Kopargaon Taluka Education Society's

K. J. Somaiya Arts, Commerce and Science College, Kopargaon

CRITERION- 4: INFRASTRUCTURE AND LEARNING RESOURCES

Key Indicator- 4.3: IT Infrastructure

4.3.1 QlM: Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection. Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth.

Computer and IT Resources of the College

2018-19 To 2022-23

K. J. Somaiya College, Kopargaon

ICT Committee

Chairman: Dr. B. S. Yadav (Principal)

Member:

1. Prof. Dr. B. B. Bhosale

2. Prof. Dr. V.C. Thange

3. Prof. Dr. K. L. Giramkar

4. Dr. N. B. Shinde

5. Mr. P. G. Gudaghe

K. J. Somaiya College, Kopargaon

Budget and Expenditure for ICT Facility

Year	Budget	Expenditure
2018-19	501000	476732
2019-20	3180500	3160789
2020-21	1493200	1472602
2021-22	345500	342338
2022-23	1475000	1471066
Total	**6995200**	**6923527**

Comparative Chart showing Updates of ICT facilities in the last 5 year

Sr. No.	Facility	2017-18	2022-23
1	Total Computer	177	323
2	Campus Network	Broadband with LAN in Labs, Library and Office and campus Wi-Fi facility	Broadband Connection with LAN in Office, Library, Laboratory, all

		10 Mbps high speed leased line Reliance for 4G net Connectivity	200 Mbps high speed leased line OFC Rail wire internet Connection
			all departments and campus Wi-Fi facility
3	Internet Facility	10 Mbps high speed leased line Reliance for 4G net Connectivity	200 Mbps high speed leased line OFC Rail wire internet Connection
4	Computer Laboratory / Centers	5	7
6	ICT enabled classrooms	04	08
7	Smartboards	3	7
8	Printers / Printers with Scanners	24+3=27	42+3=45
9	e-Journals	6247	11247
10	e-books	112673	199500(n-list) 600000(HDL) 39000000(DELNET)
11	Language Laboratory	1	1
12	Number of Book in Central Library	72711	84766
13	Number of LCD Projectors	5	26
14	Book Scanner	-	03
15	No. of Department with Computer & Internet Connection	17	17
16	No. of LAN Switches	10	27
17	No. of CCTV Cameras in Campus	25	36
18	Smart T.V	Nil	07

1) Available bandwidth of internet connection in the Institution (Lease line).

200 Mbps Lease Line Connection

Bandwidth of Internet Connection in the Institution

Number of Computers with access to Internet	Bandwidth of Leased-Line Connection	LAN Configurations and Speed	Plan	Internet Charge Period
BSNL	FIBER NET	10 Mbps	Monthly	INR - 4247/- 04/04/2018 To 04/05/2018
		10 Mbps	Monthly	INR - 4247/- 17/05/2018 To 17/06/2018
		10 Mbps	Annual	INR - 50964/- 07/06/2018 To 07/06/2019
		10 Mbps	Annual	INR - 50964/- 11/06/2019 To 10/06/2020
		100 Mbps	Annual	INR - 8260/- 02/06/2020 To 26/08/2021
		100 Mbps	Annual	INR - 25800/- 10/06/2020 To 10/06/2021
		100 Mbps	Annual	INR - 29500/- 19/10/2021 To 30/11/2022
		100 Mbps	Annual	INR - 25800/- 02/07/2021 To 02/07/2022
		200 Mbps	Annual	INR- 177000/- 01/06/2023 To 31/05/2024

2) Server: 02

Sr. No.	Specification	Department	Quantity
1	Windows Server Standard	Administrative Office	01
2	IBM/ Lenovo ST 50 Intel Xenon E-204 G 3.2 Ghz	Library	01
		Total	**02**

3) Computers + Laptop: 323+9=332

Sr. No.	Computer	Quantity
1	All in one PC	91
2	Laptop	9
3	Desktop	232
	Total	**332**

4) Projectors: 26

Sr. No.	Department	Quantity
1	Lab No. 6	1
2	Room S-45	1
4	Science Conference Hall (S-44)	1
5	Physics (S-35)	1
6	Chemistry (S-11)	1
7	Zoology	1
8	Micro-Biology (Lab-1)	1
9	IQAC	1
10	Sakarben Hall	1
11	Geography (M-50)	1
13	Science Classrooms	8
14	Arts Classrooms	6
15	Commerce Classroom	1
	Total	**26**

5) Wi-Fi Router: 05

Routers available in different sections

Sr. No.	Department	Quantity
1	Administrative office	01
2	Principal Room	01
3	Secretory Cabin	01
4	Main Building Porch	01
5	Principal Bungalow	01
	Total	**05**

6) Network Switches - 27

The units available in different sections are:

Sr. No.	Department	Quantity	Port
1	Administrative office	02	24
2	Chemistry Dept.	1	24
3	BCS / BBA-CA/BCA-Science Labs	8	24
4	BCS Dept. Dept.	1	5
5	Maths Dept.	1	5
6	Zoology Dept.	1	5
7	Micro-Biology Dept.	1	8
8	Physics Dept. (Electronics Lab)	1	16
9	Girls Hostel	1	5
10	Account	1	5
11	Library	1	24
12	E-Zone	1	24
13	Examination room	1	24
14	Commerce Dept.	1	5
15	Marathi Dept.	1	24
16	IQAC	1	8
17	Store	2	24
18	Geography Dept.	1	24
	Total	**27**	**278**
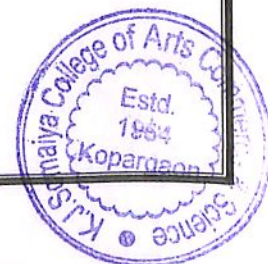
7) Television Sets: 04

