



G.T.N. ARTS COLLEGE (AUTONOMOUS)

A Telugu Linguistic Minority Institution | Affiliated to Madurai Kamaraj University
Re-accredited (Cycle II) by NAAC with "A++" Grade | Indexed in NIRF 2025
Recognized under DBT Star College Scheme | Supported by DST-FIST Program
Skill Hub Initiative of PMKVY 4.0 by MSDE, New Delhi
Old Karur Road, Dindigul - 624 005, Tamil Nadu.



Assets acquired through grants under the non- recurring head from the Department of Bio-Technology (DBT), Government of India under the DBT STAR COLLEGE SCHEME.
Sanction No: HRD-11011/16/2022-HRD-DBT. Dated 24/08/2022

S. No.	Department	Name of Equipment	Number of Units
1.	Chemistry	pH Meter	6
2.	Chemistry	POTENTIO METER	5
3.	Chemistry	CONDUCTIVITY METER	6
4.	Chemistry	Digital PHOTO COLORIMETER	5
5.	Chemistry	SOXHELT APPARATUS 6 MANTLE SET	1
6.	Chemistry	WATER & SOIL ANALYSER	1
7.	Chemistry	BIO CHEMICAL OXYGEN (BOD) ANALYZER	1
8.	Chemistry	HOT AIR OVEN - Digital	1
9.	Chemistry	CENTRIFUGE - (High Speed)	1
10.	Chemistry	COD APPARATUS – Digital	1
11.	Chemistry	ELECTRONIC WEIGHING BALANCE (Analytical)	1
12.	Chemistry	WATER BATH SHAKER - Digital	1
13.	Chemistry	SEROLOGICAL WATER BATH - Digital	1
14.	Chemistry	SOXHLET APPARATUS - 5-litre Capacity	1
15.	Chemistry	MAGNETIC STIRRER with HOT PLATE	2
16.	Chemistry	CLEVENGER APPARATUS	2
17.	Chemistry	HEATING MANTLE 3-LITER	4
18.	Chemistry	HEATING MANTLE 5-LITER	2
19.	Chemistry	HEATING MANTLE	4
20.	Chemistry	DOUBLE DISTILLATION UNIT with RO System	1
21.	Chemistry	TLC APPARATUS with UV CABINET	1
22.	Chemistry	COLUMN CHROMATOGRAPHY	2
23.	Chemistry	SPECTROPHOTOMETER	1
24.	Chemistry	WATER BATH with FLASK HYDROTHERMAL AUTOCLAVE	1


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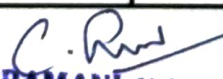


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S. No.	Department	Name of Equipment	Number of Units
25.	Mathematics	DESKTOP COMPUTER – MATHS LAB	20
26.	Mathematics	LAN Switch CONTROLLER	2
27.	Mathematics	PYTHAGORAS THEOREM	1
28.	Mathematics	FANTASTIC MIRRORS	1
29.	Mathematics	FINITE SOLUTION	1
30.	Mathematics	UNIQUE SOLUTIONS	1
31.	Mathematics	INFINITE TUNNEL	1
32.	Mathematics	PLANETARY MOTION	1
33.	Mathematics	CONE RUNS UPHILL - MATERIALS	1
34.	Mathematics	VALUE of Pi	1
35.	Physics	ELECTRONIC WEIGHING BALANCE	1
36.	Physics	pH METER	1
37.	Physics	LEE's DISC SET UP	2
38.	Physics	MAGNETIC STIRRER with HOT PLATE	4
39.	Physics	TORSION PENDULUM SET UP	2
40.	Physics	CATHODE RAY OSCILLOSCOPE (CRO)	2
41.	Physics	MUFFLE FURNACE	1
42.	Physics	ELECTRICITY LAB UNIT	3
43.	Physics	OPERATIONAL AMPLIFIER UNIT	2
44.	Physics	BALLISTIC GALVANOMETER SET UP	2
45.	Physics	IC - TRAINER UNIT	2
46.	Physics	DIELECTRIC CONSTANT MEASURING UNIT	3
47.	Physics	SPECTROMETER	2
48.	Physics	VARIABLE DC POWER SUPPLY	3
49.	Physics	TRANSISTOR CHARACTERISTICS APPRATUS	2
50.	Physics	MAXWELL'S BRIDGE TRAINER	2
51.	Physics	CLIPPER & CLAPPER TRAINER UNIT	3
52.	Physics	ACTIVE FILTERS	3
53.	Physics	SODIUM LAMP with STABILIZER Set UP	2


