

Criterion 4 - Infrastructure and Learning Resources

Key Indicator 4.1: Physical Facilities

NAAC – SSR
Cycle I

4.1.1 The Institution has adequate infrastructure and other facilities for:

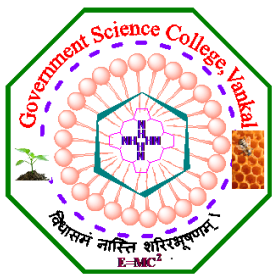
a. teaching – learning, viz., classrooms, laboratories, computing equipment etc

b. ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.

List of Sections

Sr.no	Description	Link
1	Introduction to College	View
2	Satellite Photograph	View
3	College Building Map	View
4	Holistic Infrastructure	View
5	Holdings of furniture	View
6	ICT facilities for Teaching & Learning	View
7	Holdings for Cultural and sports activities	View



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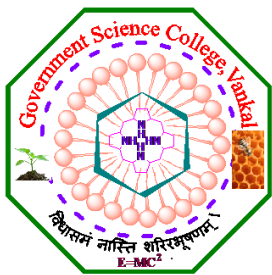
1) Introduction to College:

In 2012–13, the college started out on a rented campus of the ND Desai Higher Secondary School, Vankal, with just four faculties: two in the chemistry department and one each in the zoology and botany departments. Later, in 2016, it moved to the Government Arts and Commerce College campus in Vankal, which is now known as Shree Atal Bihari Vajpayee Arts and Commerce College.

The college relocated to its current campus in 2017, which is situated on the right side of Mangrol-Zankhvav Road (State Highway 166). Since then, it has thrived as a highly advanced academic institution for higher education in the sciences, with well-developed infrastructure. Tucked away in the Banbha Hill.

Construction work at government science college Vankal follows:

1. Plinth Dimension	:	1 x 83.60.00 x 55.84
2. Ground floor Dimension	:	No. Size = Area
1. Canteen & Chemistry Lab SY	:	2 x 13.22 x 10.12 = 133.79 Sq.mt.
2. Library Store	:	1 x 7.20 x 10.20 = 73.44 Sq.mt.
3. Library & Chemistry Lab FY	:	2 x 13.50 x 10.20 = 137.70 Sq.mt.
4. Biology Lab TY & Chemistry Lab TY	:	2 x 13.22 x 10.12 = 13.80 Sq.mt.
5. Preparation Room	:	6 x 7.23 x 5.05 = 36.51 Sq.mt.
6. Biology Lab SY & FY	:	2 x 13.33 x 10.21 = 136.10 Sq.mt.
7. Dark Room	:	2 x 6.78 x 4.73 = 32.07 Sq.mt.
8. Ncc & Nss Room	:	1 x 6.92 x 5.38 = 37.23 Sq.mt.
9. Physical Chemistry Lab with A.C	:	1 x 14.83 x 10.29 = 152.60 Sq.mt
10. Principal	:	1 x 8.72 x 4.92 = 42.90 Sq.mt
11. Strong Room	:	1 x 5.00 x 3.59 = 17.95 Sq.mt
12. Record Room	:	1 x 4.91 x 4.63 = 22.73 Sq.mt:
13. Adm Room	:	1 x 8.73 x 4.93 = 43.04 Sq.mt



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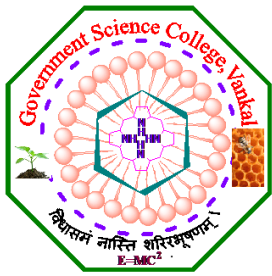
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Cycle I

14. Staff Room	: 1 x 19.78 x 10.32 = 204.13 Sq.mt
15. Waiting Area	: 1x 11.08 x 4.13 = 41.63 Sq.mt
16. Entrance	: 1 x 8.62 x 5.53 = 47.67 Sq.mt
17. Gents & Ladies Toilet	: 2 x 8.10 x 5.50 = 44.55 Sq.mt
18. Ladies Room	: 1 x 4.31 x 3.51 = 15.12 Sq.mt
19. Cooler Room	: 1 x 2.81 x 1.05 = 2.95 Sq.mt
20. Electrical Room	: 1 x 2.13 x 1.46 = 3.10 Sq.mt.
21. Stair Portion	: 1 x 6.05 x 3.55 = 21.47 Sq.mt.
22. A & C short Passage	: 2x 27.42 x 3.53 = 192.92 Sq.mt.
23. Main Passage	: 1 x 31.78 x 3.50 = 111.23 Sq.mt.
24. A,B,C Connected Passage	: 2 x 10.86 x 3.50 = 76.02 Sq.mt.

