universal IC tester	01 no.
26	Diode 4007/5408, Zener Diode 5V, 10V	100 pcs each.
27	Transistor BC 107, SL 100, SK 100, BF 190	50 pcs each.


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Computer and Accessories

S. No	Name of Instruments/Type/Specification	Rate per Unit
1	Desktop Computer-Dell/HP/HCL/COMPAQ-Powerful performance, the latest Intel (R) processor, and a sleek, colourful, compact design make up the newly redesigned Desktop, Intel (R) Core™ i5 Processor (Complete Set) with high Configuration accessories.	60
2	(1) UPS (On lie) -10KVA with atleast 60 min back up with isolation Transformer. Warranty on battery (2) UPS (Off line)- 600 VA, Back up 10 to 20 min.	01 60
3	HP- All in One printer	05
4	Antivirus (Quick Heal/Norton/Mcfee) 10-15 users	08
5	Fire Extinguisher - Cox 4.5 Kg Capacity	

5. *Rice*

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OTHER EQUIPMENTS

S. No	Name of Instruments/Type/Specification	Rate per Unit
1	Photocopier with stabiliser	01
2	RO Storage Cooler cum Purifier- Approx dimension 640x450x1350 mm, operating power Supply- 170 to 240V AC single phase, running Current- approx. $4.5 \pm 10\%$, power $700 \pm 10\%$ W, Water storage capacity -80 litres	01
3	Fire Extinguisher - Co ₂ 4.5 Kg Capacity.	04
4	AC 1.5 t with stabiliser.	02


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• **Silent Gen-set**

Item with Specification		Quantity	
Silent Gen-set kirloskar/ Mahindra/ Jakson / Ashok Leyland Ltd. Make		01	
i	Power rating		62.5 KVA
ii	Phase		3 phase 415V
iii	Battery Capacity		90-100Ah
iv	Fuel Tank Capacity		140-150Liter
v	Speed		1500 rpm
vi	Type of Fuel		Diesel
vii	Cylinder		04
viii	Rated current		8-87 Amp.
ix	Power Factor		0.8-0.85
x	Rated K.W.		50-60 K W
xi	Starting System		12V DC
xii	Engine cooling	Liquid/ water cooled	
General Features should be			
i	Ease of access and serviceability for routine		
ii	Weather and sound resistant enclosure		
iii	Perfect insulation for flammability		
iv	LCD Display		
v	Low emission and high efficiency of Engine as per norms of CPCB		
vi	Low Fuel and Lubricant oil consumption		
vii	Long maintenance intervals		
viii	Low Noise and Vibration		

Note:- The supplier must quit the cost of installation and commissioning separately.

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List of Books

No	Book Name	Authors	Quantity
1	Engineering Chemistry- AKU	Wiley Series	100
2	Engineering Mathematics - 1- AKU	Wiley Series	50
3	Engineering Mathematics - 2- AKU	Wiley Series	50
4	Environmental Science - AKU	Wiley Series	100
5	Workshop Practice - AKU	Bawa	05
6	Commuicativ English - AKU	Wiley Series	100
7	Engineering Graphics - AKU	Wiley Series	50
8	Fund of Information Technology - AKU	Shanmugum	50
9	Basic Electrical Engineering - AKU	Kothari	50
10	Basic Mechanical Engineering - AKU	Marks Stamp	05
11	Information Security - AKU	Dreamtech	30
12	Objec Oriented Programming - AKU	B.L. Theraja	100
13	A Textbook fo Electrical Technology - 1	Dhawan, R.K.	10
14	A Textbook of Engineering Drawing	Dass, H.K.	100
15	Advanced Engineering Mathematics	Kreyszig E	20
16	Advanced Engineering Mathematics	Ashok Kumar	10
17	Applied Engineering Chemistry	Silakari	20
18	Basic Computer Engineering and Designers	R.R.Singh	10
19	Basic Electrical & Electronics Engineering	Jegathesan	50
20	Basic Electrical And Electronics Engineering	Singh	10
21	Basic Electrical Engineering	Gailkwad	10
22	Basic Electrical Engineering	Jena	10
23	Basic Electrical Engineering	Fitzgerald	100
24	Basic Electrical Engineering	Pradeep Kumar	20
25	Basic Electrical Engineering & Electronics	Sharma	10
26	Basic Electronics Engineering	Baru	10
27	Basic Inorganic Chemistry	Cotton	05
28	Basic Mechanical Engineering	Agrawal	50
29	Basic Mechanical Engineering	Mubeen A	20
30	Basics of Electronics Engineering	Wiley	10
31	Chemistry of Engineers	Agnihotri	20
32	Communicative English for Technical Students	Kalpna Singh	30
33	Concepts of Modern Physics	Beiser	05
34	Concise Engineering Chemistry	Goel	20
35	Design Data Hanbook For mechanical Engineers	Mahadevan	50
36	Electrical Machines	Bhimbhra	50
37	Electical And Electronic Technology	Hughes	10
38	Electrical Technology	H. Cotton	20
39	Elements of Enviroment Pollution Control	O.P. Gupta	30
40	Elements of Mechanical Engineering	Kittur	05
41	Elements of Mechanical Engineering	S.N.Lal	100
42	Engg. Mech. Strngth of materials and Elements	Venkatramaiah	10
43	Engineering Chemistry	Chawla	20
44	Engineering Drawing	Jolhe	10
45	Engineering Drawing	Phatak	10
46	Engineering Drawing	N.D. Bhatt	150
47	Engineering Drawing & Graphics Using Autocad	Jeyapooan	05
48			

