

SRI A S N M GOVERNMENT COLLEGE

Palakol, West Godavari District, Andhra Pradesh- 534260

Affiliated to Adikavi Nannaya University, Rajamahendravaram

(NAAC Re-accredited by 'B' Grade with 2.61 CGPA)

College e-mail: sriasnmgdc@gmail.com Website: <https://sriasnmgdcpalakol.ac.in> Phone: 08814229069

Lab Facilities

The College has potential to strengthen continuously from time to time both the infrastructure and human capital. The college is well Equipped with adequate classrooms, laboratories with state of art Technology, seminar halls, discussion rooms and conference halls to Organize academic meets of any kind. The departments are well Established with digital technologies and library. The Central Library possesses huge volumes on various discipline of knowledge. The IT based infrastructure is competent enough to host any kind of Curricular or co-curricular activities. Institution has its own IT Policy to review, provide and maintain IT requirements in the Campus.

Infrastructure, ICT Classrooms and Laboratories: College has an Excellent infrastructural facilities spread over 9.2 Acres of Land With 400752 Sq.ft built up area. The institution has 7 laboratories, 14 Classrooms, 01 Seminar/Conference halls and one open air Auditorium. The Classrooms, Seminar & Conference hall are equipped With ICT facilities.

List of Labs along with Equipment:

(a) B.Sc-Computer Lab:

Course Name: B.Sc (Computers) & B.Sc (Data Science)

S.No.	Equipment name	Equipment quantity
1	Computers	20
2	Computer chairs	15
3	Steel almarah	02
4	Keyboards	20
5	Scanner	01
6	Printer	01
7	Green Board and projector	01

(b).B.Com-Computer Applications Lab

S.No.	Equipment name	Equipment quantity
1	Computers	31
2	Set of Computer chair and table	01
3	Steel almarah	02
4	V-Guard Brand inverter	01
5	HP Laser Printer	01
6	Canon printer	01
7	Set of single computer tables and chairs	10
8	Epson LCD Projector(Autonomous grants)	01

(c)Physics Lab:

S.No.	NameoftheArticle	Equipment quantity
1	Tuning forks set (set of 8)	13
2	Travelling Microscope for uniform bending	08
3	Slotted Weights, 5 X 50 gram	06
4	Stop watch	08
5	Weight Boxes for Physical Balance	02
6	Torsional pendulum with wall bracket	03
7	Retort Stands	05
8	Vernier Calipers	10
9	Screw Gauges	10
10	Sonometers with take wood	03
11	Melde's Experiment Apparatus	02
12	CRO dual channel	02
13	Bridge type Microscopes for Newton's Rings	02
14	Newton's Rings Apparatus (Plano convex lens & glass plate)	04
15	Wedge plates sets	04
16	Student Spectrometer LC=1minute	05
17	Magnifying torches	06
18	Sodium Vapor Lamp with transformer	01

19	Hallow Prisms	02
20	Mercury 250 gram	01
21	Battery Eliminators IC regulated 2-12 V	06
22	Lee's Apparatus	02
23	Steam generator 3 liters	02
24	Electrical Kettle with varying voltages	03
25	Function Generators 1 Hz - 1 MHz digital	06
26	LCR Series and Parallel ETB	02
27	Electro Magnet with transformer for AC sonometer	02
28	Maximum Power transfer Theorem ETB	01
29	Stewart and Gee Apparatus	03
30	BJT characteristics ETB	03
31	Impedance and Power Factor of LR circuit	02
32	B-H curve of Fe solenoid apparatus	02

(c) Chemistry Lab

S.No	Name of theArticle	Equipment quantity
1	Conductivity Meter	02
2	Coloremeter	05
3	Digital Potential Meters	02
4	Ph Meters	01
5	Electrical Balance	01
6	Melting point apparatus	05
7	Boiling Point apparatus	01
8	Glassware	250
9	Test Tubes	550
10	Conical plasks	136
11	Volumetric Plasks	204
12	Burettes	100
13	Burette stands	46
14	Glass rods	02
15	Test tube holders	13
16	Digital water plants	01
17	Spectra Photometer	01
18	Centrifuge Operator	01
19	Simple balance	03
20	Kips Operator	01

(d) Botany Lab

S.No	Name of the Article	Equipment quantity
1	Microscopes, (Desecting, Compound)	60
2	Wooden alamarah(4x5)feet for displaying spotters	02
3	hot plate	01
4	magnetic starrier	01
5	Incubator	01
6	Autoclave	02
7	Hot air woven	01
8	Digital weighing machine	01
9	LCD Projector	01
10	Photo viewer	01
11	Micro Pipettes	02
12	Sox lets	01
13	Rain Gauge	01
14	Anemometer	01
15	Horticulture tools	20
16	Gas cylinders, Gas Stove	02
17	Bio-Visual Charts	130
18	Centrifuge	01
19	Laminar airflow	01

(e) Zoology Lab

S.No	Name of the Article	Equipment quantity
1	Gel Electrophoresis	01
2	Water and Soil Analysis Kit (Digital)	01
3	P ^H Meter (Digital)	01
4	Immunoelectrophoresis	01
5	Aquarium unit	01
6	Bio-visual Charts	120
7	Preserved Specimens	100
8	Student Microscopes	40
9	Blood grouping kits	01
10	LCD Projectors	01
11	Projection Microscope	01
12	Soil Testing kit	01

(f) JKC & ELL Lab

S.No	Name of the Item/Description	Equipment quantity
1	Dell Servers-2	02
2	Gigabyte Thin Clients-50	50
3	Dell Computer	01
4	LaserJet Printer	01
5	Scanner	01
6	10 KVA Online UPS System	01
7	LCD Projector	01
8	AC's-Voltas	04
9	Laptop	01
10	Headphones	50
11	Digital Copier	01
12	Webcam	01
13	Modem	01
14	15 KVA UPS	01
15	Scanner	01
16	ELL Lab-Systems-21	21
17	Wall fan	05

.Details of the Library

1. Whether reading Room Available: Yes
2. Central Library Total Area: 1400.Sq.ft
3. Total No of books available: 30000
4. Total no of Unique Title: 350
5. Total no of print Journals: 03
6. Total no of E-Journals:03
7. Total no of CD/DVD:150
8. Whether Departmental Library Available: yes
9. E-Library: Available