3. First floor Dimension

No. Size = Area

1. Zoology Lab SY & Physics Lab TY	: 2 x 13.20 x 10.10 = 133.32 Sq.mt.
2. Preparation Room	: 8 x 7.20 x 5.00 = 216.00 Sq.mt.
3. Zoology Lab FY & Botany Lab FY	: 2 x 13.32 x 10.20 = 271.05 Sq.mt.
4. Botany Lab TY & Physics Lab SY	: 2 x 13.15 x 10.05 = 264.32 Sq.mt.
5. Botany Lab SY & Physics Lab FY	: 2 x 13.32 x 10.15 = 270.40 Sq.mt.
6. Zoology Lab TY & Class Room	: 2 x 10.92 x 10.27 = 112.15 Sq.mt.
7. Botany Culture Lab & Class room	: 2 x 13.27 x 10.10 = 268.05 Sq.mt.
8. Multi-Purpose Assembly Hall	: 1 x 23.44 x 13.76 = 322.53 Sq.mt.
9. Gents & Ladies Toilet	: 2 x 8.10 x 5.50 = 44.55 Sq.mt
10. Ladies Room	: 1 x 4.31 x 3.51 = 15.12 Sq.mt
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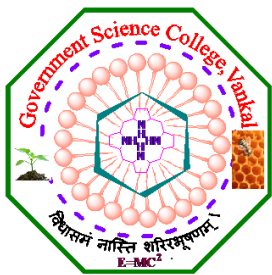
NAAC – SSR
Cycle I

12. Electrical Room	: 1 x 2.13 x 1.46 = 3.10 Sq.mt.
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16. A,B,& C Connected Passage	: 2 x 10.86 x 3.50 = 76.02 Sq.mt.

4. Second floor Dimension

No. Size = Area

1. Store Room	: 2 x 10.12 x 8.73 = 176.70 Sq.mt
2. Open Terrace	: 2 x 10.46 x 8.93 = 184.72 Sq.mt
3. Class Room 1 to 4	: 4 x 11.71 x 10.20 = 477.76 Sq.mt
4. Class Room 5 to 8	: 4 x 13.30 x 10.20 = 542.66 Sq.mt
5. Class Room 9 & 10	: 2 x 13.28 x 10.14 = 269.32 Sq.mt
6. Class Room 11 & 12	: 2 x 14.50 x 10.30 = 298.70 Sq.mt
7. Class Room 13	: 1 x 13.73 x 11.62 = 159.54 Sq.mt
8. Computer Lab	: 1 x 13.75 x 11.65 = 160.19 Sq.mt
9. Gents & Ladies Toilet	: 2 x 8.10 x 5.50 = 44.55 Sq.mt
10. Ladies Room	: 1 x 4.31 x 3.51 = 15.12 Sq.mt
11. Cooler Room	: 1 x 2.81 x 1.05 = 2.95 Sq.mt
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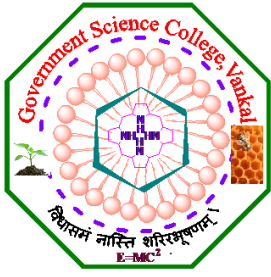
NAAC – SSR
Cycle I

5. Type of Roof: R.C.C.

6. Type of Flooring: Vitrified tiles

7. Water Supply fitting

1. No. of wash basin	: 21. Nos.
2. No. of W.C. Pan Orissa Type	: 24 Nos.
3. No. of W.C. Pan European Type	: 15 Nos.
4. No. of Urinal	: 9 Nos.
5. No. of Water Tank with size	: 2 x 5000 Lit. Capacity
6. No. of Mirror with size	: 21 Nos. (600 mm x 450mm)
7. No. of Towel rail	: 21 Nos.
8 No. of Bib Taps 15mm dia	: 66 Nos.
9. No. of Flush Cock	: 15 Nos.
10. No. of Pillar Tap	: 21 Nos.
11. No. of Stop Cock 15mm dia	: 18 Nos
12 No. of Wheel Valve 25mm dia	: 10 Nos
13. No. of Wheel Valve 40mm dia	: 15 Nos.
14. No. of Sub mersible Pump (Boring)	: 2 Nos.
15. No. of Ladder	: 2 Nos.