	Engineering Graphics	Phull	05
50	Engineering Mechanics	Khumi, R.S.	100
51	Engineering Mechanics - Statics	Meriam	05
52	Engineering Mechanics - Statics & Dynamics	Shames/Rao	10
53	Engineering Mechanics - 2	Jindal	20
54	Engineering Mechanics of Solids	Popov	05
55	Engineering mechanics Statics & Dynamics	Rajasekaran	05
56	Engineering Mechanics : Dynamics	Meriam	05
57	Engineering Physics	Sarin	05
58	Engineering Physics	Kakani	05
59	Engineering Physics	Wiley India	05
60	Engineering Physics	Katiyar ✓	100
61	Engineering Physics	S.L. Gupta	05
62	Engineering Physics - 1	Rajive Lodhi	05
63	Environmental Studies	Daniels, Krishnaswamy	10
64	Essen. Of Experi. Engg. Chemistry	Chawla	10
65	Fund. Of Engineering Drawing & Autocad	Parvez	05
66	Fundamentals of Electrical Engineering	Bharti Dwivedi	10
67	Fundamentals of Information Technology	Leon	10
68	High School English Grammar & Composition	Wren & Martin	05
69	Higher Engineering Mathematics	Ramana	30
70	Higher Engineering Mathematics	Grewal	150
71	mastering AutoCAD and AutoCAD LT - 2014	Omura	05
72	Physics- 1	Halliday ✓	05
73	Physics- 2	Halliday ✓	05
74	Principles of Physics	Walker	10
75	Technical Communication : Principles	Meenakshi Raman	20
76	Textbook of Engineering Physics	Kakani Malik	100
77	Textbook of Environmental Engineering	nelson	10
78	Vector Mechanics for Engineers	Beer & Johnson	20
79	Word Power Made Easy	Norman Lewis	20
80	Workshop Technology - 1	Hajra, Chaudhury	30
81	Workshop Technology Vol. 1	Raghvan	10
82	Workshop Technology Vol. 2	Raghvan	10
83	Workshop Technology Vol. 1	Chapman	05
84	Environmental Chemistry	H.Kaur	100
85	Workshop Technology - 2	Hajra, Chaudhury	30
86	Workshop Technology Vol. 2	Chapman	05
87	Workshop Technology Vol. 3	Chapman	05


