

## **CRITERION - IV**

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### **INFRASTRUCTURE AND LEARNING RESOURCES**

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# INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 Physical Facilities

### 4.1.1 How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The University has already constituted a 'Space Reviewing Committee' to review the requirement of various Departments and the physical infrastructure available over there. The additional required space, if any, will be provided to each Department, wherever it will be needed, by constructing new buildings within the premises of the Department / University.

### 4.1.2 Does the university have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes, the physical infrastructure of each Department and course based requirement of that Department has already been evaluated by the 'Space Reviewing Committee' of the University. The information is already available in the database of the University. The process of re-allocation of the space out of the available infrastructure is already in process.

### 4.1.3 How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

The University has already taken a step for providing enough space for establishing research laboratory and a separate sitting place with computer and internet facility to those teachers who are in need of the same.

### 4.1.4 Has the university provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

Yes, most of the Departments of the University are well equipped with the Departmental Office Room, Common Room and separate Rest Rooms for women students and staff. The efforts have already been made to develop such facility where ever it is not available.

### 4.1.5 How does the university ensure that the infrastructure facilities are disabled-friendly?

By providing ramps and disabled friendly class rooms and toilets in each building.

### 4.1.6 How does the university cater to the requirements of residential students? Give details of

\* Capacity of the hostels and occupancy (to be given separately for men and women)

Hostels	Capacity	Occupancy
<b>Men's Hostels</b>		
1. Capt. Roop Singh Hostel	120	70
2. Arvabhadd Hostel	180	160
<b>Women's Hostels</b>		
1. Tatyā Tope Hostel	82	120
2. Mrignayani Hostel	75	180

\* **Recreational facilities in hostel/s like gymnasium, yoga centre, etc.**

Yes, the following facilities are available with each hostels of the University:

- \* Mess with dining facilities, Indoor and Outdoor games, Reading room, Solar water heater, Water Cooler with purifier, Washing machine, Refrigerator, 24 hr security, Medical Aid with sick room, Recreation Hall, Standby Power Supply.
- \* The University has already taken a step for providing a gymnasium and a yoga centre in each hostel.

\* **Broadband connectivity / wi-fi facility in hostels.**

Yes, the following facilities are available with each hostels of the University:

Computer with Internet and wi-fi facility, Telephone

**4.1.7 Does the university offer medical facilities for its students and teaching and non-teaching staff living on campus?**

Yes, a Health Centre cum Day Care facility is available on campus with a medical specialist that provide medical facilities to the students, teaching and non-teaching staff living on campus. The Health Centre is also equipped with an Ambulance facility.

**4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?**

A sports ground and a gymnasium are available on campus that promote students' interest in sports. Galav Sabhagar is available on campus where the students organize various cultural activities for the students.

**4.2 Library as a Learning Resource**

**4.2.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?**

Yes, 'Advisory Committee' has been constituted for library development and for providing library services to the users. The external walls of the library building has been painted; Stacks are newly electrified and seats are arranged for study in each stack; Reading Room is furnished with latest reading material and made air conditioned. Internet and intranet connectivity has been provided on Campus for users. Power generator and online ups are procured for library to provide uninterrupted electric supply.

#### 4.2.2 Provide details of the following: (Central Library)

- \* Total area of the library (in Sq. Mts.) ~ 5000
- \* Total seating capacity 200
- \* Working hours (on working days, on holidays, before examination, during examination, during vacation)
  - Working days : 9.00 hrs (9 AM to 6PM)
  - Holidays : 4.00 hrs (9AM to 1PM)
- \* Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)  
An internet room is equipped with 30 computer nodes along with internet connectivity through LAN and intranet, UGC INFONET e-Journal consortium.
- \* Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently users and mode of access to collection  
Various Sign boards are displayed. Open access System is followed.

