

Criteria-4

4.1 Physical Facilities

4.1.1. The Institutions has adequate infrastructure & physical facilities for teaching learning viz., classrooms, laboratories computing equipment etc.

The TTWRDC (w) Shahnagar physical facilities in the college, started along with the academic program of the college in 2017 to the students and staff. We have gym facility too. It is situated on the ground floor occupying 400 SFT. We have good facilities likes spacious ground for outdoor games- kabaddi court, tennikoit and shuttle, ball badminton court, throw ball court, Kho-Kho and volley ball and shot put, discus throw courts in our college. Few of the games are being practiced in the other play grounds nearby. (track events, running events) and hammer throw. We also encourage the students to participate in indoor games like chess and carroms.

We teach them physical fitness exercises with light upbraids or leazuiems and dumbbells(wooden) and aerobics, Zumba exercises. Our students also participate in district level, state level and south zone level as well as in national level events or championships.

The college has procedures to create and continuously enhance the infrastructure in the form of human resources laboratory equipment, learning resources. The college has sufficient 17 class rooms, 3 dormitories, laboratories, seminar hall, ICT room to attend any kind of academic activities. The wing of NCC, department of IMSC-chemistry, Library, Examination branch are equipped with computer resources.

College has a library is stocked with necessary books related to academic syllabus, competitive exams, higher educations. Biometric attendance, physical attendance registers for all the staff members and students.

College has upgraded teaching and learning facilities with ICT, internet facility, UPS facilities for computer lab, projectors and smart TV.

Care taken room for 6 students in the ground floor allotted, ramp facility also available.

The institutions are spread in 77958 sqft, 2 floors total 437 students, 37 staff members working in the institutions. The institution has 6 labs viz., Physics, Chemistry, Botany, Zoology, Micro-biology, Computer.

Total Courses:

B.Sc. (MPC, MPCs, BSc, BZC), B. A (H.E.P), B. Com(Gen), B. Com (CA), Integrated Chemistry- 5 years.

File Description	Document
Additional Information	View Document

Cultural activities:

Institution believes in the importance of imbibing our cultural values on the young minds. Along with academics, sports and games, cultural activities also play an important role in the holistic development of students. The college cultural committee encourages students to participation in the cultural activities at cultural level, university and state level competitions.

Our students are participated in supernova cultural activities in state level cultural competitions in

2018-2019 and 2019-2020 to explore the talent of the student and won the many prizes in this event. And college also celebrates every year Telangana state festivals Bathukamma, Bonalu and other festivals with forever.

Sports and games:

Institution has the distance of producing potential sports persons represented at various National, inter university and state level and won medals besides excellence at various cultural youth festival. The college has adequate sports infrastructure. Institution promotes sportsmen by issuing travel concessions to attend various tournaments.

College believes in” Physical health is foundation for mental health “. The open ground in the college campus supports a wide variety of sports and games.

The department of physical education has made the college extremely proud by bringing laurels to the institution. Spacious playground is available for volleyball, kabaddi, Kho-Kho, tennikoit, shuttle, throes, jumps and short distance running events. There is good space available for indoor games such as carroms and chess.

Running and walking track: 200 m running and walking track.

Sports equipment:

Volley ball's /net / poles/air pump

Basketballs

Tennikoit, cricket kit, hand balls, chess board, carrom boards

Hockey balls, sticks with shuttle bats with(coughs), footballs.

Ball badminton, throw balls/poles / net, short put, discuss through, javelin throw, yoga mats and gym room.

Gym equipment: different types of weight lifting dumbbells, leg press, hip twist, sitting & standing, skipping ropes, weight lifting plats & stand, bench press, chin ups, mirrors, DVD player, divides and malty gym.

File Description	Documents
Additional Information	View Document

Percentage of class rooms and seminar halls with ICT enabled facilities such as smart classes.

File description	Documents
Smart & ICT Enabled	View Document
Seminars & Class Rooms	View Document

4.1.2 Percentage of Expenditure for Infrastructure Development & Augmentation Excluding Salary during the last Five Years.

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lacks).

File Description	Document
2017-2023 bills	View Document

File Description:

File Description	Document
Additional Information	View Document

Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

About

The TTWRDC library facilities are started along with the academic program of the college in 2017 to the students & staff. It is situated on the ground floor occupied 800 sft. It was maintained by UG & PG Library in order to inculcate reading habits among the students, the library has a knowledge center, and the faculty interacts with the students in the library.

Our college library has stocked with total number of volumes 10790 with 3659 titles including all department books, general books and competitive books acquired to the curriculum as well as to general knowledge. The students have the benefit of updating their knowledge on a range of subjects with the help of the following.

- > Text books
- > Reference Books
- > Magazines
- > Newspapers
- > Previous Question Papers

> Syllabus Copies

> Students & Staff use Open Access System

The library is located in the heart of the campus with its quiet atmosphere and well-lit study areas, the library is a hub of academic enquiry. Our library infrastructure may be implemented in different service section areas is like.,

>Circulation service

>Reference service

>Reading hall

>Notification service

The Institution does not have any services like.,

1.e-journals

2.e-ShodhSindhu

3.Shodhganga Membership

4.e-books

5.Databases

None of the above

File Description	Document
Additional Information	View Document

Number of teachers and students using library per day over last one year

File description	Document
Additional Information	View Document

Our college go to prestigious NAAC permission

These are a few necessary activities that need to be implemented in order to make advancements in our library in order to achieve permissions from NAAC.