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Sl. No.	Name of the Journal	Frequency	Qty
1	Indian Journal of Advances in Civil Engineering	2 Issues	02
2	Indian Journal of Applied Math & Computer Science	2 Issues	02
3	Indian Journal of Civil Mechanical Engineering	2 Issues	02
4	Indian Journal of Computer Science & Applications	2 Issues	02
5	Indian Journal of Computer Systems, Networks & Communications	2 Issues	02
6	Indian Journal of Electrical & Electronics Engineering	2 Issues	02
7	Indian Journal of Electrical, Computer & System Engineering	2 Issues	02
8	Indian Journal of Electronics & Communication Engineering	2 Issues	02
9	Indian Journal of Fluids Engineering & Mechanical Engineering	2 Issues	02
10	Indian Journal of Industrial Electronics & Control	2 Issues	02
11	Indian Journal of Information Technology	2 Issues	02
12	Indian Journal of Materials Science	2 Issues	02
13	Indian Journal of Mechanical Engineering	2 Issues	02
14	Indian Journal of Mechanical Engineering & Physics	2 Issues	02
15	Indian Journal of Mechanics & Technology	2 Issues	02
16	Indian Journal of Networking & Computer Engineering	2 Issues	02
17	Indian Journal of Networking & Technology	2 Issues	02
18	Indian Journal of Power & Energy Systems Engineering	2 Issues	02
19	Indian Journal of Software Engineering	2 Issues	02
20	Indian Journal of Wireless Communication & Networking	2 Issues	02
21	Intl. Journal of Advances in Physics	1 Issues	02
22	Intl. Journal of Advance in Pure & Applied Chemistry	1 Issues	02
23	Intl. Journal of Civil & Building Engineering	2 Issues	02
24	Intl. Journal of Computer Engineering Information Technology & Engg.	2 Issues	02
25	Intl. Journal of Electrical Power	2 Issues	02
26	Intl. Journal of Multimedia & Technology	2 Issues	02
27	Intl. Journal of Power Generation	2 Issues	02


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28	Intl. Journal of Thermal Engineering & Technology	2 Issues	02
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List of Furniture

No		Quantity
1	<p>Godrej Maestro table set :- table made of MDF Board clad with laminate, Desk ERU are post formed desk top size 1800 x 900 x 750, ERU of size 1200x 600 x 730 with drawers unit & one mobile drawer unit of size 1400 x 400 x 760 x & book case unit of size 790 W x 400D x 2200H</p>	1 set
2	<p>Godrej storwel plain with four shelves :- Storwel made of mild steel CR sheet of grade D as per IS - 513 1994 of size 1980H x 916W x 486D MM multi bend construction and inter locking design and full length over lapping doors and sides. Three way bolting mechanism. Spot welding & CO2 welding. Anticorrosion treated components, over baked powder coating process. Material thickness 0.9mm. Top, bottom, LH&RH side and back material thickness = 0.9mm, removable RH &</p>	40
3	<p>Godrej Chair model PCH-7044T setback assembly:- the seat made from 12cm thick hot pressed plywood and back injectin moulded from black co-polymer polypropylene are upholstered with fabric and moulded polyurethane foam together with seat and back covers. The back foam is designed with contoured lumber support or extra comfort. Seat size 45.0 cJ W x 42.0cm D X back size 39.0cm W X 38.0 cm H seat/back cover the seat and back covers are injection moulded in back co-polymer polypropylene. The polypropylene foam is moulded with density 45 +/- 2kg/sq m. hardness 20+/-2 on hamptden machine at 25% compressin. Ararest assembly : the ararest assemblies are available in the different types T -types assembly teh ararests are made of black integral skin polyurethane with 50-70 shore A hardness and reinforced with MS. Insert. The P U ararests are then fixed to black powder coated ararest brackets made of 0.5 cm thick HR steel</p>	120
4	<p>Godrej table model T31:- made of MS ERW round tube dia 25.4 X 1.2 mm thick with 25mm thick pre laminated top size 3 X1'6 with one side one drawer unit made of 5mm thick CRCA sheet mild steel all steel components have power coated paint fitted with lock.</p>	6
5	<p>Godrej Kareanna mid back chair PCH 9P02TC :- seat & back made up of 1.2cm thick hot pressed plywood upholstered with fabric & moulded polyurethane foam havind density of 45+/- 2kg m3 & hardness 20+/- 2 weighn the bck size 48cm W X 66cm & seat size 50 mounted on fixed MS tubular armrest support chrome plated, static vertical arem supported adjustment jcf+/- 1.5cm. front pivot synchro mechanism having 360 degree revolving type, single point control front pivot with tilt fit resting on ground, tilt tension adjustment, 4 position locking with antishock feature & the seat back tilting ratin 1.2 (11 degree seat tilt, 22 degree back tilt) with back rest pneumatic lenght adjustment of 10cm& the legs is fabricated from CR steel, chrome plated witht black polypropylene hup cap and 5 nos. twin wheel castors [Castor wheel dia 5.0 cm] the pedestal is 65.0 cm pitch-centre dia. 75.0</p>	10

