

Government of Maharashtra



Government College of Arts & Science, Aurangabad (M.S)

(Established in 1923)

(Kile Ark, Near Subhedari Guest House, Aurangabad)

Email ID: gasca1923@gmail.com

Phone/Fax: 0240-2331476

Website: www.gasca.ac.in



4.1.2 Infrastructure Augmentation

2021-2022

Machinery and Equipment Purchase

Grants - DPC 52

Sr. No.	Name of Item /Machinery/ Equipment	Units	Price per unit	Amount
	Chemistry			
1	Bruker FTIR	1	1740000	1740000
	Botany			
2	Binocular Microscopes	10	24000	240000
	Microbiology			
3	Rotary Evaporator	1	140000	140000
4	Double Distillation Unit	1	32400	32400
5	Autoclave	1	49117	49117
	Home Science			
6	Baby Weighing Scale	1	8000	8000
7	Electronic Weighing Scale	1	6716	6716
8	Griller	5	731.6	4495
9	Oximeter	2	1829	3658
	Psychology			
10	Rorschach Ink Blot Test	1	18000	18000
11	Five Factor Personality Inventory Children	1	9990	9990
12	Diagnostic Test of Learning Disability	1	10000	10000
13	Binet Kamat Intelligence Test – (Bkt-R)	2	3500	7000

14	Omega Black Steel Stop Watch	28	138.18	3869.04
	Physics			
15	Ultrasonic Interferometer	1	30000	30000
16	Oven	1	29929	29929
17	Magnetic Stirrers	1	24499	24499
	Geography			
18	Prismatic Compass	1	4900	4900
19	GPS system	1	13000	13000
20	Scientific Calculator	10	278	2780
21	Binocular Range	2	5992	11984
22	Geometric Compass	1	8000	8000
23	Measurement Tape	2	498	996
	Sports			
24	Stadio meter	1	3000	3000
25	Air Hand Pump	4	239	956
26	Heart rate monitor	1	10000	10000
27	B. P. apparatus Electronic	4	1197	4788
28	Stop watch	7	1224	8568
	Music			
29	NS Gents Tanpura Plain Kali 1	2	45500	91000
30	Electric Tanpura	3	5700	17100
31	Electric Tabla	2	5700	11400
32	GBA Tabla with Steel Dagga Kali 2	1	15800	15800
33	PM 9 Scale change SOL portable Harmonium	1	54000	54000
	Zoology			
34	Binocular Research Microscope	2	24499.99	48999.98
	Central Instrumentation Lab			

35	PCR Machine	1	187000	187000
36	Himedia CD Display in play interface PCR Machine	1	290000	290000
37	PCR cyler himedia TFT Display	1	148000	148000
38	Gel documentation system	1	495106	495106
39	Gel documentation system	1	250000	250000
	TOTAL			4035051

State Plan Budget 2021-22

1	Machinery and Equipment-52	-	-	18000
2	Machinery and Equipment-52	-	-	24000
	Total			42000

DPC - New Classrooms Construction

Sr. No	Contraction	No of Classrooms	Amounts spent
1	Classrooms	3	2965000

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4.1.2 Infrastructure Augmentation

2020-2021



Under RUSA Grants

SN	INSTRUMENT / PRODUCT / SERVICE	QTY.	EXPENDITURE
1	New Equipment for Computer Lab CTL-6100WL	1	14790
2	New Equipment for Computer Lab CTL-6100WL	1	14790
3	Laser Jet Printer	1	18402
4	Desktop computers	2	94798
5	HP Printer 2B LJ1020 Plus	2	22998
6	Information Outlet	20	7040
7	Revolving Chair	20	118500
8	HP INTEL CORE I3 4GB /100 GB HDD WIN 10 PRO (Computers)	25	1342250
9	APC 5.0 KVA ONLINE UPS	1	209500
10	ELIXIR 9 U RACK	1	21000
11	LAYING AND INSTALATION CHARGES		24400
	Total		1888468

Under DPC Grants

1	Hydrothermal Autoclave 150 ML	1	23042
2	Weighing Bridge Oscillator 'E' maketypeEE-31A using og Amp	2	7600
3	Energy Band Gap Apparatus	4	19400
4	Prestige Gas Stove	1	10700
5	Binocular Research Microscope V.P.5000B.M	1	20700
6	Hysteresis Curve Demonstration E &E make Type EE-p-48	3	15285
7	Specific Resistance of Engtaphy gap of semiconductor	3	16200
8	ETF CHARACTERISRTICS E AND E MAKE :TYPE EE04	5	21000

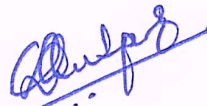
9	Microscope Pathological and Research	2	99800
10	Regatech synthesis microwave extraction system, microwave synthesizer	1	168740
11	Autoclave	1	52400
12	Unilab pathological monocular	1	19299
13	Remi refrigerated with LED display	1	248500
14	Labman plastic electronic control magnetic stirrers	2	54998
15	Remi refrigerated with LED display	1	51000
16	Prolab binocular Research microscope -RH -85 UXL	1	22950
17	Wet and dry dusting industrial vacuum cleaner	1	18000
	Total		869614

Grants Under State Plan Budget

1	Machinery and Equipment 52	Nil	Nil
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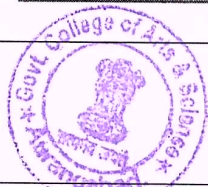
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4.1.2 Infrastructure Augmentation