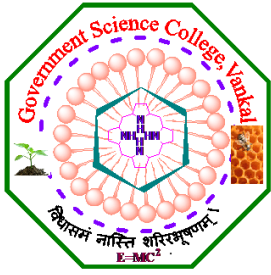
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Cycle I

2) Satellite Photograph



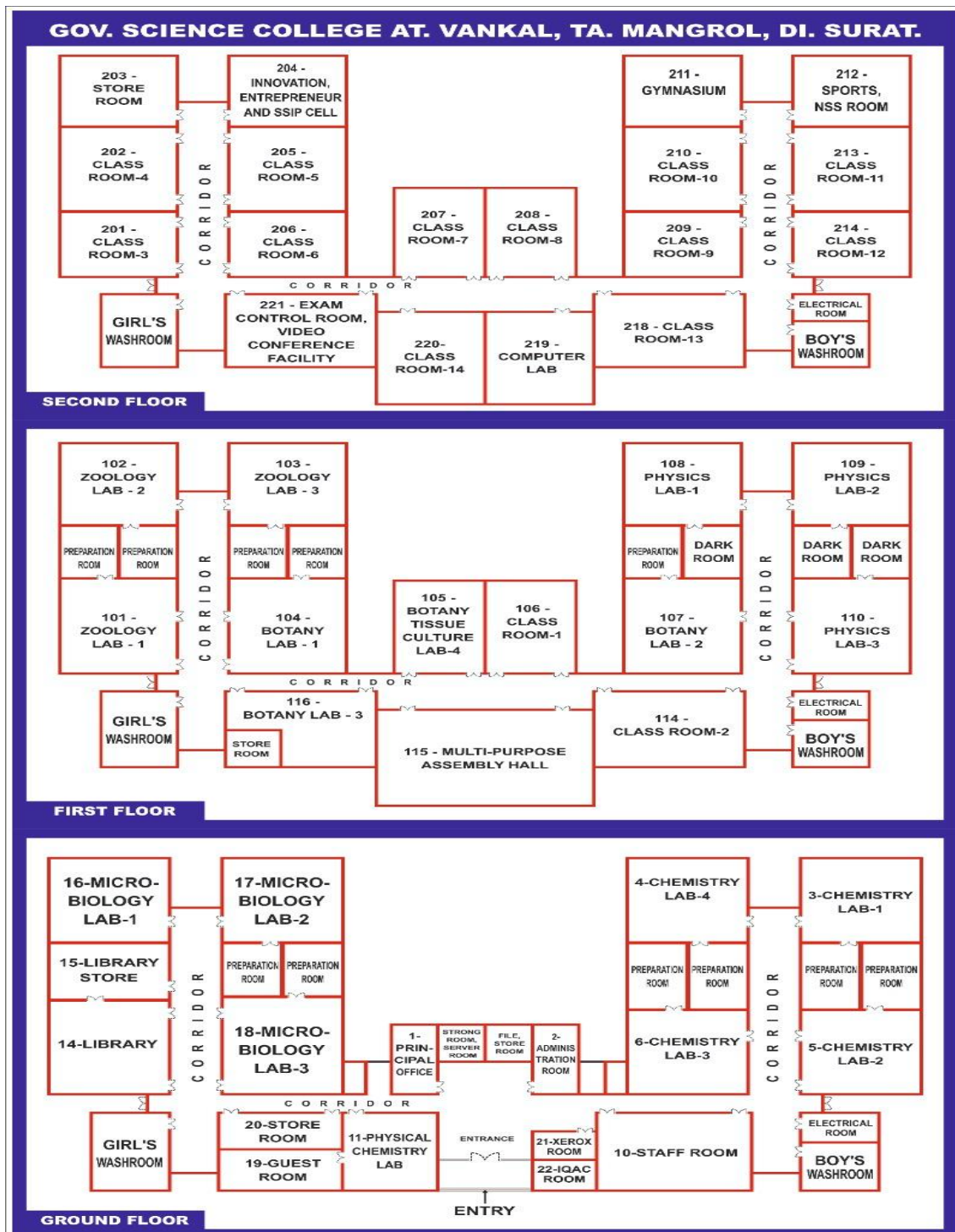


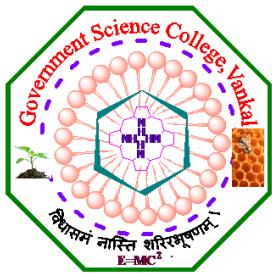
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NAAC – SSR
Cycle I