#### 4.2.3 Give details of the library holdings:

- a) Print (books, back volumes and theses)
  - (i) 1.94 lakh books, (ii) 8200 back volumes (iii) 4500 theses and dissertations
- b) Average number of books added during the last three years 4355
- c) Non Print (Microfiche, AV) 1500
- d) Electronic (e-books, e-journals) Above 8500+ (UGC-Infonet facility is available)
- e) Special collections (e.g. text books, reference books, standards, patents)
  - Text and Reference books: 13895
  - Manuscripts (Hand written): 214
- f) Book Banks : Yes
- g) Question Banks Available

#### 4.2.4 What tools does the library deploy to provide access to the collection?

- \* OPAC (Online Public Access Catalogue) Available
- \* Electronic Resource Management UGC-Infonet  
package for e-journals
- \* Federated searching tools to search Available  
articles in multiple databases
- \* Library Website Available
- \* In-house/remote access to Available  
e-publications

#### 4.2.5 To what extent is ICT deployed in the library? Give details with regard to (Central Library)

- \* Library automation Yes

* Total number of computers for general access	40
* Total numbers of printers for general access	05
* Internet band width speed	1 GB
* Institutional Repository	Available
* Content management system for e-learning	Training at site
* Participation in resource sharing networks/consortia (like INFLIBNET): Yes	
1. Bibliographical Database of 60000 books has been created and transferred to INFLIBNET	
2. Recently joined National Knowledge Network	
3. Bibliographical Database of 3500 Ph.D. theses has been created and transferred to INFLIBNET	

#### 4.2.6 Provide details (per month) with regard to

* Average number of walk-ins	5000
* Average number of books issued/returned	11300
* Ratio of library books to students enrolled	35:1
* Average number of books added during the last four years	363
* Average number of login to OPAC	980
* Average number of login to e-resources	1000
* Average number of e-resources downloaded/printed	5850
* Number of IT (Information Technology) Literacy trainings organized	02

#### 4.2.7 Give details of specialized services provided by the library with regard to

* Manuscripts	Available
* Reference	Available
* Reprography/Scanning	Available
* Inter-library Loan Service	Available
* Information Deployment and Notification	Available
* OPACS	Available
* Internet Access	Available
* Downloads	Available

- \* Printouts Available
- \* Reading list/ Bibliography compilation Available
- \* In-house/remote access to e-resources Available
- \* User Orientation Available
- \* Assistance in searching Databases Available
- \* INFLIBNET/IUC facilities Available

**4.2.8 Provide details of the annual library budget and the amount spent for purchasing new books and journals.**

S.N.	Year	Budget(Rs) Non-plan	Expenditure (Rs)
1	2009-10	38,61,000	16,70,000
2	2010-11	35,27,000	23,78,000
3	2011-12	36,85,000	3,48,000
4	2012-13	40,00,000	12,93,000
5	2013-14	46,10,000	24,87,000

**B – Plan :**

- a) 11<sup>th</sup> Five Year Plan (2007-2012): Total Budget allocation - Rs. 60,00,000/-  
**Total Expenditure - Rs. 59,32,000/-**
- b) 12<sup>th</sup> Five Year Plan (2013 - 2017) : Total Budget allocation partially - Rs. 56,00,000/-  
**Total Expenditure - Rs.17,14,000/-**

**4.2.9 What initiatives has the university taken to make the library a 'happening place' on campus?**

- Library is the hub of UGC INFONET e-journal consortium.
- Stacks are newly electrified and seats are arranged for study in each stack.
- Reading Room is furnished with latest reading material and made air conditioned.
- Internet and intranet connectivity through optical fibre are available on campus for users.
- Power generator and online UPS are procured for library to provide uninterrupted electric supply.

**4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analyzed and used for the improvement of the library services?**

- (1) Suggestion Box (2) Library e-mail ID

**4.2.11 List the efforts made towards the infrastructural development of the library in the last four years.**

Air conditioners (10), Generator (1) Renovation of Stacks, Renovation of Theses and bound periodical section and Latest Books and reading materials are acquired for users.

