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## College Profile

College Code	301 College Name	Govt shyamlal pandaviya college, morar,gwalior
Year of Establishment	1970 Construction	1988

NAAC Grade B+

Total Teaching
Sanctioned Posts
Total PhD Student

42 Total Teaching Filled Posts 38
Total PhD Student

28 Total Specially Abled Student 6

Course wise UG Student Strength

Science	Arts	Commerce	Home Science	Total
913	1161	764	0	2838
Course wise PG	Student Str	ength		
Science	Arts	Commerce	Home Science	Total
65	112	62	0	239
Category wise U	G Male Stud	dent Strength		
ST	SC	OBC	UR	Total
8	783	1014	903	2708
Category wise U	G Female St	tudent Strength		
ST	SC	OBC	UR	Total
1	41	28	60	130
Category wise P	G Male Stud	lent Strength		
ST	SC	OBC	UR	Total
1	74	50	60	185
Category wise P	G Female St	udent Strength		
ST	SC	OBC	UR	Total

## College Institutional Development Plan

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Sub Activity	Quantity	Amount	Remarks
New Construction			
Chemistry Laboratory 80 seater at Ground Floor	1	1900000	
Class Rooms 50 Seater at FF/SF/TF	4	9000000	
Computer Laboratory 50 seater at Ground Floor	1	1900000	
Girls Common Room of 350 sqft with attached toilet in Ground Floor	1	550000	

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Girls Toilet of 3 WC unit with 1 disable friendly at Ground Floor	1	500000	
Library of 1200 Sqft at FF/SF/TF	1	1900000	
Library of 1200 sqft at Ground Floor	1	1900000	
	Total	17650000	
Renovation and Repair			
Botany Laboratory	NA	100000	the lab suffers from leakages etc and situated in a very old building . hence renovation is needed
Chemistry Laboratory	NA	100000	dept is for p.g.students and ph.d. students . it needs renovation for research etc and proper placing and eqiipments maintenance etc
Distribution Network including Pump and pipe line (For building campus)	NA	300000	a new set up and renovation is needed for campus network including pumps.
Electrical Maintenace Works (For college campus and building area like corridor/passage etc )	NA	300000	strong network is needed for electrical maintenance etc.
Geography Laboratory	NA	20000	renovation is required.
Iron Work for Door/Gate/Window (For building area like entry/passage/corridor etc.)	NA	500000	college is in many blocks and corridors. gates, channels and such other works are required.
Other Repair Works in Building/Block (specify in Remaks column)	NA	6000000	we have a multipurpose hall of more than 7000 sq feet or so. after complete renovation it can be used for classes, indoor games ,gym and other many purposes.highly recommended.
Physics Laboratory	NA	100000	lab is inan old building and also lab of comp sc dept and electronics lab are there . renovation is recommended.
Seminar Hall	NA	300000	we already have a hall. it needs an extension to accommodate more participants .corridor will be used for extension etc.
Zoology Laboratory	NA	100000	it has a lab and a small museum also. class is also in the dept. renovation is required.
	Total	7820000	

Purchase Equipment		
Almira	50	1000000
Announcement System/ PA	1	150000
Audio System for Auditorium	1	30000
Books/ Journals	6000	2000000
CCTV Camera with monitor & HDD	45	500000
Chemical and Glassware etc.	150	200000
Compactors for Library	10	300000
DG set	1	1200000
Equipment for Botany / Environmental Science Lab	74	235994
Equipment for Chemistry Lab	33	804500
Equipment for Computer Lab	277	3346750
Equipment for Geography Lab	175	660815
Equipment For Language Lab	50	2000000
Equipment for Physics Lab	249	2630390
Equipment for Zoology Lab	124	3741850
Fans	100	250000
Fire Extinguisher	20	160000
Green Board/White Board	20	200000
Gym Equipment	10	1200000
LCD Projector	5	300000
Office Chairs	70	350000
Office Tables	20	200000
Projector Screen	5	40000
RO Water Plant	3	60000
Sports Equipment	25	300000
Student Furniture	200	1000000

