

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.**

**Response:**

The institution always decides to provide and enhance the infrastructure facilities for effective teaching and learning. The management of the college keeps in mind the infrastructure and development policies and plan to create the required and adequate infrastructural facilities when there is a need and demand.

- The institution has provided with
- Spacious class rooms
- Well furnished and fully equipped staff room
- Network connectivity.
- Free internet lab resources
- Air conditioned laboratories
- Digital library
- Drinking water facilities
- Wi-Fi Connectivity
- Department library
- Transport facility Vast play ground area
- Vehicle shed
- Canteen and stationary facilities
- Three generators

The management Periodically discusses with principal and HODs for the needed infrastructural facilities and enhancement of infrastructure and also provides the required infrastructural facilities for effective teaching and learning.

**4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, yoga centre etc. and cultural activities**

**Response:**

The institution has all necessary facilities for sports and games.

- A spacious play ground with indoor and outdoor games facilities provided. vast play area with the square feet of 174240. Shuttle, badminton, basketball, volleyball, Kho-Kho and kabadi court are provided.
- Well equipped gymnasium created with help of UGC grand-in aid. The gymnasium consists of all required instruments with the buildup area of 798.875 square feet. Yoga center has been established in the college for doing yoga every week.
- We have established fine arts club with 3 coordinators. They are conducting cultural activities periodically and our students are participating in cultural competitions with other educational institution. Also we are having adequate facilities like dance dress, make-up things and all other required things for folk dance, and other dance.
- Visitor room, store room, rest room, Xerox coping room, vehicle shed, telephone facility, stores for office stationary are available.
- Separate Rooms are allotted for all the 27 clubs and commities activities and a spacious room for NSS, cultural events, placement cell and Health Centre.

Auditorium with 1500 seating capacity and a conference hall with 1000 seating capacity with audio visual resources are established for the conduction of cultural programmes, workshops, seminars, conferences, debates, college celebrations, various meetings and inter collegiate meet.

**4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc**

**Response: 25**

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 14

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

NO OF CLASS ROOM WITH LCD FACILITY	NAUMBER OF CLASS ROOM WITH WIFI	NO OF SEMINAR HALL WITH ICT FACILITY
10	53	4

#### 4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

**Response: 80**

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
326	422	175	169	156

<b>File Description</b>	<b>Document</b>
Details of budget allocation, excluding salary during the last five years	View Document

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development	Year of allocation
6,00,00,000	6,92,14,899	2012-2013
8,00,00,000	8,87,18,253	2013-2014
6,50,00,000	6,91,09,952	2014-2015
5,00,00,000	5,27,53,873	2015-2016
5,25,00,000	5,92,83,963	2016-2017

## 4.2 Library as a Learning Resource

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

**Response:**

Library is situated in a separate block with 3200 sq.fts. It has 120 seating capacity. A special place has been allotted in the library for keeping the belongings of students before they enter the

reading hall. Library has established conducive atmosphere with provision of tables and chairs for reading with good ventilation for the students. Library has been established with OPAC (Online Public Accessing Catalogue) facility to access the books easily in the rack. Every year library advisory committee is constituted to strengthen its activity. This committee allocates department wise budget for purchase of books, Periodicals and also conducts annual stock verification. The Library also contains book bank scheme. Information center is also constituted along with the library services. The library is fully automated and digitalized. Extension of library building for allotting different sections such as reference, journals, magazines and computerization facility is available. To motivate the students for utilizing the library collection, Internet and online facilities are made in the library. Library provides the e-resources like INFLIBNET, DELNET, IEEE provided with Dolphin Software for library automation and further enrichments.

Name of the software- Epustakalyam Software

Version-5.0.100

Nature of Automation-Fully Automated.

#### **4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment**

##### **Response:**

The library has a total number of 34350 books, 10 National journals, 6 International journals, 7 National and International magazines and the subscription for new periodicals, Newspaper, competitive examinations materials, employment news, women's magazines for the enrichment of the students and teachers.

The library conducts book exhibition, orientation programmers, research oriented seminars and conferences. Best Library Utilize Award is given to the Best Library Users among students every year. Every year students are taken to visit the district central book exhibition at Patna and institutional repository resources are providing for further library enrichments

#### **4.2.3 Does the institution have the following:**

- 1. e-journals**
- 2. e-ShodhSindhu**
- 3. Shodhganga Membership**
- 4. e-books**
- 5. 5.Databases**

**A. Any 4 of the above**

**B. Any 3 of the above**

**C. Any 2 of the above**

**D. Any 1 of the above**

Response: B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document

1. e-journals	YES
2. e-ShodhSindhu	NO
3. Shodhganga Membership	NO
4. e-books	YES
5. Databases	YES

#### 4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

**Response: 1.18**

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1.4	1.5	1	1	1

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document

1. e-journals	YES
2. e-ShodhSindhu	NO
3. Shodhganga Membership	NO
4. e-books	YES
5. Databases	YES

