

**NAAC Criteria 4**  
**Infrastructure & Learning Resources**  
**100 Marks**

**Key Indicators : 04, Sub Indicators : 15**



by

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**Criteria 4 : 100 Marks**  
**Infrastructure & Learning Resources**

<b>Key Indicators</b>	<b>:</b>	<b>04</b>
<b>4.1 Physical Facilities</b>	<b>:</b>	<b>30</b>
<b>4.2 Library &amp; Learning Resource</b>	<b>:</b>	<b>20</b>
<b>4.3 IT Infrastructure</b>	<b>:</b>	<b>30</b>
<b>4.4 Maintenance of Campus Infrastructure</b>	<b>:</b>	<b>20</b>
	<b>:</b>	<b>100</b>

## Weightage for Criteria : 4

	Key Indicators	University	Autonomous Colleges	Affiliated /College/ Constituent/ Colleges	
				UG	PG
4.1	Physical Facilities	30	30	30	30
4.2	Library as a learning resource	20	20	20	20
4.3	IT Infrastructure	30	30	30	30
4.4	Maintenance of Campus Infrastructure	20	20	20	20
<b>Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

## Metrics : (50+50 = 100)

### Qualitative Metrics (QIM)

Metrics	Number	Marks
4.1.1	01	20
4.2.1	01	15
4.3.1	01	15
4.4.2	01	10
<b>Total</b>	<b>04</b>	<b>50</b>

### Quantitative Metrics (QnM)

Metrics	Number	Marks
4.1.2	01	10
4.2.2	01	05
4.3.2	01	10
4.3.3	01	05
4.4.1	01	10
<b>Total</b>	<b>05</b>	<b>50</b>

4.1.2, 4.2.2, 4.3.3, 4.4.1 = 4 Data Templates

Key Indicator – 4.1  
**Physical Facilities : 30**

Metric No.	Metrics Description	Weightage
<p>4.1.1 QIM</p>	<p>The <b>Institution</b> has <b>Adequate Infrastructure Facilities</b> for :</p> <ol style="list-style-type: none"> <li>1. <b>Teaching-Learning, Viz, Classrooms, Laboratories.</b></li> <li>2. ICT Enabled Facilities such as Smart Classes, LMS etc.</li> <li>3. Facilities for Cultural and <b>Sports Activities, Yoga Centre, Games (Indoor and Outdoor), Gymnasium, Auditorium</b> etc.</li> </ol> <p>Describe the Adequacy of Facilities for Teaching - Learning as per the minimum Specified Requirement by the Statutory Bodies, within Maximum of <b>500 Words</b>.</p> <p><b>File Description :</b></p> <ul style="list-style-type: none"> <li>• <b>Upload</b> any Additional Information.</li> <li>• Provide the <b>Link</b> for Additional Information.</li> </ul> <p><b>Apart from the above:</b></p> <ul style="list-style-type: none"> <li>• <b>Provide Links</b> for any other Relevant Document to Support the Claim. (if any)</li> </ul>	<p style="text-align: center;"><b>20</b></p>

# Key Indicator – 4.1

## Physical Facilities : 30

Metrics	Metrics Description	Weightage												
<p>4.1.2 QnM</p>	<p>Percentage of <b>Expenditure Excluding Salary</b>, for <b>Infrastructure Development</b> and <b>Augmentation</b> year wise during the last five years.</p> <p>4.1.2.1: Expenditure for <b>Infrastructure Development</b> and <b>Augmentation</b> Excluding Salary year wise during the last five years. (INR in lakhs)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Year</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">INR in Lakhs</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p><b>Upload the Specific Document</b> as per Description given below</p> <ul style="list-style-type: none"> <li>• <b>Institutional Data</b> in the Prescribed Format. (Data Template)</li> <li>• <b>Audited Income</b> and <b>Expenditure Statement</b> of the institution to be <b>Signed</b> by <b>CA</b> and Counter signed by the competent authority.</li> </ul> <div style="border: 2px solid black; border-radius: 15px; padding: 10px; text-align: center; margin: 10px 0;"> <p><b>Relevant Expenditure claimed for Infrastructure Augmentation should be Clearly Highlighted</b></p> </div> <p><b>Apart from the above:</b></p> <ul style="list-style-type: none"> <li>• <b>Provide Links</b> for any other Relevant Document to Support the Claim. (if any)</li> </ul>	Year						INR in Lakhs						<p><b>10</b></p>
Year														
INR in Lakhs														