3) College Building Map





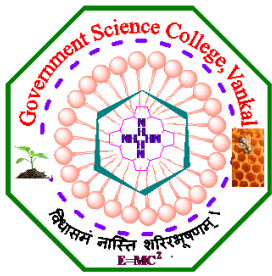
Criterion 4 - Infrastructure and Learning Resources

Key Indicator 4.1: Physical Facilities

NAAC – SSR
Cycle I

5) Holdings of furniture:

Sr.No.	Name Of Furniture	Quantity	Date
1	Executive Table	1	20-07-2012
2	Table glass size	1	20-07-2012
3	Revolving Chair	1	20-07-2012
4	School bench	15	07-03-2012
5	Plastic chair	3	03-09-2012
6	School bench	1	03-09-2012
7	Plastic chair	2	15-08-2012
8	Office table sagi	2	10-09-2012
9	Office chair Sagi	6	10-09-2012
10	Ceiling fan	5	24-09-2012
11	School bench	16	08-11-2012
12	School bench	16	08-11-2012
13	LPG Gas Cylinder	2	04-12-2012
14	Ceiling fan	3	10-08-2013
15	water tank	2	23-08-2013
16	Water bag large	2	19-10-2013
17	The chair moved	5	27-12-2013
18	Computer table sagi	5	27-12-2013
19	Library cupboard glass doors	6	27-12-2013
20	Steel cupboard	1	27-12-2013
21	Steel cupboard	6	27-12-2013
22	Steel rack	2	27-12-2013
23	Green board	4	27-12-2013
24	Bench e-tendering	50	11-02-2014
25	LPG Gas Cylinder	2	24-02-2014
26	Pedestal fan	4	18-08-2014
27	Table turned	4	21-01-2016
28	Table turned	4	25-01-2016
29	Table turned	4	25-01-2016
30	Table turned	4	28-01-2016
31	Table turned	4	30-01-2016
32	Table turned	4	30-01-2016
33	Library Table Sagi	3	05-02-2016
34	Library Table Sagi	2	09-02-2016

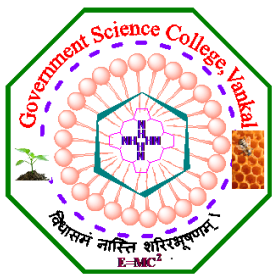


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NAAC – SSR
Cycle I

35	Office chair Sagi	20	12-02-2016
36	Office chair Sagi	5	15-02-2016
37	Three Seated Bench	2	15-02-2016
38	Office chair with sagi arms	20	17-02-2016
39	Steel cupboard	1	20-02-2016
40	A sagi wood cupboard	1	20-02-2016
41	Office chair with teak arms	5	22-02-2016
42	Three Seated Bench	2	22-02-2016
43	Three Seated Bench	2	24-02-2016
44	Steel cupboard	1	25-02-2016
45	A sagi wood cupboard	1	25-02-2016
46	Three Seated Bench	2	29-02-2016
47	Steel cupboard	1	02-03-2016
48	A sagi wood cupboard	1	02-03-2016
49	Steel cupboard	1	05-03-2016
50	A sagi wood cupboard	1	05-03-2016
51	Steel cupboard	1	07-03-2016
52	A sagi wood cupboard	1	07-03-2016
53	Classroom Bench E-Tendering	300	13-03-2016
54	Panasonic Thermal Paper Fax	1	16-03-2016
55	Stool Bag Wooden	300	22-03-2016
56	Classroom Table E-Tendering	10	22-03-2016
57	Chair Teak Wood E-Tender	10	22-03-2016
58	Writing Table E-Tender	10	22-03-2016
59	Announcement Table E-Tender	10	22-03-2016
60	Notice board	12	20-02-2017
61	Office Steel Cupboard	15	20-02-2017
62	Library cupboard	15	20-02-2017
63	Steel rack	15	20-02-2017
64	Paper stand	5	20-02-2017
65	Steel cupboard	8	23-01-2018
66	Supreme Ornet Chair	200	21-09-2018
67	Plastic Molded Chair (Regal Super Delux)	100	23-09-2018
68	Computer chair	35	13-03-2019
69	computer table	35	18-03-2019
70	Acrylic Notice Board	10	19-03-2019
71	Plastic Molded Chair	200	03-08-2019
72	Visiting Chair	65	03-11-2019