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### 4.3 IT Infrastructure

#### 4.3.1 Does the university have a comprehensive IT policy with regard to .

- IT Service Management YES, Already in practice
- Information Security YES
- Network Security YES
- Risk Management YES
- Software Asset Management YES
- Open Source Resources YES
- Green Computing YES

#### 4.3.2 Give details of the university's computing facilities i.e., hardware and software.

- Number of systems with individual configurations 800
- Computer-student ratio 1:5
- Dedicated computing facilities YES, Available
- LAN facility YES, Available
- Proprietary software YES, Available
- Number of nodes/ computers with internet facility 800
- Any other (please specify) In addition to above facility, most of the students/scholars/faculty members have individual laptops.

#### 4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The University takes measures to update IT infrastructure time to time. The university has executed a plan to developed university management software system a part of which has already been implemented in the account section of the university.

#### 4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

The University has established the smart classes. The online teaching aids are used for teaching. Various database packages are available on Internet and many of them are used by the faculty members in the class room teaching on regular basis. The student are using e-library for their preparation, searching literature and generating knowledge.

#### 4.3.5 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

The University has developed Smart Class Rooms in each Department and these class rooms are regularly utilized for class room teaching and for holding seminars, conferences, workshops, etc.

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**4.3.6 What are the IT facilities available to individual teachers for effective teaching and quality research?**

The available UGC-Infonet e-Journal Consortium facility on campus is provided to each faculty members. They use this facility for effective teaching and quality research.

**4.3.7 Give details of ICT-enabled classrooms/learning spaces available within the they utilized for enhancing the quality of teaching and learning?**

The University Quality of teaching and learning has been enhanced in different departments by deployment of ICT-enabled smart class room. These class rooms are regularly utilized for class room teaching and for holding seminars, conferences, workshops, etc. in various disciplines.

**4.3.8 How are the faculty assisted in preparing computer- aided teaching-learning materials? What are the facilities available in the university for such initiatives?**

Various computer aided teaching and learning materials have been prepared by the faculty members of the University e.g., lecture notes, power point presentations, animations etc. in different disciplines. Computers, soft wares and technical expertise are available in the University to develop such teaching-learning materials. The available smart class rooms in each Department are used as display rooms for these materials. The University is also planning to develop student - teacher interaction through satellite programmes. This will help in educating students of the affiliated colleges with subject experts available on campus.

**4.3.9 How are the computers and their accessories maintained?**

The computers are maintained by concerned supplying companies for initial three years. Later on computers are maintained through AMC. Special funds have been allocated by the University for maintenance of the Computer and accessories available on campus.

**4.3.10 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of?**

YES. Access to UGC Infonet e-journal consortium is availed through National Knowledge Network connectivity.

**4.3.11 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?**

YES, through internet connectivity. Free access is available to all students and faculties.

**4.3.12 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.**



S.N.	Year	Budget(Rs)	Expenditure (Rs)
1	2009-10	60,00,000	50,00,000
2	2010-11	70,00,000	49,43,000
3	2011-12	70,00,000	50,56,000
4	2012-13	65,00,000	36,64,000
5	2013-14	45,50,000	14,22,000

**4.3.13 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?**

The University is planning to develop student - teacher interaction through Open Access System under ICT facility. The University is also contributing for database "Vidwan" for inflibnet. This will help in educating the students of the affiliated colleges with subject experts available on campus. Students are also using "e-Pathshala" portal provided by UGC.

**4.4 Maintenance of Campus Facilities**

**4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.**

Yes, an Engineering and USIC divisions are available on campus that help in maintaining buildings, class rooms and laboratories available with the University.

**4.4.2 Does the Institution have budget for maintenance of the facilities available on the campus- physical facilities and academic support facilities?**

Yes

**4.4.3 How are the infrastructure facilities, services and equipments maintained? Give details.**

The University maintains infrastructure facilities, services and equipments through Engineering, AMCs of various equipments and USIC facility of the University.

*Any other information regarding Infrastructure and Learning Resources which the university would like to include.*

The University has also created and developed separate Departmental library in each Department with specialized recent edition books. The University also allocates funds every year for these specialized libraries for development with recent edition of books. The students and the faculty members are continuously benefitted with these libraries in addition to the well developed Central Library situated on campus. Each Departmental library is also connected with UGC-infonet e-journal consortia that is available with the central library.