## Data Template : 4.1.2

Year	Tata Expenditure Excluding Salary	Expenditure on Infrastructure Augmentation	Expenditure on Maintenance of Physical Facilities	Expenditure for Purchase of Books/ E-Books and Subscription to Journals/ e-Journal

## Benchmark : 4.1.2

Metric	Description	4	3	2	1	0
4.1.2 Q <sub>n</sub> M	Percentage of <b>Expenditure Excluding salary</b> for <b>Infrastructure Development</b> and <b>Augmentation</b> during the last five years (INR in Lakhs) (10)	>=40	30 - 40	20 - 30	10 - 20	< 10
	4.1.2.1: <b>Expenditure</b> for <b>Infrastructure Augmentation</b> Excluding Salary, during the last five years (INR in lakhs)					

# Standard Operating Procedure (SOP) : 4.1.2

SOP Published on :14/12/2022 by NAAC

SN	Metric	Documents Needed	Specific instruction to HEI	Avoid the following while uploading data
1.	<p><b>4.1.2</b></p> <p><b>Percentage of Expenditure Excluding Salary, for Infrastructure Development and Augmentation</b></p> <p>during the last five years (INR in Lakhs)</p>	<ul style="list-style-type: none"> <li>• Institutional Data in the Prescribed format (Data Template)</li> <li>• <b>Audited Income and Expenditure Statement</b> of the Institution to be <b>Signed by CA</b> and Counter Signed by the Competent Authority</li> </ul>	<ul style="list-style-type: none"> <li>• This Metric is supposed to be looked at with the Perspective of Infrastructure Augmentation only</li> <li>• In case of Privately funded <b>HEI</b> the document should be <b>Certified by Chartered Accountant.</b></li> <li>• <b>Focus</b> of this <b>Metric</b> is on to <b>Acquiring</b> new <b>Infrastructure.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Avoid Recurring Expenditure on Laboratory, maintenance of infrastructure and acquisition of books and journals under this metric.</li> </ul>

**Relevant Expenditure Claimed for Infrastructure Augmentation should be clearly Highlighted**

## Key Indicator: 4.2

### Library as a Learning Resource : 20

Metrics	Metrics Description	Weightage
<p>4.2.1 QIM</p>	<p><b>Library</b> is Automated with <b>Digital</b> Facilities using <b>Integrated Library Management System (ILMS)</b> , adequate subscription to <b>E-Resources</b> and <b>Journals</b> are made. The Library is <b>Optimally Used</b> by the Faculty and Students.</p> <p>Write description in a Maximum of <b>500 Words</b>.</p> <p><b>File Description :</b></p> <ul style="list-style-type: none"> <li>• <b>Upload</b> any Additional Information.</li> <li>• <b>Provide</b> the Paste <b>Link</b> for Additional Information.</li> <li>• Provide the Relevant Information in institutional <b>Website</b> as part of <b>Public Disclosure</b>.</li> </ul>	<p><b>15</b></p>

## Key Indicator: 4.2

# Library as a Learning Resource : 20

Metrics	Metrics Description	Weightage												
4.2.2 QnM	<p><b>Percentage Expenditure</b> for Purchase of Books/ E-books and <b>Subscription</b> to <b>Journals/ E- journals</b> year wise during the last five year.</p> <p><b>4.2.2.1: Annual Expenditure</b> for Purchase of <b>Books</b> and <b>Journals</b> year-wise during the last five years. (INR in Lakhs)</p> <p><b>Formula:</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <math display="block">\frac{\text{Total Expenditure for Purchase of books, e-books and Subscriptions}}{3.1 \text{ Total Expenditure Excluding Salary}} \times 100</math> </div> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">Year</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 5px;">INR in lakhs</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p><b>Upload the Specific Document as per Description given below:</b></p> <ul style="list-style-type: none"> <li>• <b>Institutional Data</b> in the Prescribed Format (data template merged with 4.1.2)</li> <li>• <b>Audited Income</b> and Expenditure Statement of the institution to be signed by <b>CA</b> and <b>Counter Signed</b> by the <b>Competent Authority</b> (Relevant Expenditure claimed for purchase of books/ e-books and subscription to journals/e-journals should be clearly highlighted)</li> </ul> <p><b>Apart from the above:</b></p> <ul style="list-style-type: none"> <li>• <b>Provide Links</b> for any other Relevant Document to support the claim. (if any)</li> </ul>	Year						INR in lakhs						5
Year														
INR in lakhs														