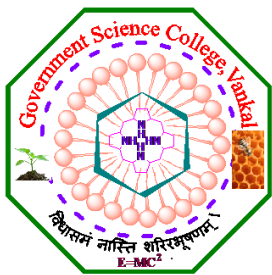


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NAAC – SSR
Cycle I

73	Professor Chair Executive	34	25-12-2019
74	Portable Fire Extinguisher MAP 6 kg	5	23-01-2020
75	Green board Big	2	28-01-2020
76	Green board Small	2	29-01-2020
77	Cloth Locker	6	21-02-2020
78	Bench (Three Seater)	200	27-02-2020
79	Staff Table	10	29-03-2020
80	50 Key Holder Board	3	01-07-2020
81	Tripoi Sagi	5	01-07-2020
82	Foot rest	5	01-07-2020
83	Fume Hood	2	11-03-2018
84	Notice Board	25	11-03-2018
85	Teak Wood Stool	150	11-03-2018
86	Library Storage Cabinet	40	11-03-2018
87	Computer Table	35	11-03-2018
88	Executive Revolving Chair	1	11-03-2018
89	Medium Back Revolving Chair	8	11-03-2018
90	Computer Chair	50	11-03-2018
91	Executive Table	1	11-03-2018
92	Classroom Table	35	11-03-2018
93	Staffroom Table	30	11-03-2018
94	Steel Cupboard	25	11-03-2018
95	Open Type Storage Rack	25	11-03-2018
96	Single Seated Sofa	8	11-03-2018
97	Three Seated Sofa	4	11-03-2018
98	Wooden Cupboard	17	11-03-2018
99	Settee	4	11-03-2018
100	Three Seater Desk cum Bench	150	11-03-2018
101	Teak wood chair	50	11-03-2018
102	Teak Wood Rack	12	11-03-2018
103	Reagent Bottle Rack	15	11-03-2018
104	HOD Table	8	11-03-2018
105	Library Table	10	11-03-2018
106	Multi Purpose Locker	32	11-03-2018
107	Plastic Chair	500	12-04-2022
108	Teakwood Simple Table	1	22-06-2023
109	Teakwood Stool	5	22-06-2023



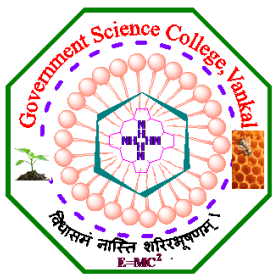
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**NAAC – SSR
Cycle I**

6) ICT facilities for Teaching & Learning

IT Facilities at Institution				
No	Name of Facilities	Quantity	Date	Year
1	Canon Digital camera	1	23-01-2013	Year 2012-2013
2	Scanner HP G2410	1	13-02-2013	
3	Printer Hp LIP1106	7	27-02-2013	
4	LCD Projector Sony VPL 120	3	11-03-2013	
5	Motorizr d screen wall mount 4*6	1	11-03-2013	
6	Computer set(C.P.U. Monitor speaker)	15	03-07-2013	Year 2013-2014
7	Electronic backup	2	20-01-2016	Year 2015-2016
8	Interactive board: white	2	20-01-2016	
9	Digital Visualiser	2	21-01-2016	
10	Sony Television	2	18-02-2016	
11	Sony Handy camera	1	18-02-2016	
12	Sony Handy camera stand	1	22-02-2016	
13	Sound System	1	23-02-2016	
14	PC Computer-2200	25	04-03-2016	
15	Intel Core 2202 A	10	08-03-2016	
16	Digital Copier cannon	1	16-03-2016	
17	NAMO Wi-Fi 100 Mbps	14	03-11-2017	Year 2017-2018
18	Sony Lazer projector	1	24-09-2018	Year 2018-2019
19	Globus Digital board	1	28-09-2018	
20	HP laser Jet	5	19-02-2019	Year 2019-2020
21	SOUL 2.0	1	13-06-2019	
22	GSWAN	1	23-09-2020	Year 2020-2021
23	LG 55 LED T.V	1	20-11-2020	
24	Dom Camera	79	06-01-2021	
25	Bullet Camera	17	06-01-2021	
26	Network Video Recorder	1	06-01-2021	
27	55" LED Display Unit	1	06-01-2021	
28	600 VA UPS	15	06-01-2021	
29	KYOCERA Xerox machine	2	04-03-2022	Year 2021-2022
30	HP-i7 Laptop	1	25-12-2023	Year 2023-2024
31	Epson Projector	1	25-12-2023	
32	Projector screen	1	02-01-2024	