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6	<p>Godrej Monarch chair PCH - 9N01A X : revolving chair sharp & elegant design with reach leather finish ergonomically design with natural leather up holster at all contact areas knee tilt synchronous mechanism with four position locking & anti shock feature, height adjustable arrest.</p> <p>Godrej Kareena visitor chair PCH 9P12T seat/ back assembly:- the seat is made up of 1.2 cm, thick hot pressed plywood upholstered with fabric and moulded polyurethane foam. The back is made up 1.2cm thick hot pressed plywood upholstered with replaceable fabric upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumbar support for comfortable seating posture. MID back sle 48.0cm W X 64.5cm H Seat size 51.0 cm W X 48.0cm D polyurethane foam: the polyurethane foam for seat and back is mulded with desity= 45 =/ 2kg m³ and hardness =20 = Zarners: teh armrest top is amde of moulded polyurethane (U.P) and mounted on to a fixed type M.S tubular armrest support chrome plated. The arm support has static certical adjustment of =- 1.5cm fixed backrest: the back rest consists of a fixed type mechanism le no back up/down adjustment, LEG fame assembly : leg frame welded assembly.</p>	10
7	<p>Godrej Class room desk cum bench model scholar 1048W desk cum bench: scholar combines the elegance of wood with the strenght of steel. Its ergonomically designed to minimize fatigue. This two seater model is best suited for schools and colleges. Dimensin 1048 x 865 x 750 Appxdest panel seat, back the panels are made from 18mm thick pre laminated boards with PVC edge banding on all sides, undersructure- mede from 18mm thick pre mmm X 1.5 mm thi:power coated ERW tubes at base which are welded to the desk and seat supports that are made of 1.0mm thick powder coated MSC sections. Stiffeners that are provided between the vertical frames at base and back of seat are made from 25.4 X 25.4 X 1.2 mm thick powder coated ERW tubes. The tubes are closed with plastic caps. Additional horizontal supports of 1.5 mm thick powder coated MSC section are paeed blow the desk and seat to add to the rigidity of the structure. The storage shelf is made from 0.8mm thick powder coated MS sheet which is affixed below the desktop. Hooks</p>	150
8	<p>Godrej Table Model T-8: made of MS ERW round tube dia 25.4 x 1.2mm thick with 25mm thick CRCA sheet mild steel, all steel compments have powder coted paint fitted with lock</p>	30
9	<p>Godrej table model T-9 : Executive table made of MS ERW round tube dia 25.4 X 1.2mm thick with 25mm thick pre laminated top size 1365W X 680 D with both side drawer unit one sie three drawers & another side two drawers made of 5mm thick CRCA sheet mild steel all steel</p>	10
10	<p><small>Godrej Monarch chair monarch coated paint fitted with both side drawer lock</small></p>	