Water Cooler	4	120000	
Tracer Cooler	Total	22980299	
ICT	Total	22900299	
ICT			
Amplifier with speakar	1	25000	
Anti virus	100	60000	
Collor Mic.	1	2000	
Computer	50	2000000	
Digital Podium	3	750000	
Digital video camera	4	100000	
Document Presenter	3	30000	
Duplex Printer	4	1200000	
ICT Other	2	200000	
Interactive Board	2	25000	
Language Lab Software	1	1000000	
Laptop	7	420000	
Microphone	2	8000	
Multi Function Printer	2	80000	
Networking- Broadband, LAN	1	30000	
Photo Copier	3	125000	
Scanner	5	40000	
Server	1	20000	
Television	3	60000	
UPS 5 KVA	6	125000	
Utility Software	1	1800000	
	Total	8100000	
Academic Excellence			
Academic support ( Lectures from academic experts etc.)	NA	350000	AT LEAST 10 LECTURES PER YEAR FOR 3 YEARS, INCLUDING TA. AND D.A. ETC

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Educational Tours / exchange program	NA	200000	FOR NEST 2 YEARS
Industrial and Culture tour	NA	100000	2 TO 4 SUCHVISITS
Programm for Co-curricular and extra curricular activity (On out souce basis)	NA	300000	FOR EXTENSION, LITERARY, CULTURAL ACTIVITIES ETC
Research and development support activities	NA	200000	FOR OTHER RESEARCH DEPTS. COLLEGE ALREADY HAS 3 SUCH RESEARCH DEPTS.
Sensitization Programme for Gender Justice (Self defence camp,save girl child,interactive programme,disable etc.)	NA	200000	FOR NEXT 3 YEARS FOR VARIOUS CAMPS
Student support activity (Mock Test, Book Support, Helpdesk etc.)	NA	300000	FOR SEED MONEY FOR HELP DESK AND OTHER REGULAR ACTIVITIES
Training Programs	NA	200000	FACULTY AND STUDENTS TRAINING PROGRAMMES
Workshops/ seminars ( staff/ faculty/ student)/ Conference	NA	450000	FOR SEMINARS OF STUDENTS AND STAFF ETC
	Total	2300000	
Increase Employability			
Alumni meet	NA	100000	for the next 3 years
	Total	100000	
Barrier Free Design for college (Specially a	bled student)		
At least one disable friendly Toilet at each Floor	NA	1500000	COLLEGE IS HAVING VARIOUS BLOCKS DISCONNECTED WITH EACH OTHER
	Total	1500000	
Environment friendly requirements			
Bore well	NA	400000	two to three borewells
	Total	400000	
Increase Employability			
Coaching for Competitive Exams	NA	600000	2 training programmes of 30 to 35 days each in each year for 3 years. material to be supplied to students, mock tests etc too.
	Total	600000	
Barrier Free Design for college (Specially a	bled student)		

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Disable friendly Audio Content E-book	NA	30000	to cater visually impaired students. every year we have about 6 such students
	Total	30000	
Increase Employability			
Enhance interaction with industries , MOU and other related activities	NA	130000	m.o.u. with national level institutions for research, employability etc. and registration of alumni association etc.
Entrepreneurship development small scale industries program	NA	200000	2 programmes of entrepreneurship development cell each year for 3 years
	Total	330000	
Man power resource ( on out source basis	5)		
For other	NA	1400000	MULTIPURPOSE RESOURCE FOR LIBRARY, SPORTS AND EXTENSION ACTIVITIES ETC FOR 3 YEARS
For Placement Cells	NA	700000	FOR PLACEMENT CELL AND FOR TRACKING FOR THREE YEARS
	Total	2100000	
Environment friendly requirements			
Green campus/Botanical garden etc.	NA	100000	FOR GREENERY IN THE COLLEGE AND TREE GUARDS ETC
	Total	100000	
Promotional Activities (to increase the inta	ake )		
Pamphlet, Booklets, Newsletters, Prospectus, Leafs etc. ( only nominal expenses)	NA	70000	for 3 years for printed materials, leaflets,banners etc for 3 years
	Total	70000	
Barrier Free Design for college (Specially a	ibled student)		
Proper access/ route for all the specially abled student (In Drinking water, Reception, Parking, Entrance, Gate, Corridor, Passage, Lobby etc.)	NA	200000	for proper access of specially abled students
Ramp/Infrastructure for the disabled students upto First Floor	NA	300000	for access to seminar hall and other places of different first floor e.g.library
Ramp/Infrastructure for the disabled students upto Ground Floor	NA	60000	general purpose access