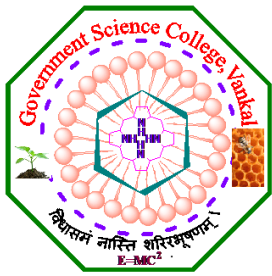


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Cycle I

33	HP-AIO Monitor	2	09-02-2024
34	Acer Desktop D2	25	20-02-2024
35	Bluetooth speaker	1	20-02-2024
36	TP-Link 4G LIE Modem	4	05-03-2024
37	Printer HP Laser jet	10	09-03-2024
38	Samsung Tablet 8 GB RAM	1	13-03-2024
39	Elnova 600VA UPS	4	16-03-2024
40	HP multifunction printer	1	27-03-2024
41	Stabilizer Three phase	2	18-03-2024



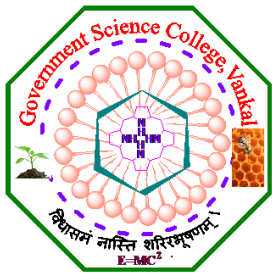
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7) Holdings for Cultural and sports activities:

Sr.No	Sports equipment Name	Quantity
1	Volley ball /PU	1
2	Volley ball PU5000	1
3	Badminton Ful	2
4	Philips Badminton Racket	1
5	Volley ball Net	1
6	Tannis Ball	6
7	Vixen PVC (box)	1
8	Chess board vixen	1
9	Chess Man PUC	1
10	Tannis Bat blaster	1
11	DS Bat	1
12	F/F bat 333	1
13	DS Bat	1
14	Stump Black set	2
15	Bat Cision (Addidas)	1
16	Tennis Bat	1
17	Stump	3
18	Navie Cricket ball	3
19	P U Volley Ball	1
20	Guru Shutter	1 Packet
21	Chess Man Board	1
22	Carrom (big)	1
23	Indirect Volley ball	1
24	Volley ball pump	1
25	Net	2
26	Multi bench AF MB	1
27	Hex Dumbbells	60
28	Steering Plates	45
29	Weight Lifting Rods 6 fit	1
30	Weight Lifting Rods 4 fit	1
31	Weight Lifting Rods 3 fit	1

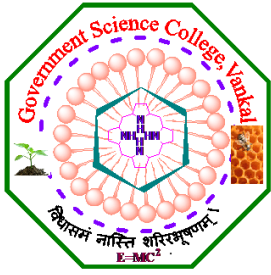


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32	Home Gym AF-1451	1
33	Roller Jogger	1
34	Spin Bike AF 110	1
35	Running Spike	10
36	Volleyball Nivia Spot Volley	1
37	Foot Ball Nivia Shiny Star	1
38	Foot Ball Nivia Classic	1
39	Hand Ball Nivia Tram (Men)	1
40	Cricket Ball Vikram	2
41	Kho Kho Pole: wooden Met	1
42	Cone Vixen	6
43	Javelin for Men	5
44	Shot Put 4 kg	5
45	Shot Put 7.26 kg	5
46	Hammer 7.26 kg Men's	3
47	Hammer 4 kg Women	3
48	Discuss 2 kg	4
49	Discuss 1 kg	4
50	Hurdles	4
51	Nylon Battel Rope 30mt.	2
52	Archery Recurve Bow riser	1
53	Javelin Aluminium 600gms for women	4
54	Archery Arrows	12



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For cultural activities, the college has Birsa Munda MPAH and Diwali Ben Bhil multipurpose domes for carrying out activities. The college also has musical instruments such as:

No.	Name	Quantity
1	Tabla	1
2	Dholak	1
3	Yamaha keyboard	1
4	Harmonium	1
5	Snare Drum	1
6	Base Drum	1