I have studied a few colleges that are NAAC 'A'/A++ grade Degree & PG colleges permitted and analyzed what are the points that we need to consider for our college to get NAAC permission. I have compared our college with those colleges that got NAAC permission and came out with some points to discuss.

Library vision & mission

Vision

To evolve into a Centre of Library innovative practices in excellence in teaching, learning, promoting academic achievement, and excellence to produce internationally accepted competitive and psychologically strong and emotionally balanced embedded with social consciousness & ethical value.

Mission

To provide high-quality academic library facilities.

Our Motto

To improve knowledge with our library resources.

Infrastructure

The library is located in the heart of the campus with its quiet atmosphere and well-lit study areas, the library is a hub of academic inquiry. Our library infrastructure may be development in different service section areas is required more space like.,

- > To provide Circulation section area
- > To provide Reference section area
- > To provide Reading Hall
- > To provide Photo copying service
- > To provide Information display
- > To provide Notification service

We need more space in order to have this service area at the library.

Subscription of journals

We need to subscribe national and international print journals, E-journals (DELNET, N-list, J-Gate.)

Library Automation

It's the most needed ILMS (Integrated Library Management System)

It is useful to staff and students online public access catalog (OPAC) is provided to search for information through author, subject, title, subject number, keywords, etc. to know the status or availability of the books. This required software and Hardware support. Library administration purpose One PC specification for Library software, Barcode generator machine, Barcode reader, scanner and printer. Ups also required for power problems solved.

Generally used ILMS software's are

1. SOUL
2. New Gen Lib
3. Koha

Development sections of the library

Major sections that we need to implement are the circulation section, a reference section, periodical/magazine sections, and journal sections.

Services or Facilities

To provide users the following services.

- . Journals/Periodical services
- . E-journals services
- . Internet services
- . Inter library loan services
- . Photocopying services
- . Competitive books services
- . Project records and back volumes services
- . Job notification services etc.,

Conducting user awareness programs.

Digital Library

To provide internet facility and Wi-Fi for the digital library. The Digital library has a minimum of 15-30 systems, along with and printer scanner for reprography services. To subscription E-resources like DELNET, N-list, J-Gate.

4.3 IT Infrastructure

4.3.1. Intuition frequently updates its IT facilities including Wi-Fi

Institution has a well-developed system for providing IT Facilities to the students and staff. Maintenance and up gradation are done from time to time. ICT used in every day students class teaching, office, principal, library, NCC Room, Chemistry Lab & examination branch. There are more than 33 computer systems, 18 laptops, totally 51 are in the College.

At the beginning of every academic year the department of computer science organises assessment for replacement up gradation/ addition of the existing infrastructure is carried out based on the suggestions from in charges of the departments. The IT facilities have been upgraded in several phases during the last five years.

Hardware:

Hardware up gradation is being carried out as a regular basis as per requirements of individual departments.

System have been replaced with new models with advanced configurations and specifications like 4GB 2400MHz DDR4 Ram,500 GB HDD, 6 USB ports, 3 PCI slots, OEM Mother board. HP 240 G7 Notebook PC.

Software:

Adobe Readers, C, C++, JAVA, Tally ERP9, Turbo C++, MS-Office, My SQL, DBMS, Jamb Ovi, Python, R software, IBM SPSS. Scratch Programming are installed in computer laboratories for students.

Antivirus is developed through a Head office and updated annually.

The operating system is updated thoroughly.

File Description	Document
Additional Information	View Document

Our institution is using **Airtel** high speed internet more than 100 MBPS, Institution has Wi-Fi facility for the students and faculty members to avail internet facility for computing and communication resources, email creation, up/downloading of web-based applications, job applications, create flyers, Students study projects, seminars, attending online classes etc.

Details of the computer system with its configurations:

Computer Hardware: OEM Mother board, 4GM 2400 MHz, DDR4 RAM, 6 USB ports, 3 PCI slots, Mouse, Keyboard.

Internet Connectivity in last 5 years:

Parameter	2017-2018	2018-2019	2019-2022	2021-2023
Internet Connectivity & Bandwidth (Ayyappa brand band shadnagar)	10MBPS	20MBPS	30MBPS	100MBPS

Total Internet Connectivity Bandwidth Now= 100MBPS.

Annual maintenance is monitoring the maintenance of computer, installation of software and up gradation of hardware including college official website is done by computer programmer per the resolution taken by staff meeting under the college principal.

College Website/Facebook/YouTube/Twitter/Instagram Maintenance:T. Santhosha Computer Programmer. The overall supervision is done by the charge of Computer Programmer & Computer science department members & One Regular Faculty.

File Description	Document
Additional Information	View Document

4.3.2 Student-Computer Ratio (Data for the latest completed academic Year)

4.3.2.1 Number of Computers Available for Students usage during the latest completed academic year: **48**

Response: Total Students = 437

Computers = 48

Ratio = 1 : 9

Computer: Students

Bandwidth:100MBPS

File Description	Documents
Additional Information	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs).

S.No	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
1	3228661	5682335	1102102	2067427	1014815	1046373

File Description	Documents
Additional Information	View Document
Additional Information	View Document