## Data Template : 4.2.2

Year	Tata Expenditure Excluding Salary	Expenditure on Infrastructure Augmentation	Expenditure on Maintenance of physical facilities	Expenditure for purchase of books/ e-books and Subscription to journals/ e- journal

## Benchmark : 4.2.2

Metric	Description	4	3	2	1	0
4.2.2 Q <sub>n</sub> M	<p style="color: purple;">Percentage expenditure for purchase of books/ e-books and <span style="color: red;">subscription to Journals/ E-journals</span></p> <p>during the last five years (INR in Lakhs) (5)</p>	>=10	8-10	6-8	2-6	<2

# Standard Operating Procedure (SOP) : 4.2.2

SOP Published on :14/12/2022 by NAAC

SN	Metric	Documents Needed	Specific instruction to HEI	Avoid the following while uploading data
1.	<b>4.2.2 Percentage Expenditure for Purchase of Books/ e- Books and Subscription to Journals/ E-Journals</b> during the last five years (INR in Lakhs)	<ul style="list-style-type: none"><li>• <b>Audited Income</b> and <b>Expenditure Statement</b> of the Institution to be signed by <b>CA</b> and Counter Signed by the <b>Competent Authority</b>.</li></ul> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; background-color: #e0ffe0;"><p><b>Relevant Expenditure</b> Claimed for Purchase of Books/ E-books and Subscription to Journals/ E-journals should be clearly <b>Highlighted</b></p></div>		

Key Indicator – 4.3  
**IT Infrastructure : 30**

Metrics	Metrics Description	Weightage
<p>4.3.1 QIM</p>	<p><b>Institution Frequently</b> updates its <b>IT</b> Facilities and Provides Sufficient <b>Bandwidth</b> for <b>Internet Connection</b>.</p> <p>Describe <b>IT</b> Facilities including <b>Wi-Fi</b> with Date and Nature of Updation, <b>Available Internet Bandwidth</b> within a maximum of <b>500</b> Words.</p> <p><b>File Description:</b></p> <ul style="list-style-type: none"> <li>• <b>Upload</b> any Additional Information.</li> <li>• <b>Provide</b> the <b>Link</b> for Additional Information.</li> </ul>	<p style="text-align: center;"><b>15</b></p>

## Key Indicator – 4.3

# IT Infrastructure : 30

Metrics	Metrics Description	Weightage
4.3.2 QnM	<p style="color: red; font-weight: bold; text-align: right;">Student - Computer Ratio <span style="border: 1px solid blue; display: inline-block; width: 40px; height: 15px; vertical-align: middle;"></span></p> <p>(Data for the Latest Completed Academic Year)</p> <p style="color: purple; font-weight: bold;">4.3.2.1: Number of Computers available for Student Use. Auto Generated from the Extended Profile</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p style="color: red; font-weight: bold;">Formula: Number of Students : Number of Computers</p> </div> <p><b>Upload</b> the Specific Document as per Description Given Below: (No Template)</p> <ul style="list-style-type: none"> <li>• <b>Stock Register/ Extract</b> Highlighting the <b>Computer Issued</b> to Respective Departments for <b>Student's Usage</b>.</li> <li>• Purchased <b>Bills/ Copies</b> Highlighted.</li> </ul> <p><b>Apart from the above:</b></p> <ul style="list-style-type: none"> <li>• <b>Provide Links</b> for any other Relevant Document to Support the Claim. (if any)</li> </ul>	10

## Standard Operating Procedure (SOP) : 4.3.2

SOP Published on :14/12/2022 by NAAC

SN.	Metric	Documents Needed	Specific instruction to HEI	Avoid the following while uploading data
1	<p>4.3.2</p> <p><b>Student - Computer Ratio</b></p> <p>(Data to be Provided only for the latest Completed Academic year)</p>	<ul style="list-style-type: none"> <li>• <b>Stock Register/</b> Extracts Highlighting the <b>Computers Issued</b> to respective Departments for <b>Student's Usage.</b></li> <li>• Purchased <b>Bills/ Copies</b> Highlighted.</li> </ul>	 <p>The <b>Data Pertaining</b> to the Latest Completed Academic Year.</p>	<ul style="list-style-type: none"> <li>• The computers for office and faculty use will not be considered.</li> <li>• Computers purchased after the latest completed academic year not to be considered.</li> </ul>

