Major Physical Infrastructure

(Quantity, Build up area/ other related specification & Utilities)

Sr. No	Physical Infrastructure	Quantity	Build up areas/ other related specifications	Utilities
1.	Classrooms	20	2500 Square meters consolidated	Science, Social Science, Humanities, commerce Both under graduate & post Graduate in Music, Marathi and History. Some classrooms have LCD projectors and other related educational technologies
2. .	Laboratories	10		Physics, Chemistry, Botany, Zoology, Microbiology, Home Economics, Commerce. Spider lab.& Indian Music. All the science laboratories have plenty of equipment/ apparatus/ and instruments require for the science practical teaching
3.	Central Library (Double story Building)	01	260.40 Square meters	Reading room, Book Stacks area, Book Circulation

				Counter, Librarian's office, Reference section and computers for internet access. Library caters the needs of students, teachers occasionally provides on demand services to the alumnae and office bearers having total collection of 36000 books include of the Standard reference books, Textbooks and general books with 1200 back volumes of journals and periodicals and eBooks and e-journals and DSpace institutional repository collection. Library has collection 45 CDs 52 maps.
4.	Women's Hostel (Double story)	01	503.03 Square meters	Due to non-utility to the build up space, it has been utilized for the Student's auditorium, functional hall for the various teaching learning & extension activities and ground flower used for the commerce department engaging for the conducting classes both theory and practical and for computer centre

5.	Seminar Hall	01	121.39 square meters. Seating capacity 106 persons.	Multipurpose for organizing conferences & Seminars both teachers and students, Workshops, college Meetings, blood donation camps, NSS functions, lectures etc.
6.	Botanical garden	01	625 Square meters	. Multiple trees /plants for the practice in Botany.
7.	Administrative Block	01	203.43 Square meters	Administration purpose such as principal chamber, clerical compartments, Record room, Student's services counters & space for computers storage etc.
8.	Generator set	01	Mahindra DG set, Model No. MM 3020, noise limit 75 Db. Manufacture date 2012, prepared under environmental protection rules 1986.	Repeatedly utilizing when normal electrical power supply is interrupted.

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9.	Stereo Zoom microscope with camera Stemi 2000 C.	01	Cost Rs 6 lakh	Spider Laboratory under Zoology department

ICT Infrastructure

(Quantity, Operating System platforms & utilities)

Sr. No	ICT Items	Quantity/	Platforms	Utility
1.	Personal Computers	64	Used mixed operating systems both Windows platforms and Linux based Ubuntu OS, stable release 18.04	Teaching departments for the teaching learning and research purposes , Central Library using the computers for the library automation and internet purpose , Office uses computers for office automation, Laboratories using the computers for the practical teaching to the science subjects.

2.	Server Computers	04	Windows server 2012 with service pack 2	Applying for Database purpose (Central Library, Zoology's Spider lab, Commerce and office) . Servers exclusively uses for capturing data to build up databases
3.	Internet connectivity: BSNL unlimited broadband combo plan titled: "Fibro 2000 GB/month 564" with the speed of 200 mbps. Monthly Plan rental is Rs 2999	Campus wide, covered all departments and units of the college.	Both wired and Wi-Fi	All fourteen departments, one central library and office have facility of wired internet and Wi-Fi access for the data downloading and uploading.
4.	Local Area Network (LAN)	04	Works on clients-Server based architecture where servers (Databases) and workstations (Nodes) are interconnected for data creation, data	Local Area Networks are using by central Library, Office, Commerce, Spider Laboratory. Local area Networks are used computers for capturing the dada

			storage and data operations.	through workstations and nodes.
5.	License software ,	04	Windows	Central library, Zoology's Spider laboratory, Commerce department and office. Central library using SOUL 3. (Stable version) developed by INFLIBNET of UGC for automation of routine functionalities. Other departments also uses the software for automation of their teaching learning and research purposes.
6.	Free and Open source software (DSpace 6.3, JDK-8, Postgres SQL database, Apache ant, apache maven, apache tomcat)	06	Linux Ubuntu stable release 18,04	Formation of institutional repository in central library using DSpace 6.3 software.

7.	All personal computers loaded with anti-virus systems to protect the data from viruses	64	All windows operating systems loaded with mix anti-virus systems such as net protectors and Quick Heal virus software	Two PCs in the central library are using Linux based Ubuntu 18.04 operating systems it does not require anti-virus software. These operating systems are virus resistant operating systems.
8	CCTV surveillance	...	...	Major spots in the campus is protected through CCTV surveillance systems.

9.	**Plagiarism Checks** The links to plagiarism more than 20 free software is given from library page of college website (www.jdpsd.org) to checks plagiarism in theses, dissertations, projects, papers etc so that students and teachers can maintain plagiarism free writings.