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	Total	560000	
Environment friendly requirements			
Sanitary napkin incinerator *	NA	30000	for girls common room toilet
	Total	30000	
Social Welfare activities		'	
Sanitary napkin vending machine for girls in girl's common room or Girls Toilet *	NA	35000	for girls common room
	Total	35000	
Barrier Free Design for college (Specially a	bled student)		
Signages	NA	20000	MISCELLENEOUS
	Total	20000	
Social Welfare activities			
Social Responsibility cell	NA	100000	seed money for cell
	Total	100000	
Barrier Free Design for college (Specially a	bled student)	'	
Wheel Chair	NA	24000	for serving the differently abled students at various points of time
	Total	24000	
		64849299	

## Lab Equipment

ltem	Specification	Rate per Unit	Quantity	Amount
Equipment for Botany / Envi	ronmental Science Lab			
Autoclave Portable		11025	1	11025
Autoclave Vertical Cap. 50 litre		15200	1	15200
Binocular Dissecting Microscope		10000	5	50000

Blackman.s apparatus		1000	5	5000
Camera Leucida with Filter (Micro Type)		3000	2	6000
Camera Leucida with Filter (Prism Type)		3000	2	6000
Centrifuge Machine 3500 rpm		15000	1	15000
Compound Microscope		14200	5	71000
Digital Thermometer		250	2	500
Dissecting Microscope		3000	5	15000
Distillation Apparatus Double Distillation Capacity 5 Litre		5569	1	5569
Ganongs potometer		900	2	1800
Ganongs respirometer		900	2	1800
Magnetic Stirrer with Hot Plate		2100	1	2100
Maximum Minimum Thermometer		1500	2	3000
Moll.s half leaf apparatus		600	2	1200
Quadrats		100	20	2000
Slide Cabinet with 12 showcase		8000	1	8000
Slide Reader		1200	5	6000
Wilmotts Bubbler		1200	4	4800
Wodden press for Herbarium		1000	5	5000
			Total	235994
Equipment for Chemistry La	b			
Bomb calorie meter		200000	1	200000
Centrifuge		4000	1	4000
Digital Conductometer	with cell1cc and 0.1cc	14000	1	14000

Digital Melting point Apparatus	16000	1	16000
Digital PH meter with NA electrode(LCD Display	13500	2	27000
Digital Photoelectric 8 filter,1 ml colorimeter	12000	2	24000
Digital Polari meter With 10 and 20cm tube research model	32000	1	32000
Digital Potentiometer With hot plate and elec	trodes 12000	1	12000
Distillation Apparatus single distillation 5 litre	s 15000	1	15000
Dryer with temp. controller	1500	1	1500
Fire extinguisher	20000	2	40000
High precision Thermostatic water bath	35000	1	35000
Micro centrifuge	20000	1	20000
Micro Processor based instrument for water analysis	40000	1	40000
Microwave oven	20000	1	20000
Pc Based Double beam UV - 2nmB/W (including oper Vis. Spectrophotometer	rative software ) 260000	1	260000
Sole extraction unit  apparatus  Unit of 3	12000	1	12000
Sprayer	1000	2	2000
TLC kit	20000	1	20000
Water bath (Cu) 4"	1000	10	10000
		Total	804500
Equipment for Computer Lab			
An-List 3 Year Membership(for college with 12B,2f)	17250	1	17250
Antivirus	800	50	40000
Barcode Network Printer	25000	1	25000

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Barcode Scanner		5000	1	5000
Computer		40000	60	2400000
Computer Chair		2500	60	150000
Computer Table		3000	60	180000
E-Box		25000	1	25000
Hub/Len		30000	1	30000
Internet Connection		20000	1	20000
Laser Printer		15000	2	30000
M.S.Office Software		6000	30	180000
Scanner		5000	2	10000
Solar Software 2.0 Limited		34500	1	34500
UPS(Online) 5KVA		150000	1	150000
Wi-Fi Router (50m -Range)		10000	5	50000
			Total	3346750
Equipment for Geography L	ab			
DIFFERENT SEASONS APPARATUS SET OF 4 GLOBES		850	2	1700
ILLUMINATING, GLOBE 3 DIMENSIONAL PHYSICAL		19000	1	19000
ILLUMINATING, GLOBE 3 DIMENSIONAL POLITICAL		19000	1	19000
INDIAN PATTERN CLINOMETER		2000	2	4000
LCD PROJECTOR WITH ACCESSORIES	EPSON	90000	1	90000
ABNEY LEVEL		700	1	700
AERIAL PHOTOGRAPHS	COLOURED	700	20	14000
ALMIRAH		30000	1	30000
ANEMOMETER		650	1	650