## Key Indicator – 4.3

### IT Infrastructure : 30

Metrics	Metrics Description	Weightage
4.3.3 QnM	<p><b>Institution</b> has the following <b>Facilities</b> for <b>E-content Development</b> and <b>Order Resource Development</b>.</p> <ol style="list-style-type: none"><li><b>1. Audio Visual Center, Mixing Equipment, Editing Facilities and Media Studio.</b></li><li><b>2. Lecture Capturing System. (LCS)</b></li><li><b>3. Central Instrumentation Centre.</b></li><li><b>4. Animal House</b></li><li><b>5. Museum</b></li><li><b>6. Business Lab</b></li><li><b>7. Research/ Statistical database</b></li><li><b>8. Moot court</b></li><li><b>9. Theatre</b></li><li><b>10. Art Gallery</b></li><li><b>11. Any other facility to support research.</b></li></ol>	<b>5</b>

## Key Indicator – 4.3

# IT Infrastructure : 30

Metrics	Metrics Description	Weightage
4.3.3 QnM	<p><b>Upload</b> the Specific Document as per description given below:</p> <ul style="list-style-type: none"> <li>• <b>Institutional Data</b> in the prescribed format (data template)</li> <li>• Purchase <b>Bill/ Stock Register</b>, Entry for Lecture Capturing System, Mixing Equipment, Software for Editing.</li> <li>• <b>Videos</b> and <b>Geo-Tagged Photographs</b> of Each of the Facilities available in the <b>HEL</b>. Details of the structures of each of the facilities available in the HEI.</li> <li>• Copy of the <b>Subscription Letter</b> for database is Essential for Option Research/ Statistical Database.</li> <li>• <b>Provide</b> the <b>Relevant Information</b> in Institutional <b>Website</b> as part of public disclosure.</li> </ul> <p><b>Apart from the above:</b></p> <ul style="list-style-type: none"> <li>• <b>Provide Links</b> for any other Relevant Document to Support the Claim. (if any)</li> </ul>	<b>5</b>

## Benchmark

Metric	Description	4	3	2	1	0
4.3.3 QnM	<p>Institution has the following Facilities for <b>e-Content &amp; Other Resource Development (5)</b></p> <ol style="list-style-type: none"> <li style="width: 50%;">1. <b>Audio visual center, mixing equipment, editing facilities center and Media Studio</b></li> <li style="width: 50%;">2. <b>Lecture Capturing System(LCS)</b></li> <li style="width: 50%;">3. <b>Theatre</b></li> <li style="width: 50%;">4. <b>Central Instrumentation Centre</b></li> <li style="width: 50%;">5. <b>Animal House</b></li> <li style="width: 50%;">6. <b>Museum</b></li> <li style="width: 50%;">7. <b>Business Lab</b></li> <li style="width: 50%;">8. <b>Research/statistical database</b></li> <li style="width: 50%;">9. <b>Moot court</b></li> </ol>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>

## **Data Template of 4.3.3**

1.	<b>Audio Visual Center, Mixing Equipment, Editing Facilities Center and Media Studio.</b>	<b>Yes/ No</b>
2.	<b>Lecture Capturing System. (LCM)</b>	<b>Yes/ No</b>
3.	<b>Central Instrumentation Centre</b>	<b>Yes/ No</b>
4.	<b>Animal House</b>	<b>Yes/ No</b>
5.	<b>Museum</b>	<b>Yes/ No</b>
6.	<b>Business Lab</b>	<b>Yes/ No</b>
7.	<b>Research/ Statistical Database</b>	<b>Yes/ No</b>
8.	<b>Moot Court</b>	<b>Yes/ No</b>
9.	<b>Theatre</b>	<b>Yes/ No</b>
10 .	<b>Art Gallery</b>	<b>Yes/ No</b>
11 .	<b>Any Other Faculty to Support Research</b>	<b>Yes/ No</b>

