Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate facilities for Teaching- Learning. viz., classrooms, laboratories,sports field, fitness center, equipment, computing facilities,sports complex, etc. for the various programme offered

Response:

The college is spread across a built-up area of 21000 sq. ft, offering a range of facilities to support efficient and effective educational processes.

The college is well-equipped with six well-ventilated and spacious classrooms out of which three classrooms have smart interactive Panels, overhead Projector, blackboard, comfortable furniture, audio-visual equipment, microphones (collar and wireless), amplifier, camera, and video camera, and Wi-Fi connectivity at a speed of 100 Mbps. In line with the NCTE framework, existing facilities have been upgraded to align with the redesigned curriculum. Additionally, there are two Multi-purpose halls with ample seating capacity.
The computer lab comprises well-ventilated and spacious 53 computers and smart Panels with LAN and Wi-Fi connectivity at 100 Mbps speed. This facility is utilized by student teachers and teacher educators of all the training colleges. The college provides well-equipped laboratories for subjects such as science, computer science and English.

There are three resource centers, including the Art and Craft Resource Centre, Music Resource Centre, and Health and Physical Education Resource Centre, with adequate equipment and materials.
We have 2 libraries and reading rooms, one in college campus and the main library i.e. Shri B.L. Parikh Central Library Located on the main campus of Vidyamandir offers newspapers, magazines, periodicals, and books of nearly every genre, as well as puzzle and games section for pre-schoolers and kindergarteners. There is something for everyone over here.

The library and resource center spans an area of 1,964 sq. It houses 29861 books, including
reference books, 37 journals, 7 magazines, and daily newspapers. The library is also equipped with 14 computers and provides internet facilities at a speed of 100 Mbps with a scanner printer and RO water. Except on Mondays, students and bibliophiles come here every day to immerse themselves in the works of their choice in our serene and beautiful setting.

There are sports facilities are a highlight of the college, with excellent provisions for
cultural activities and a well-established Health and Physical Education Laboratory catering to student's diverse needs in sports. The college provides ample space, sporting equipment, and infrastructure.

Smt. Savitaben Panalal Kothari College of Secondary Education facilities for indoor and outdoor games including football, basketball, carom board, skipping ropes, and
table tennis. A well-maintained playground is also available.
Other essential facilities include the Principal Chamber and Administrative Office, separate
washrooms for males, females, and PwD individuals, a canteen, common rooms for boys and girls, a

staff room, first aid access, safe drinking water, a waiting/visitors room, spacious parking, Wi-Fi facility, Multipurpose hall, Seminar hall, Playground, and CCTV surveillance.

The K C Kothari central auditorium is equipped with a smart Panel and the latest theatre-type seating arrangement having central AC .

File Description	Document
List of physical facilities available for teaching learning	View Document
Geo tagged photographs	View Document
Link for additional information	View Document

4.1.2

Percentage of classrooms and seminar hall(s) with ICT- enabled facilities such as smart classroom, LMS, video and sound systems etc. during the last completed academic year.

Response: 50

4.1.2.1 **Number of classrooms and seminar hall(s) with ICT facilities**

Response: 03

4.1.2.2 **Number of Classrooms and seminar hall(s) in the institution**

Response: 06

File Description	Document
Geo-tagged photographs	View Document
Data as per Data Template	View Document

4.1.3

Percentage of expenditure excluding salary for infrastructure augmentation during the last five years

Response: 39.78

4.1.3.1 **Expenditure for infrastructure augmentation excluding salary during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
28400	28400	41562	34253	667449

File Description	Document
Income Expenditure statements highlighting the expenditure on infrastructure augmentation with seal and signature of CA and the Principal	View Document
Data as per Data Template	View Document
Any additional information	View Document

4.2 Library as a Learning Resource

4.2.1

Institution has adopted automation of library using Integrated Library Management System (ILMS) or any other software

Response:

Smt. Savitaben Panalal Kothari College is managed by Vidyamandir trust Palanpur. The library is functional Since 2011, the library has made consistent progress in terms of the collection of books, periodicals, e-resources, and other services. Palanpur also received its blessing in the form of the Shri B.L. Parikh Library. As our members kept multiplying, the premises were further expanded with the help of the Parikh Foundation in 2018. The library and resources are enriched in terms of the availability of textual resources consisting of 29861 books, including reference books, 37 journals, 7 magazines, and daily newspapers. The library is also equipped with 14 computers and provides internet facilities at a speed of 100 Mbps with a scanner printer and RO water. It is functional with proper internet and Wi-Fi connectivity. The library provides services like computerized issue/return, new arrival display, subscription of journals- Print and online, orientation programs for new users, and e-resources access for all users in an effective manner. The scanning and photocopying facilities are available for the students and faculty.