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ANEROID BAROMETER		700	1	700
APPARATUS DAY AND NIGHT		425	1	425
AUTO DUMPY LEVEL FOR ROAD LEVELLING		21000	1	21000
AUTO LEVEL		12500	1	12500
BINOCULAR	NIKON/BUSHMAN	20000	1	20000
CHAIN TAPE SET		3000	15	45000
COLOUR PRINTER	HP	25000	1	25000
COMPASS	LIQUID FILLED METALLIC BODY EXSTRA SUPIRIYAL	1050	10	10500
DIGITAL CAMERA	(18 PIXELS) NIKON/SONY	45000	1	45000
DIGITAL TOPOSHEET		200	20	4000
DISTANCE METER	8M	8000	1	8000
DRY AND WET BULB THERMOMETER		1000	1	1000
EARTH LAYER MODEL		1200	1	1200
ELECTRONIC THEODOLITE		52000	1	52000
FORTIN'S BAROMETER		1500	1	1500
FRENCH CURVES		500	1	500
GEOMORPHIC MODELS		850	10	8500
GPS	GARMIN	45000	1	45000
HYGROMETER		650	1	650
LED TRACING TABLE		7000	1	7000
LEVELLING STAFF	ALUMINIYAM	1850	1	1850
MAXIMUM & MINIMUM THERMOMETER		800	1	800
MODEL OF SOLAR SYSTEM		5990	1	5990
MODELS OF GEOGRAPHICAL TERMS		850	1	850

PHOTO OF GREAT GEOGRAPHERS	45X6 CMS	1200	20	24000
PLAIN TABLE SET		5000	10	50000
PRISMATIC COMPASS		2310	10	23100
RAIN GAUGE	SELF RECORDING	3200	1	3200
RANGE FINDER	NIKON	20000	1	20000
REFRIGRATOR		25000	1	25000
RELIEF RAISED MAPS OF ALL CONTINENTS ,INDIA AND MADHYA PRADESH	1X75 CMS	3500	2	7000
SATELLITE IMAGERIES		1500	1	1500
SCANNER	НР	3500	1	3500
STRUCTURE OF SUN		1200	1	1200
WALL THERMOMETER	1MM	400	1	400
WEATHER MAPS	WINTER, SUMMER, RAINY SEASON	100	20	2000
WINDVANE		1900	1	1900
			Total	660815
Equipment for Physics Lab				
4-bit Ripple Counter with built in power supply.		6000	5	30000
8086 Microprocessor kit with Microcontroller cards		20000	1	20000
Ammeter D.C./A.C. (Required range)		500	10	5000
Analog Multimeter		700	10	7000
Analog to digital converter with built in power supply.		4000	2	8000
Anderson, Schering, Hay, Kelvin, Maxwell, De-sauty, Wien's bridges		7500	1	7500

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Apparatus for measurement of capacitance and inductance using impedance at different frequency		5500	1	5500
Apparatus for Studying Diffraction from Reflection Grating Model		26496	1	26496
Apparatus to determine the Rydberg's constant with the help of diffraction grating and hydrogen discharge tube. Complete with high voltage power supply, grating and spectrometer.		18000	1	18000
Apparatus to determine the temp coeff. of resistance of platinum complete with all accessories.		16000	1	16000
Apparatus to determine the viscosity of fluid using Poiseuile's method		1800	1	1800
Apparatus to draw B-H curve of ferromagnetic material with the help of CRO		20000	1	20000
Apparatus to study characteristics of Tunnel diode		5000	3	15000
Apparatus to study charging and discharging of a capacitor.		2800	3	8400
Apparatus to study Hysteresis curve of transformer core		3500	1	3500
Apparatus to study RC coupled amplifier with built in power supply,		3000	3	9000
Apparatus to study response curve for LCR circuits and to determine the resonance frequency.		5500	3	16500