# Standard Operating Procedure (SOP) : 4.3.3

SOP Published on :14/12/2022 by NAAC

SN	Metric	Documents Needed	Specific instruction to HEI	Avoid the following while uploading data
1.	<p><b>4.3.3</b> Institution has the following Facilities for <b>E-Content development</b></p> <ol style="list-style-type: none"> <li>1. <b>Audio Visual Center, Mixing Equipment, Editing Facilities Center and Media Studio</b></li> <li>2. <b>Lecture Capturing System (LCS)</b></li> <li>3. <b>Central Instrumentation Centre (CIC)</b></li> <li>4. <b>Animal House</b></li> <li>5. <b>Museum</b></li> <li>6. <b>Business Lab</b></li> <li>7. <b>Research/Statistical Databases</b></li> <li>8. <b>Moot court</b></li> <li>9. <b>Theatre</b></li> <li>10. <b>Art Gallery</b></li> </ol> <p>Any other facility to support research</p>	<ul style="list-style-type: none"> <li>• <b>Purchase Bill / Stock Register, Entry for Lecture Capturing System</b>, Mixing Equipment, Software for Editing.</li> <li>• <b>Videos and Geo-Tagged photographs</b> of each of the facilities available in the HEI. Details of the structures of each of the facilities available in the HEI.</li> <li>• Copy of the <b>Subscription Letter for Database</b> is essential for Option 10 (<b>Research/Statistical Databases</b>)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>List of e-Content</b> developed by the HEI. For large data ,</li> </ul> <p>DVV will seek a sample link to the <b>e- Content</b> from the list provided by the HEI.</p>	<p style="text-align: center;"><b>Mere Claiming of Facility without Sufficient Supporting Documents will not be Considered</b></p>

## Key Indicator : 4.4

# Maintenance of Campus Infrastructure : 20

Metrics	Metrics Description	Weightage												
4.4.1 QnM	<p><b>Percentage Expenditure Incurred</b> on <b>Maintenance</b> of <b>Physical Facilities</b> and <b>Academic Support Facilities Excluding Salary Component</b> during the last five year.</p> <p><b>4.4.1.1 :</b> Expenditure Incurred on Maintenance of Physical Facilities and Academic Support Facilities Excluding Salary Component year-wise during the last five years (INR in Lakhs)</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #ffffcc;"> <th style="width: 15%;">Year</th> <th style="width: 15%;"></th> </tr> </thead> <tbody> <tr style="background-color: #ffffcc;"> <th>INR in Lakhs</th> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Data to be provided for the last five years: (As per Data Template)</p> <ul style="list-style-type: none"> <li>• <b>Non - Salary Expenditure Incurred</b></li> <li>• <b>Expenditure Incurred</b> on Maintenance of <b>Campus Infrastructure</b>.</li> </ul> <div style="border: 1px solid black; padding: 10px; margin-top: 10px; background-color: #e0f0ff;"> <p><b>Formula:</b></p> <math display="block">\frac{\text{Percentage: Total Expenditure on Maintenance of Physical \&amp; Academic Support Facilities Excluding Salary Component}}{3.1 \text{ Total Expenditure Excluding Salary Component}} \times 100</math> </div>	Year						INR in Lakhs						<b>10</b>
Year														
INR in Lakhs														

## Key Indicator : 4.4

# Maintenance of Campus Infrastructure : 20

Metrics	Metrics Description	Weightage
<p style="color: red; font-weight: bold;">4.4.1 QnM</p>	<p><b>Upload the Specific Document as per Description given below:</b></p> <ul style="list-style-type: none"> <li>• <b>Institutional Data</b> in the Prescribed Format (Data Template).</li> <li>• <b>Audited Income</b> and <b>Expenditure Statement</b> of the institution to be <b>Signed</b> by <b>CA</b> and Counter Signed by the Competent Authority (Relevant Expenditure claimed for maintenance of infrastructure should be clearly highlighted)</li> </ul> <p><b>Apart from the above:</b>  <b>Provide Links</b> for any other relevant document to support the claim. (if any)</p>	<p><b>10</b></p>

## Benchmark : 4.4.1

Metric	Description	4	3	2	1	0
<p>4.4.1 QnM</p>	<p>Percentage Expenditure Incurred on <b>Maintenance of Physical Facilities</b> and <b>Academic Support Facilities</b> Excluding Salary Component during the last five years <b>(10)</b></p>	<p><b>&gt;= 30</b></p>	<p><b>20-30</b></p>	<p><b>10-20</b></p>	<p><b>5-10</b></p>	<p><b>&lt;5</b></p>

## Data Template : 4.4.1

Year	Tata Expenditure Excluding Salary	Expenditure on Infrastructure Augmentation	Expenditure on Maintenance of Physical Facilities	Expenditure for purchase of Books/ E- Books and Subscription to journals/ E- journal