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S. No.	Department	Name of Equipment	Number of Units
54.	Physics	AMPLIFIERS & EMITTER FOLLOWER UNIT	2
55.	Physics	COUNTERS TRAINER UNIT	3
56.	Physics	TRAVELLING MICROSCOPE	2
57.	Physics	DIODES KIT	3
58.	Physics	SHIFT REGISTERS TRAINER UNIT	3
59.	Physics	A STABLE & MONO STABLE MULTI VIBRATOR KIT	2
60.	Physics	BCD ADDER & SUBTRACTOR TRAINER	3
61.	Physics	ENCODER & DECODER TRAINER UNIT	3
62.	Physics	FLIP-FLOP DEMONSTRATOR	3
63.	Physics	MULTIPLEXER & DEMULTIPLEXER TRAINER UNIT	3
64.	Physics	HARTLEY & COLPITTS OSCILLATOR UNIT	3
65.	Physics	VARIABLE AUDIO OSCILLATOR or FUNCTION GENERATOR	3
66.	Physics	ZENER DIODE VOLTAGE REGULATOR	3
67.	Physics	THERMAL CONTROLLER	2
68.	Physics	BH-SETUP	3
69.	Physics	STOKES EXPERIMENT SETUP	2
70.	Physics	RECTIFIERS SET	3
71.	Physics	SCALE & TELESCOPE ARRANGEMENT	3
72.	Physics	RESISTANCE BOX	3
73.	Physics	INDUCTANCE COIL	3
74.	Physics	FIXED AUDIO FREQUENCY OSCILLATOR	3
75.	Physics	RESISTANCE BOX	3
76.	Physics	REGULATED DC POWER SUPPLY	3
77.	Physics	POTENTIO METER	1
78.	Physics	CAREY FOSTER'S BRIDGE	3
79.	Physics	DIGITAL VOLTMETER	3
80.	Physics	SONOMETER	3
81.	Physics	RHEOSTAT	3
82.	Physics	DIGITAL FREQUENCY METER	3


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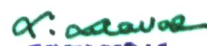
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S. No.	Department	Name of Equipment	Number of Units
83.	Zoology	BINOCULAR MICROSCOPE	2
84.	Zoology	HOT AIR OVEN	1
85.	Zoology	MICROTOM - ROTARY	1
86.	Zoology	SOXHELT APPARATUS 6 MANTLE SET	1
87.	Zoology	UV-VISIBLE SPECTROPHOTOMETER	1
88.	Zoology	STEREO ZOOM MICROSCOPE	1
89.	Zoology	STEREO MICROSCOPE	1
90.	Zoology	VERTICAL ELECTROPHORESIS (PAGE) with MINI POWER PACK	3
91.	Zoology	HORIZONTAL ELECTROPHORESIS with MINI POWER PACK	3
92.	Zoology	BLOTTING APPARATUS with POWER PACK (High Current)	1
93.	Zoology	pH METER	2
94.	Zoology	HEMOGLOBINOMETER	10
95.	Zoology	HAEMOCYTOMETER	10
96.	Zoology	AUTOClave 25lit	1
97.	Zoology	AUTOClave 10lit	1
98.	Zoology	PHOTO COLORIMETER - Digital	2
99.	Zoology	COLONY COUNTER - DIGITAL	3
100.	Zoology	MICRO PIPETTE	4
101.	Zoology	VORTEX MIXER	2
102.	Zoology	MAGNETIC STIRRER with HOT PLATE	2
103.	Zoology	DOUBLE DISTILLATION UNIT with RO System	1
104.	Zoology	DEEP FREEZER - 20°	1
105.	Zoology	LABORATORY REFRIGERATOR	1
106.	Zoology	ELECTRONIC WEIGHING BALANCE	1
107.	Zoology	WATER BATH SHAKER - Digital	1
108.	Zoology	STETHOSCOPE	3
109.	Zoology	BLOOD PRESSURE APPARATUS	3
110.	Zoology	PULSE OXIMETER	5


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