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Apparatus to study specific resistance and energy gap of a semiconductor.		4000	2	8000
Apparatus to study transistorised regulated power supply.		9000	2	18000
Apparatus to verify Newton's law of cooling		1200	3	3600
Babinet Compensator with Optical Bench and accessories		28000	1	28000
Ballistic galvanometer with lamp and scale arrangement		9000	2	18000
Battery charger 2 to 12 Volt.		1900	1	1900
Battery eliminator		1200	5	6000
Bending of beam apparatus to determine Young's Modulus		2500	2	5000
Biprism assembly		5000	2	10000
C.R.O. Dual trace 20 MHz		25000	1	25000
C.R.O. Dual trace 40 MHz		30000	2	60000
Calendar and Barne's apparatus to determine the value of Mechanical equivalent of heat		7000	1	7000
Cantilever to determine Young's Modulus		1500	2	3000
CCD based Constant Deviation Spectrometer		193680	1	193680
Complete apparatus for study of Zeeman effect with all accessories for determination of Lande-g-factor		225000	1	225000
Complete apparatus to determine resolving power of telescope		4200	1	4200

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Complete apparatus to verify law of parallel and perpendicular axes for moment of inertia		2700	5	13500
Complete apparatuses to determin e by Milikon's method		18000	1	18000
Complete setup to find the wave length of sodium light with the help of Fresnel's Biprism.		9500	1	9500
Compound Pendulum/Bar pendulum		700	5	3500
Compton effect experiment		45000	1	45000
Constant deviation spectrometer		35000	1	35000
Decimal to Octal/ Binary / Hexadecimal converter with built in power supply.		4000	3	12000
Desk top computer for programming practical's & Printers.		70000	1	70000
Diac and Triac Characteristic apparatus		5000	5	25000
Digital Multi meter		1100	5	5500
Digital to Analog converter with built in power supply.		5000	1	5000
Drill Machine with all size bits		5000	1	5000
e/m by Helical method		25000	1	25000
Electron Spin Resonance Spectrometer.		8500	1	8500
Electroscope or electrometer		1000	1	1000
F.E.T. Characteristic apparatus		4300	2	8600
Flame Spectrometer		198000	1	198000

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Four probe method		49000	1	49000
Four Way Key		250	5	1250
Fresnel Biprism		400	5	2000
Fresnel Biprism Diffraction Apparatus Model		78912	1	78912
Galvanometer		400	5	2000
Half adder, full adder, half subtractor, full subtractor with built in power supply.		3000	5	15000
Hall probe method for measurement of resistivity, complete with Hall effect setup, hall probes, digital gauss meter, electromagnet and constant current supply.		70000	1	70000
Hartley and Colpitt's oscillator		5600	2	11200
IC 7805 regulated Power supply		3000	1	3000
Jaeger's apparatus to determine the surface tension		2000	2	4000
Ketter's Pendulum		1500	2	3000
LDR characteristics apparatus.		3800	5	19000
Left right shift register with built in power supply.		3500	5	17500
M.O.S.F.E.T Characteristic apparatus		7000	5	35000
Measurement of low resistance by Carey Foster's Bridge complete with power supply.		8700	5	43500
Measurement of thickness of thin wire with laser complete setup		27000	1	27000

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Measurement of wave length of He-Ne Laser using ruler with Laser complete setup		28000	1	28000
Michelson interferometer		50000	1	50000
Michelson interferometer (Standard Model)		106920	1	106920
Newton RingAppratus		60336	1	60336
Newton's Rings apparatus complete with travelling microscope, power supply and sodium lamp.		30000	1	30000
OPAM as voltage follower		7000	5	35000
OpAmp as Low pass, Band pass and High pass filter kit		15000	2	30000
Photo diode Characteristic apparatus		4000	2	8000
Photo transistor Characteristic apparatus		4800	2	9600
Photoconductivity experiments		26000	1	26000
Physical balance		3000	1	3000
Planck's constant using solar cell		20000	1	20000
Power Amplifier		7000	2	14000
Rectifier and filter characteristic apparatus		6000	2	12000
S.C.R Characteristic apparatus		4200	5	21000
Screen Based Apparatus for Ultrasonic Diffraction - Acousto optic effect Model HO-ED-A-01A		56664	1	56664
Screw gauge		200	5	1000
Series and Parallel resonance circuit		5000	2	10000