## Standard Operating Procedure (SOP) : 4.4.1

SOP Published on :14/12/2022 by NAAC

SN	Metric	Documents Needed	Specific instruction to HEI	Avoid the following while uploading data
1.	<b>4.4.1</b> <b>Percentage</b> Expenditure Incurred on <b>Maintenance of Physical Facilities</b> and <b>Academic Support Facilities</b> Excluding.	<ul style="list-style-type: none"> <li><b>Audited Income</b> and <b>Expenditure Statement</b> of the institution to be <b>Signed</b> by <b>CA</b> and <b>Counter</b> signed by the <b>Competent Authority</b>.</li> </ul> <div style="border: 1px solid green; border-radius: 15px; padding: 5px; text-align: center; margin-top: 10px;"> <p><b>Relevant Expenditure</b> Claimed for <b>Maintenance</b> of <b>Infrastructure</b> should be clearly <b>Highlighted</b></p> </div>	<ul style="list-style-type: none"> <li>Focus of this metric is only on the maintenance of physical and academic support facilities.</li> </ul>	<div style="border: 1px solid green; border-radius: 50%; padding: 20px; width: fit-content; margin: 0 auto;"> <p><b>Mere Statement</b> of last five years data on the Metric <b>without Audited Statement</b> will not be <b>Considered</b>.</p> </div>

## Key Indicator : 4.4

# Maintenance of Campus Infrastructure : 20

Metrics	Metrics Description	Weightage
4.4.2 QIM	<p>There are <b>Established Systems</b> and <b>Procedures</b> for <b>Maintaining</b> and <b>Utilizing</b> :</p> <div style="text-align: center; border: 1px solid black; border-radius: 50%; padding: 20px; margin: 20px auto; width: 80%;"> <p><b>Physical, Academic and Support Facilities, Laboratories, Library, Sports Complex, Computers, Classrooms</b> etc.</p> </div> <p><b>Describe Policy Details :</b> of <b>Systems</b> and <b>Procedures</b> for <b>Maintaining and Utilizing Physical, Academic and Support Facilities</b> Within <b>500 Words</b>.</p> <p><b>File Description:</b></p> <ul style="list-style-type: none"> <li>• <b>Upload</b> any Additional Information.</li> <li>• <b>Provide</b> the <b>Link</b> for Additional Information.</li> </ul>	<b>10</b>

## Summary of Criteria 4

### Infrastructure and Learning Resources :100

S.N.	Metrics	Topic	Marks
<b>Key Indicator- 4.1, Physical Facilities, Marks: 30</b>			
1	4.1.1 QIM	The <b>Institution</b> has <b>Adequate Infrastructure Facilities</b> .	<b>20</b>
2	4.1.2 QIM	Percentage of <b>Expenditure Excluding Salary</b> , for <b>Infrastructure Development</b> and <b>Augmentation</b> year wise during the last five years	<b>10</b>
<b>Key Indicator- 4.2, Library as a Learning Resource, Marks : 20</b>			
1	4.2.1 QIM	<b>Library</b> is Automated with <b>Digital</b> Facilities using <b>Integrated Library Management System (ILMS)</b> , adequate subscription to <b>E-Resources</b> and <b>Journals</b> are made. The Library is <b>Optimally Used</b> by the Faculty and Students.	<b>15</b>
2	4.2.2 QnM	<b>Percentage Expenditure</b> for Purchase of Books/ E-books and <b>Subscription</b> to <b>Journals/ E- journals</b> year wise during the last five year.	<b>5</b>

## Summary of Criteria 4

### Infrastructure and Learning Resources :100

Key Indicator – 4.3, IT Infrastructure , Marks : 30			
1	4.3.1 QnM	<b>Institution Frequently</b> updates its <b>IT</b> Facilities and Provides Sufficient <b>Bandwidth</b> for <b>Internet Connection</b> .	<b>15</b>
2	4.3.2 QIM	<b>Student - Computer Ratio</b> (Data to be provided only for the latest completed academic year)	<b>10</b>
3	4.3.3 QnM	<b>Institution</b> has the following <b>Facilities</b> for <b>E-content Development</b> and <b>Order Resource Development</b> .	<b>5</b>
Key Indicator – 4.4, Maintenance of Campus Infrastructure (20)			
1	4.4.1 QnM	<b>Percentage Expenditure Incurred</b> on <b>Maintenance</b> of <b>Physical Facilities</b> and <b>Academic Support Facilities</b> <b>Excluding Salary Component</b> during the last five year.	<b>10</b>
2	4.4.2 QIM	There are <b>Established Systems</b> and <b>Procedures</b> for <b>Maintaining</b> and Utilizing <b>Physical, Academic and Support Facilities, Laboratories, Library, Sports Complex, Computers, Classrooms</b> etc.	<b>10</b>