At the heart of any academic institution, the library serves as a hub of knowledge, offering a diverse array of resources ranging from books and journals to digital archives and multimedia materials. However, managing these resources efficiently while catering to the evolving needs of users can present significant challenges. Traditional library management methods often involve manual cataloging, circulation, and retrieval processes, which can be time-consuming and prone to errors. In contrast, ILMS revolutionizes library operations by integrating various functions into a cohesive digital platform.

Accessibility lies at the core of ILMS, empowering users to access library resources anytime, anywhere. With the proliferation of digital content, ILMS facilitates the integration of electronic resources, including e-books, e-journals, and databases, into the library catalog. This ensures that users can

conveniently access a vast array of materials remotely, transcending physical constraints and fostering a culture of lifelong learning. Furthermore, ILMS often incorporates user-centric features such as personalized recommendation algorithms and collaborative tools, enriching the overall user experience and promoting engagement with library resources.

File Description	Document
Bill for augmentation of library signed by the Principal	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Web-link to library facilities	[View Document](#)

4.2.2

Institution has remote access to library resources which students and teachers use frequently

Response:

The library remains open for access during the college working days from 7:00 am to 10:00 pm, throughout the year. During the examination, the

library remains open for access to the students from 08:00 am to 11:30 pm. The library remains closed on Mondays and national/ public holidays. The new arrivals to the library are exhibited in the display cabinet kept in front of the library The display cabinet is so situated that it is visible to the maximum students and staff members of the college. The new arrivals are kept in the cabinet for seven days. To date, no cent percent of visually disabled students have been admitted to our college. However, students with partial visual disability have studied. For them, some audio cassettes and audio system facilities have been installed in our library. In the library, seats are reserved in the seating arrangement for the physically disabled students. The book access requirements and issuing of books to such physically disabled students are provided at the seats of the students by the library staff.

File Description	Document
Details of users and details of visits/downloads	[View Document](#)
Landing page of the remote access webpage	[View Document](#)

4.2.3

Institution has subscription for e-resources and has membership/ registration for the following

1. e-journals
2. e-Shodh Sindhu
3. Shodhganga
4. e-books
5. Databases

Response: C. Any 2 of the above

File Description	Document
Receipts of subscription /membership to e-resources	[View Document](#)
E-copy of the letter of subscription /member ship in the name of institution	[View Document](#)
Data as per Data template	[View Document](#)
Link for additional information	[View Document](#)

4.2.4

Average annual expenditure for purchase of books, journals, and e-resources during the last five years (INR in Lakhs)

Response: 42502.6

4.2.3.1 **Annual expenditure for purchase of books, journals and e-resources during the last five years. (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
15198	38198	34257	34955	89905

File Description	Document
Income Expenditure statements highlighting the expenditure on books, journals, e- resources with seal and signature of both the Principal and Chartered Accountant	[View Document](#)
Data as per Data Template	[View Document](#)

4.2.5

Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 3.39

4.2.5.1 **Number of teachers and students using library for Month 1(not less than 20 working days) during the last completed academic year**

Response: 03

4.2.5.2 **Number of teachers and students using library for Month 2 (not less than 20 working days) during the last completed academic year**

Response: 53

4.2.5.3 **Number of teachers and students using library for Month 3 (not less than 20 working days) during the last completed academic year**

Response: 71

4.2.5.4 **Number of teachers and students using library for Month 4 (not less than 20 working days) during the last completed academic year.**

Response: 94

4.2.5.5 **Number of teachers and students using library for Month 5 (not less than 20 working days) during the last completed academic year.**

Response: 94

File Description	Document
Document showing the number of teachers and students using library / e-library per working day/ logins in remote access for 10 days each for five months during the last completed academic year with seal and signature of both the librarian and principal	[View Document](#)
Any other relevant information	[View Document](#)
Link to certified copies of the ledger pages/screenshots of the data for 5 days each for 5 working months selected by the institution	[View Document](#)

4.2.6

Efforts are made to make available National Policies and other documents on education in the library suitable to the three streams of teacher education –general teacher education, special education and physical education by the following ways

1. **Relevant educational documents are obtained on a regular basis**
2. **Documents are made available from other libraries on loan**

    3.Documents are obtained as and when teachers recommend

    4.Documents are obtained as gifts to College

Response: B. Any 3 of the above

File Description	Document
Data as per Data Template	View Document

4.3 ICT Infrastructure

4.3.1

Institution updates its ICT facilities including Wi-Fi

Response:

To address the digital challenges of the modern era Smt. Savitaben Panalal Kothari College of Secondary Education has implemented a comprehensive range of ICT facilities to facilitate daily academic and administrative activities efficiently and transparently. The college ensures that an adequate number of computers, printers, scanners, smart Panels, and projectors are available to support effective teaching and learning.
The college has established a robust mechanism for regularly upgrading and deploying ICT
resources, ensuring that the teaching-learning process is enhanced through the effective integration of technology. A sufficient budget is allocated annually by the college management to ensure the maintenance and upgradation of ICT facilities, keeping them up to date and in optimal working condition.