Single stage and double stage R.C. Coupled amplifier?         3500         2         7000           Solar Cell Characteristic apparatus         3500         5         17500           Soldering Iron, De-solder pump, Flux, solder stand         1200         5         6000           Spectrometer Prism (crown/ flint glass)         600         2         1200           Spectrometer Goniometer         76032         1         76032           Stefan constant apparatus         18000         1         18000           Stop Clock         500         5         2500           Stop Watch Digital         600         5         3000           Study of active and Passive flitters         11000         2         22000           Study of rystal Oscillator         2500         1         2500           Study of Hybrid parameters of a transistor         3500         2         7000           Study of Multivibrators using OPAMP         6000         2         12000           Study of Multivibrators using OPAMP         5000         1         70000           Study of transmission line         70000         1         70000           Study of transmission line         70000         1         70000           Study of transmission line		 		
apparatus         1200         5         6000           Soldering Iron, De-solder pump, Flux, solder stand         600         2         1200           Spectrometer Prism (crown/ flint glass)         600         2         1200           Spectrometer Goniometer         76032         1         76032           Stefan constant apparatus         18000         1         18000           Stop Clock         500         5         2500           Stop Watch Digital         600         5         3000           Study of active and Passive flitters         11000         2         22000           Study of Crystal Oscillator         2500         1         2500           Study of Hybrid parameters of a transistor         3500         2         7000           Study of Hybrid parameters of a transistor         8000         1         8000           Study of Lissajous figure trainer.         8000         2         12000           Study of Multivibrators using OPAINP         5000         1         5000           Study of Schmitt trigger circuit         5000         1         70000           Study of various Network theorems         8000         5         40000           Tangent galvanometer         1500         3<	stage R.C. Coupled amplifier/ feedback	3500	2	7000
pump, Flux, solder stand         600         2         1200           Spectrometer Prism (crown/ flint glass)         76032         1         76032           Stefan constant apparatus         18000         1         18000           Stop Clock         500         5         2500           Stop Watch Digital         600         5         3000           Study of active and Passive filters         11000         2         22000           Study of Crystal Oscillator         2500         1         2500           Study of Hybrid parameters of a transistor         3500         2         7000           Study of Lissajous figure trainer.         8000         1         8000           Study of Multivibrators using OPAMP         6000         2         12000           Study of Schmitt trigger circuit         5000         1         70000           Study of various Network theorems         8000         5         40000           Tangent galvanometer         1500         2         3000           Thyratron Characteristic apparatus         29000         2         58000		3500	5	17500
(crown/ flint glass)         Foo32         1         76032           Stefan constant apparatus         18000         1         18000           Stop Clock         500         5         2500           Stop Watch Digital         600         5         3000           Study of active and Passive filters         11000         2         22000           Study of Crystal Oscillator         2500         1         2500           Study of Hybrid parameters of a transistor         3500         2         7000           Study of Lissajous figure trainer.         8000         1         8000           Study of Multivibrators using OPAMP         5000         1         5000           Study of Schmitt trigger circuit         5000         1         5000           Study of various Network theorems         8000         5         40000           Study of various Network theorems         1500         2         3000           Thyratron Characteristic apparatus         15000         3         45000           To study the V-I Characteristics of the Solar         29000         2         58000	_	1200	5	6000
Stefan constant apparatus       18000       1       18000         Stop Clock       500       5       2500         Stop Watch Digital       600       5       3000         Study of active and Passive filters       11000       2       22000         Study of Crystal Oscillator       2500       1       2500         Study of Hybrid parameters of a transistor       3500       2       7000         Study of Lissajous figure trainer.       8000       1       8000         Study of Multivibrators using OPAMP       6000       2       12000         Study of Schmitt trigger circuit       5000       1       5000         Study of transmission line       70000       1       70000         Study of various Network theorems       8000       5       40000         Tangent galvanometer       1500       2       3000         Thyratron Characteristic apparatus       15000       3       45000         To study the V-I Characteristics of the Solar       29000       2       58000		600	2	1200
Stop Clock         500         5         2500           Stop Watch Digital         600         5         3000           Study of active and Passive filters         11000         2         22000           Study of Crystal Oscillator         2500         1         2500           Study of Hybrid parameters of a transistor         3500         2         7000           Study of Lissajous figure trainer.         8000         1         8000           Study of Multivibrators using OPAMP         6000         2         12000           Study of Schmitt trigger circuit         5000         1         5000           Study of transmission line         70000         1         70000           Study of various Network theorems         8000         5         40000           Tangent galvanometer         1500         2         3000           Thyratron Characteristic apparatus         1500         3         45000           To study the V-I Characteristics of the Solar         29000         2         58000	Spectrometer Goniometer	76032	1	76032
Stop Watch Digital         600         5         3000           Study of active and Passive filters         11000         2         22000           Study of Crystal Oscillator         2500         1         2500           Study of Hybrid parameters of a transistor         3500         2         7000           Study of Lissajous figure trainer.         8000         1         8000           Study of Multivibrators using OPAMP         6000         2         12000           Study of Schmitt trigger circuit         5000         1         5000           Study of transmission line         70000         1         70000           Study of various Network theorems         8000         5         40000           Tangent galvanometer         1500         2         3000           Thyratron Characteristic apparatus         29000         2         58000	Stefan constant apparatus	18000	1	18000
Study of active and Passive filters       11000       2       22000         Study of Crystal Oscillator       2500       1       2500         Study of Hybrid parameters of a transistor       3500       2       7000         Study of Lissajous figure trainer.       8000       1       8000         Study of Multivibrators using OPAMP       6000       2       12000         Study of Schmitt trigger circuit       5000       1       5000         Study of transmission line       70000       1       70000         Study of various Network theorems       8000       5       40000         Tangent galvanometer       1500       2       3000         Thyratron Characteristic apparatus       15000       3       45000         To study the V-I Characteristics of the Solar       29000       2       58000	Stop Clock	500	5	2500
Study of Crystal Oscillator         2500         1         2500           Study of Hybrid parameters of a transistor         3500         2         7000           Study of Lissajous figure trainer.         8000         1         8000           Study of Multivibrators using OPAMP         6000         2         12000           Study of Schmitt trigger circuit         5000         1         5000           Study of transmission line         70000         1         70000           Study of various Network theorems         8000         5         40000           Tangent galvanometer         1500         2         3000           Thyratron Characteristic apparatus         15000         3         45000           To study the V-I Characteristics of the Solar         29000         2         58000	Stop Watch Digital	600	5	3000
Study of Hybrid parameters of a transistor  Study of Lissajous figure trainer.  Study of Multivibrators using OPAMP  Study of Schmitt trigger circuit  Study of transmission line  Study of various Network theorems  Tangent galvanometer  To study the V-I Characteristic of the Solar		11000	2	22000
of a transistor800018000Study of Lissajous figure trainer.6000212000Study of Multivibrators using OPAMP500015000Study of Schmitt trigger circuit5000170000Study of transmission line70000170000Study of various Network theorems8000540000Tangent galvanometer150023000Thyratron Characteristic apparatus15000345000To study the V-I Characteristics of the Solar29000258000	Study of Crystal Oscillator	2500	1	2500
trainer.  Study of Multivibrators using OPAMP  Study of Schmitt trigger circuit  Study of transmission line  Toucous Metwork theorems  Tangent galvanometer  To study the V-I Characteristics of the Solar		3500	2	7000
using OPAMP500015000Study of Schmitt trigger circuit5000170000Study of transmission line70000170000Study of various Network theorems8000540000Tangent galvanometer150023000Thyratron Characteristic apparatus15000345000To study the V-I 		8000	1	8000
circuit5tudy of transmission line70000170000Study of various Network theorems8000540000Tangent galvanometer150023000Thyratron Characteristic apparatus15000345000To study the V-I Characteristics of the Solar29000258000		6000	2	12000
Study of various Network theorems8000540000Tangent galvanometer150023000Thyratron Characteristic apparatus15000345000To study the V-I Characteristics of the Solar29000258000		5000	1	5000
theorems  Tangent galvanometer  1500 2 3000  Thyratron Characteristic apparatus  To study the V-I Characteristics of the Solar	Study of transmission line	70000	1	70000
Thyratron Characteristic apparatus  15000 3 45000  To study the V-I 29000 2 58000  Characteristics of the Solar		8000	5	40000
apparatus  To study the V-I Characteristics of the Solar  29000 2 58000	Tangent galvanometer	1500	2	3000
Characteristics of the Solar		15000	3	45000
	Characteristics of the Solar	29000	2	58000