**4.2.5 Availability of remote access to e-resources of the library**

**Response: Yes**

File Description	Document
Details of remote access to e-resources of the library	View Document

Expenditure on the purchase of books	Expenditure on the purchase of journals	Year of expenditure	Budget allocated	Expenditure on subscription to e-journals and other e-resource
476000	63200	2012-2013	200000	31520
290040	63523	2013-2014	200000	32300
234751	65423	2014-2015	200000	37500
71545	65423	2015-2016	200000	17500
120086	65423	2016-2017	200000	22000

**4.2.6 Percentage per day usage of library by teachers and students**

**Response: 2.06**

4.2.6.1 Average number of teachers and students using library per day over last one year

**Response: 55**

File Description	Document
Details of library usage by teachers and students	View Document

Upload Last Page of Accession details	Method of computing per day usage of library	No. Of using through access per day	No. of teachers accessing library per day	No. of students accessing library per day.
	Total no of users	348	55 (per day)	850 (per day)
	Total no of strength			

### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities including Wi-Fi

**Response:**

- All departments of the institution have internet facility and Wi-Fi connectivity inside the campus.
- The institution adopts ICT enabled teaching learning process through LCD and OHP.
- Well equipped English language lab with net facility is established for the benefit of students to develop the fluency and accuracy of their communication Skills.
- Our College has a well equipped centralized net lab for the needs of students and faculty members.
- Computer laboratories consist of advanced softwares like NET, MATLAB, R TOOLS, JAVA etc.
- All the departments, office, Exam cell and library are provided with well equipped internet connections through Wi-Fi.
- Computerized Academic Management Processing Expert System software with the cost of Rs.20,000 has been installed in the college office for office automation.
- Computer lab and net lab Provides other facilities like Typing, Printing, Scanning and CD/DVD writing also.
- Library is equipped with INTERNET, OPAC, INFLIPNET and DELNET services.

#### 4.3.2 Student - Computer ratio

**Response: 18.98**

File Description	Document
Student - Computer ratio	<a href="#">View Document</a>

Number of computers in working condition	Total Number of students
120	2344

#### 4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

<5 MBPS

5-20 MBPS

20-35 MBPS

35-50 MBPS

Response:  $\geq 50$  MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document

Number of computers with access to internet	Bandwidth of leased line condition	LAN configuration and speed
120	12	100 Mbps

#### 4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility, LCS	View Document

RECORDING FACILITIES FOR PEER STUDENTS, B.ED

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 80

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

2016-17	2015-16	2014-15	2013-14	2012-13



326	422	175	169	156
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File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

Year	Assigned budget on academic support facilities(excluding salary for human resource)	Expenditure on academic support facilities(excluding salary for human resources)	Assigned budget on physical facilities(excluding salary for human resources)	Expenditure on physical facilities(excluding salary for human resources)
2012-2013	20,25,000	15,06,175	2,00,00,000	2,18,37,317
2013-2014	1,50,00,000	94,63,285	2,25,00,000	2,36,23,364
2014-2015	70,00,000	61,58,945	1,00,00,000	1,30,68,448
2015-2016	12,50,000	9,28,748	1,50,00,000	1,48,52,257
2016-2017	10,00,000	1072534	1,25,00,000	1,34,47,737

**4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

**Response:**

- Lab-in-charge maintains equipments and clean lab and other equipments
- Cleaning service is done by appointed non teaching staff and Ayahs. All class rooms, bath rooms and college premises and the infrastructural materials are maintained by the non teaching staff.
- The electricians maintain and upkeep all the electrical instruments and generators and do all other electrical works.
- Sweepers regularly clean the premises and wash all bathrooms daily.
- Stock verification such as electrical lab instrument, library books, stationary, furniture, sport equipments are done once in a year.

- The instruments are calibrated by available electrician, technician and mechanic when it is required.
- Outsource person and instrument supplier are maintaining the instruments and equipments whenever there is requirement.

The college has installed three generators with 25 KV and 25KV to maintain the power supply all the time, Voltage fluctuations are avoided by uninterrupted power supply.

- The voltage and power supply is regularly checked by the appointed electricians.
- The arrangement of battery, backup and inverters protect computer accessories for constant power supply and seven bore wells are available in the college premises for constant and regular water supply.
- The RO water plant is established in the premises to supply mineral and purified drinking water.
- The college library consists of 34350 books, 10 national, 6 International journals, 7 magazines and 10,000 data e-books. The facility of accessing more than 15,000 journals from INFLIBNET and more than 8,000 journals from DELNET are available. Library is maintained by Assistant Librarian and Attendees.
- Sports room, Gym and Play Ground are maintained by Attendees.
- Respective department HOD's, faculty members and their attendees maintain the academic records daily.

Principal supervises and maintains all academic activities of the institution.