Among the 6 classrooms in the college, three are equipped with ICT tools such as smart.
Panels and projectors, while seminar rooms are equipped with Smart panels, enabling multimedia-rich teaching and presentations. The college boasts a total of 15 computers and laptops, all of which are loaded with the latest versions of essential software. Regular maintenance activities, including antivirus installation, computer formatting, and hardware replacement, are performed to ensure the smooth functioning of the systems. In case of major damage or technical issues, computer technicians and service providers are engaged to promptly address the issues and carry out necessary repairs or replacements.
In terms of internet connectivity, the college previously utilized a broadband connection, with a bandwidth of 100Mbps. Additionally; the college offers free Wi-Fi access to
all stakeholders, enabling them to connect their devices and access digital resources as needed. The college also maintains an active presence on YouTube, regularly updating its channel with educational content and resources.

Our institution has established structured maintenance procedures to uphold the condition and safety of physical facilities. This includes regular inspections, preventive maintenance schedules, and prompt resolution of maintenance issues identified through routine assessments or user feedback. Maintenance tasks are categorized based on urgency and impact, with dedicated staff responsible for overseeing repair and upkeep activities.

Our institution is committed to providing a robust and reliable ICT infrastructure, including Wi-Fi connectivity, to support the diverse needs of the academic community. Through strategic planning, continuous monitoring, and proactive maintenance, we ensure that our ICT facilities remain at the forefront of technological innovation, enabling seamless access to digital resources and fostering a culture of digital literacy and innovation.

By investing in and prioritizing ICT facilities, Smt. Savitaben Panalal Kothari Teachers' TrainingCollege ensures that students and faculty have access to the necessary technological tools to enhance their academic activities, stay connected, and make the most of digital resources.

File Description	Document
Document related to date of implementation, and updation, receipt for updating the Wi-Fi	View Document
Any additional information	View Document

4.3.2

Student – Computer ratio for last completed academic year

Response: 2.08

File Description	Document
Purchase receipts and relevant pages of the Stock Register with seal and signature of the principal	View Document
Data as per Data Template	View Document
Any additional information	View Document

4.3.3

Internet bandwidth available in the institution

Response: 100

4.3.3.1 **Available bandwidth of internet connection in the institution, in MBPS**

Response: 100

File Description	Document
Receipt for connection indicating bandwidth	[View Document](#)
Bill for any one month during the last completed academic year indicating internet connection plan, speed and bandwidth	[View Document](#)

4.3.4

Facilities for e-content development are available in the institution such as

1. **Studio / Live studio**
2. **Content distribution system**
3. **Lecture Capturing System (LCS)**
4. **Teleprompter**
5. **Editing and graphic unit**

Response: B. Any 4 of the above

File Description	Document
Data as per Data Template	[View Document](#)
Link to videos of the e-content development facilities	[View Document](#)

4.4 Maintenance of Campus and Infrastructure

4.4.1

Percentage expenditure incurred exclusively on maintenance of physical and academic support facilities during the last five years (INR in Lakhs)

Response: 96.78

4.4.1.1 **Expenditure incurred exclusively on maintenance of physical and academic support facilities during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
578776	425823	253364	240102	448467

File Description	Document
Income Expenditure statements highlighting relevant items with seal and signature of the Principal and Chartered Accountant	[View Document](#)
Data as per Data Template	[View Document](#)

4.4.2

Systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.are in place

Response:

Smt. S.P.Kothari College of Secondary Education is managed by Vidyamandir Trust. Systems and procedures for maintaining and utilizing physical, academic, and support facilities - laboratory, library, sports complex, computers, classrooms, etc. of the college are maintained by the trust.

The centralised system is set up for the looking after the resources of the institute. The estate department of the Vidyamandir Trust looks after the infrastructure of the classroom, maintenance, and repairs of the Institute Infrastructure.

Administrative officers oversee the supervisor's job at the next level. The admin head is accountable and acts as the supervisor who organizes the workforce effectively, maintaining duty files that contain details of their floor-wise duties, scheduling, leave etc. The maintenance officer conducts daily checks to ensure the infrastructure's efficiency/working condition.

The beautification in charge looks after the beautification-related matters. Adequate in-house staff is employed to maintain meticulous on-campus hygiene, cleanliness, and infrastructure to provide a comfortable learning environment. Classrooms, staff rooms, seminar rooms, IT labs, etc. are regularly cleaned and maintained by service and housekeeping staff assigned to each floor. In each room, dustbins are kept. A full-time gardener keeps the campus

 The Green Cover is intact. IT Lab assistant maintains institute computers and devices under the supervision of the system administrator.

From time to time Proper inspection is done and verification of stock takes place at the end of every year. From time to time repairs and maintenance requisites are submitted by the Principal to the Administrative office. The requirements are collectively processed in every semester break to keep things ready for the New Year.