Transformer for Sodium vapour lamp		1600	1	1600
			Total	2630390
Equipment for Zoology Lab				
Analytical Balance	Capacity 210g	3000	1	3000
Aquarium Kit		5000	1	5000
Autoclave Portable	29 liters'	11025	1	11025
Automatic Burette		60	5	300
Automatic PCR (Thermocycler)		387000	1	387000
Blood Cell Calculator		990	2	1980
BOD Incubator		150000	1	150000
BOD Incubator 2° C to 60°		130000	1	130000
Carbon di Oxide Incubator		400000	1	400000
Chart & CDs related to Syllabus		15000	1	15000
Computer		50000	1	50000
Cooling Centrifuge	16000 rpm	95000	1	95000
Digital Haemoglobinometer		11000	1	11000
Digital pH Meter	pH range: ≤ 2.000 to ≥ 14.000	9000	2	18000
Digital Single Pan Balance	Capacity: 200g	60000	1	60000
Digital Spectrophotometer	Single Beam	27983	1	27983
Digital Thermometer		250	2	500
Digital Turbidity Meter		18000	2	36000
Dissecting Microscope	Monocular 90°	3000	5	15000
Dissecting Tray	Rectangular with flanged edge	220	10	2200
Document Camera		18000	1	18000
Electronic Digital Balance 0.01 mg)	Least Count: 0.01 mg	75000	1	75000