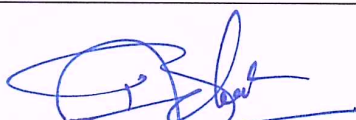
2019-2020

Expenditure under RUSA

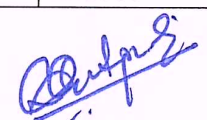
SN	PRODUCT /SERVICE /INSTRUMENTS / MACHINERY	QTY	EXPENDITURE
1	Spectrophotometer Shin adz Uv-1900	1	469999.00
2	Olympus Trinocular Research Microscope	1	178000.00
3	5 Station Multi Gym	1	120000.00
4	Person Weighting Scale	1	15000.00
5	St Double Sg -07 Chest Presser	1	30000.00
6	Dumbbells Weight 25 Kg Per Pair	4	23200.00
7	Peristatic pump Revotek with digital timer	1	33885.00
8	Badminton shuttle cock	12	2160
9	rotary microtome semi-automatic	1	282250
10	Gym Instruments	5	35872
11	Commercial Trade mill	1	150000
12	Badminton	7	5278
13	Aluminum and glass participations wall (for Creation of Language lab	1	700000
14	Digital teaching device Computer with fully loaded different language lab software with hardware and software (30+1)	1	3032524
15	Gym Instruments	60	222100
16	Rubber Dumbbells (15 KG)	1	2149
17	Dumbbells	3	3561
18	Jump rope /skipping	2	1254
	Total expenditure Under RUSA		5307232.00

Expenditure under DPC Grants on Instruments and Machinery

SN	PRODUCT /SERVICE /INSTRUMENTS / MACHINERY	QTY	EXPENDITURE
1	Muffle Furnace,tenmp.900 Degree	1	39998.2
2	Determine the Wave Length of Sodium Lamp by Newton Ring Method	1	22800
3	Laminar Air Flow	1	106880
4	Smart Board and Its accessories	1	148000
5	Food Warmer	1	21000
6	Binocular Research Microscope	1	24890
7	Musical Instruments	5	128000
8	Digital Photoelectric colorimeter	1	9999
9	Digital ultrasonic cleaner	1	12999
10	Blue star make Chest freezer 300l	1	22263
11	Hot Plate magnetic stirrer	1	24580
12	digital conductivity meter	1	22499
13	Electric hot oven	1	14300
14	Hartley Colpitt Oscillator trainer Kit Educational Kit	1	4869
15	Binocular Research Microscope	1	24890.00
16	Xerox MFP B1025	1	199000
17	Transistor Characteristics Common Base	1	4255.99
18	Digital Magnetic Stirrer with hot plate	1	24580
19	pH meter	1	18490
20	pH meter	1	7200
21	Common Emitter Amplifier	1	4256
22	Operational Amplifier	1	4256
	Total		890005.19
Expenditure under State Plan Budget 2019-20			
1	Machinery and Equipment	-	56000
2	Machinery and Equipment		60000
	Total		116000


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4.1.2 INFRASTRUCTURE AUGUMNTATION

2018 -2019

DPC 52 - Machinery and Equipment

SN	PRODUCT /SERVICE	QUANTITY	EXPENDITURE
1	Monocular Microscope Model :MOnoCXL	11	130900
2	Electrophoresis with power supply	2	150000
3	Magnus Microscopy USB Camera DC-5 and Adapter	1	113400
4	SDS-PAGE Electrophoresis mini dual	1	48400
5	Translluminator system with Electrophoresis	1	49800
6	Plant growth Chamber	1	109890
7	Integrated digital Teaching Device with vocational skills multimedia content	3	330000
8	Laboratory chiller	1	48000
9	Rotary Vacuum pump double stage Cap 100ltr/min	1	49949.01
10	Ahuja 3000dp speaker Ahuja AXM ,Ahuja AWM 220	5	43714.38
11	wireless microphone	1	6899
12	Bacteriological incubator	1	49800
13	Autoclave	1	95000
14	Hot air Oven	1	48000
	Total		1273752.39
State Plan- Budget 2018-19			
1	Machinery and Equipment	-	55000
2	Machinery and Equipment	-	69000
	Total		124000


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4.1.2 Infrastructure Augmentation

2017-18

Expenditure Under DPC Grants

SN	PRODUCT / EQUIPMENT / MACHINERY	QTY	EXPENDITURE
1	Canon I R - ADV 4545 with DADF -AV 1 and toner	1	248050
2	Haemoglobino meter digital	1	13999
3	Single beam spectrophotometer	1	171000
4	Fume hood mild steel body	1	165960
5	Rotary evaporator	1	48000
6	Single stage all glass distillation unit	4	198656
7	Serological water bath	2	44600
8	Magnetic stirrer with hot plate	1	24500
9	Adult weighing scale (mother and child)	2	3712
10	Portable hemoglobin meter	1	12999
11	El-con double tube stethoscope	1	12000
12	Auto photo colorimeter	1	17499
13	Incubator shaker 565*865*550	1	144333.09
14	Olympus microscope Model	1	134000
15	Maxi submarine gel electrophoresis unit	1	35100
16	Fume hood	1	72865
17	Integrated digital teaching devices (K- yan)	8	943200
18	Apple electronic high precision weighing balance capacity 60 gm	1	48874
19	Compact bench top high capacity cooling centrifuge 6*50ml angler rotor head	1	157600

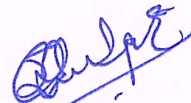
20	Uv trans illuminators	1	67950
21	Celfrost pharmaceutical refrigerator 300 l	1	46800
22	pH meter eutech	1	44451
23	Apple electronic high precision weighing balance or analytical balance 220 g,1 mg	2	63990
	Total Expenditure		2720138.09

Expenditure Under State Plan Budget 2017-18

1	EQUIPMENT AND MACHINERY	-	41000
	Total		41000


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