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11	<p>Godrej Bravo visitor chair model OCH- 9U12R seat: back assembly: the seat and back are made up of 1.2 cm thick hot-pressed plywood, upholstered with fabric upholstered with fabric upholstery covers and moulded polyurethane foam. The back foam is designed with contoured lumber support for extra comfort. the seat has extra thick foam on front edge to give comfort to popliteal area. Dimension back size 47.5cm W X 58.0 H & seat size 47.0cm X 48.0 cm D polyurethane foam: the polyurethane foam is moulded with density = 45 +/- 2kg/ m3 and hardness =20+/- 2 at 25% compression armrests: the one piece armrests are injection moulded from black co-polymer</p>	25
12	<p>Godrej Computer Table:- (i) Model - Companion C3 (ii) Dimension - (in cm) (iii) Width - 123 (iv) Depth - 61 (v) Height - 77</p>	80
13	<p>Waiting Hall 3 Seater Chair(Godrej Make) Metal Perforated 3 seater Bench having of size: W 1680 mm X D 570 mm X H 850 mm Seat height 460 mm, SEAT/BACK FRAME ASSEMBLY: The seat and back are made of 18BG thick CR steel perforated sheets which are welded to a seat/back frame assembly made of Dia. 1.9cm (3/4") x 16BG thk MS ERW tube. Connecting Strips made of 0.5cm thick HR steel are welded to the structure for assembly with the connecting beam. SEAT SIZE: 39.0cm. (W) X 41.5cm. (D) (Approx.) BACK SIZE: 39.0cm. (W) X 21.5cm. (H) (Approx.). ARMREST: It is made up of oblong tube of size 35mm x 15mm x 1.6Thk. & Dia. 15mm bright bar welded to seat & back frame assembly. CONNECTING BEAM ASSEMBLY: It is a U-shaped fabricated assembly made of Dia. 3.81cm. (1 1/2") x 14 BG. MS ERW twin tubes. The connecting tubes are welded together with MS base plates made of 12BG thick CR. Steel and mounting plate made of 0.5cm thk HR Steel. Threaded inserts are provided on both ends of each connecting tube for fixing leg assembly on each side. The connecting beam assembly is powder coated. LEG ASSEMBLY: It is a 2-piece fabricated to form a box section made of 16BG thk. CR steel. Threaded nuts are welded to the box section for fixing adjustable glide</p>	3
14	<p>Chemistry lab table size-8'x5'x3' made of sal (sakhua) wood with 16 nos of cup board made of water proof kit ply board with locking arrangement and staining back. Leg size-3'x3"x3", top size-8'x5"x3/4" (green/century water proof ply), staining rack 4'x8"x2.5"</p>	04
15	<p>8'x5' granite stone 1/2" thick with mould 1" thick for chemistry lab table</p>	04

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16	Physics lab table size-7'x4'x3' made of shisham wood, leg size-3'x3'x3", thickness of top - 1.25", patti 4" X1.5", pustam 2"X1.5", chan 3"X1.5" etc	0.3
17	Principal's period chart board 3' X 7' 18mm water proof ply with 10mm thick teak ply with polish. Drawing table (inch) Fixed Back height -41 inch front height -35inch Depth - 21 inch width - 30 inch	0.1
18	leg frame made of 25mm x 25mm 8 square pipe Top table framing of 25 mm x 25mm angle. Brook selves(glass door storewel) 4 door : 914 mm (W) x320 mm (D) x 1742 mm (H). Lecture stage size 10 inch x6 inch x1 inch . leg - 9" x3"x3", Top-1" made of sal/ shisham wood.	1.50
19	10 inch x6 inch x1 inch . leg - 9" x3"x3", Top-1" made of sal/ shisham wood.	0.5
20	Steel Rack with 6 shelves 6'0"x36"x18" powder coating, wood capacity-50-60 kg	0.8
21	Plastic chair NeeKamal Make/ Supreme make	2.0
22	Drawing Board 32 inch x23 inch x 18 mm made up of pine wood.	1.50
23	Stool wooden(shisham wood):- 1.5'x1'x2', small size	1.50
24	Stool wooden(shisham wood):- 1.5'x1'x2.5', big size	5.0
25	Notice board:-6'x4' with aluminium frame non breakable glass with soft back (pin board) with with lock	0.2
26	Green writing board magnetic (1200x3000mm2)	0.3
27	Engg. Mechanics lab table size-7'x4'x3' made of shisham wood, leg size-3'x3'x3", thickness of top - 1.25", patti 4" X1.5", pustam 2"X1.5", chan 3"X1.5" etc	0.3
28	Elements of Mech. Engg. Lab table size-7'x4'x3' made of shisham wood, leg size-3'x3'x3", thickness of top - 1.25", patti 4" X1.5", pustam 2"X1.5", chan 3"X1.5" etc	0.3
29		


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