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Electronic Digital Balance (0.1 mg)	Least Count: 0.1 mg	28000	1	28000
Electronic Lectern		188000	1	188000
Electrophoresis with Power Supply	7x10cm gel tray UV transparent	17176	1	17176
Fire Extinguisher		2500	4	10000
Full Smart Class Room	Digital Teaching System	278000	1	278000
Global Ultra X40U (Projector)		35000	1	35000
Glucometer		4000	2	8000
Haemocytometer (Complete Box)		1600	5	8000
Handy Class Room Speaker		2000	2	4000
Heating Mantle with Regulator Cap 1 Litre		2187	2	4374
High Speed Centrifuge		14569	1	14569
Homogenizer		11000	1	11000
Horizontal Deep Freezer	270 Lt.	200000	1	200000
Hot Plate		2100	2	4200
Inverter		40000	1	40000
Laboratory Hot Air Oven		20317	1	20317
Laminar Air Flow Horizontal	3X2X2 Feets	150290	1	150290
LCD Projector with Screen		45000	1	45000
Magnetic Stirrer with Hot Plate		2100	2	4200
Medico Centrifuge Machine	8000 rpm	37000	1	37000
Micropipette 0.5-1ml	Variable	13131	1	13131
Microtome (Rotary)		15000	2	30000
Microwave Ovan		16000	1	16000
MIPS (Microscope image Projection System)		36000	1	36000

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Models, Specimen, Bones related to UG & PG Syllabus		50000	1	50000
Monocular Microscope	Aplantic 10x and Acromatic 20x	14200	1	14200
Newton's Disc (Secchi Disc)		850	2	1700
Oven (125 Litres)		15500	2	31000
PCR Thermal Cycler		196000	1	196000
Permanent Slides		5000	1	5000
platform gel Rocket		20000	1	20000
Refrigerator – 310 Litres	Capacity 310 Litre	24165	1	24165
Shaker & Magnetic Stirror with Hot Plate		71000	1	71000
Slide Cabinet with 12 showcase		8000	2	16000
Slide Cabinet with 6 Showcases		4200	1	4200
Slide Warming Table		8176	1	8176
Sphygmomanometer		2000	1	2000
Staining Racks	Wooden	100	5	500
Student's Microscope/Binocular (EX 21 – I)		51450	1	51450
Syringe Needle Destroyer		2249	1	2249
Tablet Computer		12000	2	24000
Thin Layer Chromatography Apparatus	Minimum Div. 0.25mm	6500	1	6500
UV Trans-illuminator		22500	1	22500
Vertical Deep Freezer	700 Litre	130000	1	130000
Visual Presenter		65540	1	65540
Voltage Stabilizer		10000	1	10000
Voltage Stabilizer		10125	1	10125

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Vortex Shaker	Speed Range: 3000rpm	4000	2	8000
Water Analysis Kit		6500	2	13000
Water Analyzer		7000	2	14000
Water and Soil Testing Analysis Kit(Digital)		14200	2	28400
Water Bath (06 Holes)	Temp. Range to 90⁰C	4900	1	4900
Water Bath (12 Holes)	Temp. Range to 5 to 95⁰C	7000	1	7000
Water Distillation Apparatus (Single Distillation Unit – 2 Litre/hour)	2 Litre/hour	18000	2	36000
Western Blot Apparatus		150000	1	150000
	Tota			
				11420299