Sr. No.	Department	Quantity
1	Porch	1
2	Girls Hostel	1
3	Boys Hostel	1
4	Management Room	1
	Total	**4**

8) CCTV-Monitor: 03

Sr. No.	Department	Quantity
1	Principal Room	2
2	Girls Hostel	1
	Total	**3**

9) Laser Printers: 43

Sr. No.	Lab No. / Department Name	No. of Printer	Type of Printer	Scanner	Xerox Machine
1	Computer lab-1	1	Hp 1005	---	---
2	Lab -5 (S-51) BCA	1	LBP 2900b	---	---
3	Lab -6 (S-48) BCS	1	LBP 2900b	---	---
4	Lab -7 BBA-CA	1	LBP 2900b	---	---
5	Math Dept.	1	LBP 2900b	---	---
6	Zoology Dept.	1	LBP 2900b	---	---
7	Micro-Biology Dept.	1	LBP 2900b	---	---
8	Botany Dept.	1	LBP 2900b	---	---
9	Physics Dept. (S-54)	1	LBP 2900b	---	---
10	Chemistry Dept. (S-7)	1	LBP 2900b	---	---
11	Chemistry Dept. (S-11)	1	LBP 2900b	---	---
12	Geography Dept.	1	LBP 2900b	---	---
13	Library	2	LBP 2900b		Canon ir 2200-3300

14	Hindi Dept.	1	LBP 2900b	---	---
15	English Dept.	1	LBP 2900b	---	---
16	Marathi Dept.	1	LBP 2900b	---	---
17	Economics Dept.	1	LBP 2900b	---	---
18	Politics Dept.	1	LBP 2900b	---	---
19	History Dept.	1	LBP 2900b	---	---
20	Commerce Dept.	1	hp 1020	---	---
21	Store	1	LBP 2900b	---	Hp 1525
22	IQAC	1	LBP 2900b	---	---
23	IQAC	1	Canon 3010 colour	---	---
24	Jr. college	1	LBP 2900b	---	---
25	Sport Dept.	1	LBP 2900b	---	---
26	NCC Dept.	1	LBP 2900b	---	---
27	Office	8	LBP 2900b	Canon Lide 300	Canon ir 2200-3300
28	Office	1	Hp 1005	---	---
30	Store Stock	6	LBP 2900b	---	---
	Total	**43**			

10) Microsoft License: 181

Sr. No.	Software	Quantity
1	Windows Home 10 SNGL	60
2	Windows Pro 10 SNGL	60
3	Windows Svrcal 2019 SNGL	20
4	Windows Server 2019	01
5	MS Office Pro Plus 2019 open	40
	Total	**181**

11) Smart and Interactive Boards: 07

Sr. No.	Department	Quantity
1	Science Building Class room S-75	1
2	Science Building Class room S-38	1

3	Science Building Seminar Hall	1
4	Science Building Class room S-06	1
5	Sakarben Hall	1
6	Class Room M-16	1
7	Class Room M-	1
	Total	**07**

12) Library ICT:

Sr. No.	ICT Facility	Quantity/Terminals
1	CCTV Camera	05
2	OPAC (Online Public Access Catalogues)	04
3	E-Zone for faculty and students	09
4	Resource Sharing Network: INFLIBNET + DELNET (subscribed database for e-books and e-journals)	02
5	Institutional Repository: Space Software	01
6	Hand Scanner of Books	02
7	Vriddhi Software for Automation	01
8	Barcode Facility	For all books
9	Circulation for books for all users	02
10	Online attendance for all users	02
11	Xerox Machines	01
12	Printers	02
13	Digital I-card Colour Printing Machine	01
14	Book Scanner	01
15	Softwares 1. D-Space 2. Vriddhi 3. NBDU (screen reader software for 'Divyangjan' students)	03

13) Administrative Office:

Sr. No.	Department	ICT Facility
1	Examination	1. Xerox Machine -3 (SHARP MX-M264N) (RISOCV3230) 2. RESO
2	IQAC	Canon 2202 Xerox Machine
3	Office	VIRIDHI Starter & Live Update Module (Software) For Administrative Purpose
4	Staff Room	Attendance Management System V2.0(Software)

14) ICT enabled Classrooms: 33

Sr. No.	ICT Facility	Quantity
1	Smart TV	07
2	With Projector	26
	Total	**33**

15) Intercom Facility:

No. of Intercom Phones: 39

16) Antivirus Subscriptions:
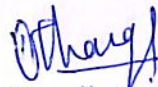
Quick Heal : 35

17) Battery Backups: 12

Sr. No.	Department	Quantity
1	Language Lab 7.5 KV	1
2	Principal Bungalow	1
3	BCA-CA 7.5 KV	1
4	Computer Science 7.5 KV	1
5	Office 3KV	1

6	Physics Dept.	1
7	Microbiology	1
8	Exam. Room	1
9	Chemistry Lab	1
10	Library	1
11	Girls Hostel	1
12	Boys Hostel	1
	Total	**12**

Co ordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar

Estd.
1964
Kopargaon

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon