

CRITERION IV:

INFRASTRUCTURE AND LEARNING RESOURCES

Criterion IV - Infrastructure and Learning Resources: This criterion seeks to elicit data on the adequacy and optimal use of the facilities available in an institution to maintain the quality of academic and other programmes on the campus. It also requires information on how every constituent of the institution - students, teachers and staff - benefit from these facilities. Expansion of facilities to meet future development is included among other concerns. The focus of this criterion is captured in the following Key Aspects:

KEY ASPECTS

- 4.1 Physical Facilities**
- 4.2 Library as a Learning Resource**
- 4.3 IT Infrastructure**
- 4.4 Maintenance of Campus Facilities**

4.1 Physical Facilities

Adequate infrastructure facilities are key for effective and efficient conduct of the educational programmes. The growth of the infrastructure thus has to keep pace with the academic developments in the institution. The other supportive facilities on the campus are developed to contribute to the effective ambience for curricular, extra- curricular and administrative activities.

4.2 Library as a Learning Resource

The library holdings in terms of books, journals and other learning materials and technology-aided learning mechanisms which enable students to acquire information, knowledge and skills required for their study programmes.

4.3 IT Infrastructure

The institution adopts policies and strategies for adequate technology deployment and maintenance. The ICT facilities and other learning resources are adequately available in the institution for academic and administrative purposes. The staff and students have access to technology and information retrieval on current and relevant issues. The institution deploys and employs ICTs for a range of activities.

4.4 Maintenance of Campus Facilities

The institution has sufficient resources allocated for regular upkeep of the infrastructure. There are effective mechanisms for the upkeep of the infrastructure facilities and promote the optimum use of the same.

THE ASSESSMENT OUTCOME

The assessment by NAAC takes a holistic view of all the inputs, processes and outcomes of an institution and thus the HEIs are expected to demonstrate how they achieve the objectives of the core values through the data and information detailed in the self study reports (SSR). The Assessment and Accreditation outcome includes a qualitative and quantitative component. The qualitative part of the outcome is the Peer Team Report (PTR) and the quantitative part includes a Cumulative Grade Point Average (CGPA), a letter grade and a performance descriptor.

(i) Weightages

Taking cognizance of the diversity in institutional functioning, HEIs have been grouped under three major categories i.e. Universities, Autonomous colleges and Affiliated colleges and differential weightages are assigned for each of the seven criteria as detailed in the table below:

Criteria	Key Aspects	Universities	Autonomous Colleges	Affiliated Colleges
1. Curricular Aspects	1.1 *(U)Curriculum Design and Development	50	50	NA

Criteria	Key Aspects	Universities	Autonomous Colleges	Affiliated Colleges
	1.1. *(A) Curricular Planning and Implementation	NA	NA	20
	1.2 Academic Flexibility	50	50	30
	1.3 Curriculum Enrichment	30	30	30
	1.4 Feedback System -	20	20	20
	Total	150	150	100
2. Teaching-Learning and Evaluation	2.1 Student Enrolment and Profile	10	30	30
	2.2 Catering to Student Diversity	20	40	50
	2.3 Teaching-Learning Process	50	100	100
	2.4 Teacher Quality	50	60	80
	2.5 Evaluation Process and Reforms	40	30	50
	2.6 Student Performance and Learning Outcomes	30	40	40
	Total	200	300	350
3. Research, Consultancy and Extension	3.1 Promotion of Research	20	20	20
	3.2 Resource Mobilization for Research	20	20	10
	3.3 Research Facilities	30	20	10
	3.4 Research Publications and Awards	100	20	20
	3.5 Consultancy	20	10	10
	3.6 Extension Activities and Institutional Social Responsibility	40	50	60
	3.7 Collaboration	20	10	20

Criteria	Key Aspects	Universities	Autonomous Colleges	Affiliated Colleges
	Total	250	150	150
4. Infrastructure and Learning Resources	4.1 Physical Facilities	30	30	30
	4.2 Library as a Learning Resource	20	20	20
	4.3 IT Infrastructure	30	30	30
	4.4 Maintenance of Campus Facilities	20	20	20
	Total	100	100	100
5. Student Support and Progression	5.1 Student Mentoring and Support	40	40	50
	5.2 Student Progression	40	40	30
	5.3 Student Participation and Activities	20	20	20
	Total	100	100	100
6. Governance Leadership and Management	6.1 Institutional Vision and Leadership	10	10	10
	6.2 Strategy Development and Deployment	10	10	10
	6.3 Faculty Empowerment Strategies	30	30	30
	6.4 Financial Management and Resource Mobilization	20	20	20
	6.5 Internal Quality Assurance System	30	30	30
	Total	100	100	100
	7. Innovations	7.1 Environment Consciousness	30	30

Criteria	Key Aspects	Universities	Autonomous Colleges	Affiliated Colleges
and Best Practices	7.2 Innovations	30	30	30
	7.3 Best Practices	40	40	40
	<i>Total</i>	100	100	100
	TOTAL SCORE	1000	1000	1000

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(U)- applicable only for Universities and Autonomous Colleges

(A)- applicable only for the Affiliated/Constituent Colleges

(ii) Grading System

The accreditation status of the assessed HEIs is decided using the weightages detailed above. Institutions will be assessed and graded on a four point scale and qualifying institutions accredited and graded on a 3- letter grade as follows:

Range of institutional Cumulative Grade Point Average (CGPA)	Letter Grade	Performance Descriptor
3.01-4.00	A	Very Good (Accredited)
2.01-3.00	B	Good (Accredited)
1.51-2.00	C	Satisfactory (Accredited)
≤ 1.50	D	Unsatisfactory (Not Accredited)

Institutions which secure a CGPA equal to or less than 1.50 and graded “D” does not qualify for accreditation. Such unqualified institutions will be intimated and notified by the NAAC as “assessed and found not qualified for accreditation”.

(ii) Validity Period of Accreditation

The accreditation status is valid for five years from the date of approval by the Executive Committee of the NAAC. To continue the status of accreditation the institution has to record its intent for the next cycle accreditation by submitting the LOI six months before the expiry of the accreditation status and the SSR within six months of acceptance of the LOI by NAAC. **Institutions that do not adhere to these timelines will lose the accreditation status.**

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4.1 Physical Facilities

- 4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?
- 4.1.2 Does the College have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.
- 4.1.3 Does the College provide all departments with facilities like office room, common room, separate rest rooms for women students and staff?
- 4.1.4 How does the College ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?
- 4.1.5 How does the College cater to the residential requirements of students? Mention
 - * Capacity of the hostels and occupancy (to be given separately for men and women)
 - * Recreational facilities in hostel/s like gymnasium, yoga center, etc.
 - * Broadband connectivity / wi-fi facility in hostel/s.
- 4.1.6 How does the College cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?
- 4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?

4.2 Library as a Learning Resource

- 4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?
- 4.2.2 Provide details of the following:
 - * Total area of the library (in Sq. Mts.)

- * Total seating capacity
- * Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- * Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)
- * Access to the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently abled users and mode of access to collection)

- 4.2.3 Give details on the library holdings **Total No.**
- a) Print
(Books, back volumes and thesis)
 - b) Non Print (Microfiche, AV)
 - c) Electronic (e-books, e-Journals)
 - d) Special collection
(eg. Text book, Reference books, standards, patents)

- 4.2.4 What tools does the library deploy to provide access to the collection?
- * OPAC
 - * Electronic Resource Management package for e-journals
 - * Federated searching tools to search articles in multiple databases
 - * Library Website
 - * In-house/remote access to e-publications

- 4.2.5 To what extent is the ICT deployed in the library?
- * Library automation
 - * Total number of computers for public access
 - * Total numbers of printers for public access
 - * Internet band width speed □ 2mbps □ 10 mbps □ 1 gb (GB)
 - * Institutional Repository
 - * Content management system for e-learning
 - * Participation in Resource sharing networks/consortia (like Inflibnet)

- 4.2.6 Provide details
- * Average number of walk-ins
 - * Average number of books issued/returned
 - * Ratio of library books to students enrolled

- * Average number of books added during last three years
- * Average number of login to OPAC
- * Average number of login to e-resources
- * Average number of e-resources downloaded/printed
- * Number of information literacy trainings organized

4.2.7 Give details of the specialized services provided by the library

- * Manuscripts
- * Reference
- * Reprography
- * ILL (Inter Library Loan Service)
- * Information Deployment and Notification
- * OPAC
- * Internet Access
- * Downloads
- * Printouts
- * Reading list/ Bibliography compilation
- * In-house/remote access to e-resources
- * User Orientation
- * Assistance in searching Databases
- * INFLIBNET/IUC facilities

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

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services.

4.2.10 List the infrastructural development of the library over the last four years.

4.2.11 Did the library organize workshop/s for students, teachers, non-teaching staff of the College to facilitate better Library usage?

4.3 IT Infrastructure

4.3.1 Does the College have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?

4.3.2 Give details of the College's computing facilities (hardware and software).

- Number of systems with configuration
- Computer-student ratio

- Dedicated computing facility
 - LAN facility
 - Wifi facility
 - Propriety software / Open source softwares
 - Number of nodes/ computers with internet facility
 - Any other
- 4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?
- 4.3.4 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.
- 4.3.5 Give details on the ICT enabled classrooms/learning spaces available within the College and how they are utilized for enhancing the quality of teaching and learning.
- 4.3.6 How are the faculty facilitated to prepare computer aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?
- 4.3.7 How are the computers and their accessories maintained? (AMC, etc.)
- 4.3.8 Does the College avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?
- 4.3.9 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the College?

4.4 Maintenance of Campus Facilities

- 4.4.1 Does the College have an Estate Office / designated officer for overseeing maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.
- 4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.

Any additional information regarding Infrastructure and Learning Resources, which the institution would like to include.