Fergusson College (Autonomous), Pune

Academic Infrastructure

e-Journals

1. Indian Journals

Year	No. of Subscriptions
2017	24
2018	24
2019	25
2020	25
2021	24
2022	25

2. SAGE Publications

Year	No. of Subscriptions
2019	1
2020	24
2021	24
2022	22

Library

No	Material	Total
1	Books (Text +Text Reference + Reference)	243656
	Titles of Books	197970
	Braille Books and Audio CD's (115+15)	130
	e-Books	258
2	Bound Volumes	11020
3	Subscribed Journals	149
4	CD's	282
5	Manuscripts	1396
6	Palm-Leaf Manuscripts	55
7	Dissertations/Thesis	40
8	Old Manuscripts Written On Clothes	176
9	Newspapers (English/Marathi/Hindi)	12

WEBOPAC & MOPAC

Online Public Access Catalogue is important tool to search the title/author from the data of the library. Every single book, journal, non-print material is stored in the data of the library.

Computing Equipment (Computers)

SR. NO.	Department	Quantity
1	Mathematics	4
2	IMCA LAB	31
3	Statistics	30
4	Exam Section	9
5	IQAC	8
6	UGC-STRIDE LAB	13
7	Geology	22
8	Zoology	8
9	Botany	7
10	Chemistry	29
11	Physics	56
12	Photography	15
13	Electronic Science (UG)	43
14	Electronic Science (PG)	33
15	Main Building	39
16	Language Lab	21
17	Bai Jerbai Wadia Library	80
18	Computer Science UG	172
19	Computer Science PG	110
20	Microbiology	6
21	Biotechnology	40
22	Environmental Science	16
23	Animation & B. Voc	102
		894

SR. NO.	Department	Quantity
1	English	3
2	History	1
3	Philosophy	1
4	Marathi	1
5	Sanskrit	1
6	French	1
7	German	2
8	Hindi	1
9	Sociology	2

10	Political Science	1
11	Economics	5
12	Psychology	12
13	Geography	1
14	Gymkhana	1
		33

Brief Information about software's used for teaching-learning

- **Photoshop**: It's an image editing software. It can be called as base of all design and animation software's.

- **InDesign**: It's required for creating print media content. Huge banners and any kind of printingmaterial can be generated using this software.

- **Illustrator**: It's vector graphics software. Highly used for logo designing and content required formotion graphics videos.

- **Animate CC**: Its also called as Flash software. One of the oldest and most used software for creatingdigital 2d Animations.

- **After Effects**: Its a video effects software. Used for creating video effects like logo animations,titles, special effects in the videos. Its also used for motion graphics and digital marketing videos.

- **Premier Pro**: It's video editing software. Use for film editing and sound editing.

- Autodesk 3ds Max: its 3d animation software. Its heavily used for creating 3d architectural views and assets required for games.

- **Autodesk Maya**: Its 3d animation software. Its mainly used for 3d animated films. All types of 3dwork like creating objects, animating characters, creating dynamics like water, fire, blasts can be done.

- **Blender**: Another 3d animation software. Its a open source software used as supportive software for gaming.

- **Foundry Nuke**: It's compositing software. Mainly used in VFX industry. All compositing work like match moving, cleaning, tracking, 3d Compositing is done in Nuke.

- **Natron**: Its open source software for compositing work. Used in VFX industry.

- **Unity:** It's a game engine. It's used to create 2d & 3D games with the help of programming.

- **LTspice**; It's a SPICE-based analog electronic circuit simulator computer software, produced by semiconductor manufacturer Analog Devices (originally by Linear

Technology). It is the most widely distributed and used SPICE software in the industry. Though it is freeware, LTspice is not artificially restricted to limit its capabilities (no feature limits, no node limits, no component limits, no subcircuit limits). It ships with a library of SPICE models from Analog Devices, Linear Technol…

Initial release: October 1999;, 23 years ago
Operating system: Windows 7, 8, 8.1, 10, macOS 10.10+
Stable release: 17.0.35.0, / July 6, 2022

Details of Network Switches

Sr.No.	Location	Type- Layer 3 (Cisco)			
		Model Number	1 Gbps port	Fibre port	Qty
1.	Server Room Mathematics building- RESOLVE	SG500 (POE)	24	4	1
2.	Department of Geology	SG350 (POE)	24	4	1
3.	Department of Zoology	SG350 (POE)	24	4	1
4.	Department of Physics	SG350 (POE)	24	4	1
5.	Department of Electronic Science	SG220 (non POE)	24	2	1
6.	Department of Animation	SG350 (POE)	24	4	2
		SG220 (POE)	24	2	7
7.	Bai Jerbai Wadia Library	SG220 (POE)	24	2	1
8.	Main Building	SG350 (POE)	24	4	1
		SG220 (POE)	24	2	1
9.	Tutorial Building	SG300 (non POE)	24	2	1
					18

Details of WiFi devices and locations

Sr.No	Location	Number of Devices
1.	Department of Mathematics	05
2.	RESOLVE- Examination section and IQAC	02
3.	Department of Statistics	01
4.	Department of Electronics	01
5.	Department of Geology	03
6.	JRVGTI (B.Voc.)	01
7.	Department of Zoology	05
8.	Department of Chemistry	03
9.	Department of Physics	07
10.	Main Building	05
11.	Tutorial Building (Arts)	04
12.	Department of Psychology	03
13.	Gymkhana & Department of Economics	03
14.	AmphiTheater	03
15.	Bai Jerbai Wadia Library	04
16.	Academic Complex	08
17.	Department of Biotechnology	08
18.	Department of Computer Science	03
	Total	**69**