



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

##### 1. Name of the Institution

**BNM INSTITUTE OF TECHNOLOGY**

- Name of the Head of the institution **Dr. Krishnamurthy G N**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **08026711780**
- Alternate phone No. **08026711781**
- Mobile No. (Principal) **8105869067**
- Registered e-mail ID (Principal) **bnmitprincipal@gmail.com**
- Address **Post box No. 7087, 27th Cross,  
12th Main, Banashankari 2nd  
Stage,**
- City/Town **Bengaluru**
- State/UT **Karnataka**
- Pin Code **560070**

##### 2. Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **12/05/2021**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. Chaitra N**
- Phone No. **08026711782**
- Mobile No: **9480338591**
- IQAC e-mail ID **iqac@bnmit.ac.in**

**3. Website address (Web link of the AQAR (Previous Academic Year))** <https://www.bnmit.org/internal-quality-assurance-cell-iqac/>

**4. Was the Academic Calendar prepared for that year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: [https://www.bnmit.org/wp-content/uploads/2022/06/Even-Sem-2-8th-Sem\\_Calendar-April-October-2021-22-1.pdf](https://www.bnmit.org/wp-content/uploads/2022/06/Even-Sem-2-8th-Sem_Calendar-April-October-2021-22-1.pdf)

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.10</b>	<b>2017</b>	<b>30/10/2017</b>	<b>31/12/2026</b>

**6. Date of Establishment of IQAC** **28/02/2017**

**7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>Nil</b>	<b>0</b>

**8. Provide details regarding the composition of the IQAC:**

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

**9. No. of IQAC meetings held during the year** **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

**10. Did IQAC receive funding from any funding agency to support its activities during the year?** **No**

- If yes, mention the amount

**11. Significant contributions made by IQAC during the current year (maximum five bullets)**

**IQAC thoroughly go through academic matters including lesson plans, course delivery, audit reports of accreditation bodies and also internal audit reports, process of conduction of tests and examinations, announcements of results, result analysis and also other activities such as workshops, conferences, FDPs and Skill development programs, placements etc and after deliberations in the meetings as suggested to implement/made the institution to implement the following.**

- **Inclusion of AI and ML courses to all the branches of engineering as it is the cutting-edge technology – Courses have been introduced in the area of AI and ML, like Introduction to AI, AI & ML, Python programming, Java/C++ Programming, IoT, ANN, Image processing, ML applications**
- **Skill Development Programmes (SDP) were conducted for the sixth semester students from all the branches.**
- **MoUs have been signed with industries and steps have been taken towards implementation of Centre of Excellence.**
- **Courses have been included in the autonomous scheme which emphasizes on mathematical modelling, designing and theoretical concepts.**
- **Experts from industry to teach some of the core courses – All the departments have adjunct faculties either from industry or from reputed institutions, teaching the core subjects**

**12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:**

Plan of Action	Achievements/Outcomes
<ul style="list-style-type: none"> <li>• Take necessary steps to bring-in complete transparency to the examination system.</li> <li>• Include AI&amp;ML related subjects of trend into non IT branches.</li> <li>• Give more emphasis on imparting practical knowledge.</li> </ul>	<ul style="list-style-type: none"> <li>• Paperless examination and digital evaluation was introduced from 2020-21 autonomous batch.</li> <li>• AI&amp;ML related subjects of trend are introduced into Non-IT branches.</li> <li>• Practical component has been increased from 20% to 40%</li> </ul>

**13. Was the AQAR placed before the statutory body?** **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
<p style="text-align: center;">Committee comprising of Chairman of the governing body and Director, Additional Director, Dean, Principal and NAAC Coordinator</p>	<p style="text-align: center;">10/12/2022</p>

**14. Was the institutional data submitted to AISHE ?** **Yes**

- Year

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>BNM INSTITUTE OF TECHNOLOGY</b>
• Name of the Head of the institution	<b>Dr. Krishnamurthy G N</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>08026711780</b>
• Alternate phone No.	<b>08026711781</b>
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• City/Town	<b>Bengaluru</b>
• State/UT	<b>Karnataka</b>
• Pin Code	<b>560070</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>12/05/2021</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>
• Financial Status	<b>Self-financing</b>
• Name of the IQAC Co-ordinator/Director	<b>Dr. Chaitra N</b>

• Phone No.	08026711782				
• Mobile No:	9480338591				
• IQAC e-mail ID	iqac@bnmit.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.bnmit.org/internal-quality-assurance-cell-iqac/">https://www.bnmit.org/internal-quality-assurance-cell-iqac/</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.bnmit.org/wp-content/uploads/2022/06/Even-Sem-2-8th-Sem_Calendar-April_-October-2021-22-1.pdf">https://www.bnmit.org/wp-content/uploads/2022/06/Even-Sem-2-8th-Sem_Calendar-April_-October-2021-22-1.pdf</a>				
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<b>6.Date of Establishment of IQAC</b>			28/02/2017		
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Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
NA	NA	NA	Nil	0	
<b>8.Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>	2				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes				

<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
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<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<p>IQAC thoroughly go through academic matters including lesson plans, course delivery, audit reports of accreditation bodies and also internal audit reports, process of conduction of tests and examinations, announcements of results, result analysis and also other activities such as workshops, conferences, FDPs and Skill development programs, placements etc and after deliberations in the meetings as suggested to implement/made the institution to implement the following.</p> <ul style="list-style-type: none"> <li>• Inclusion of AI and ML courses to all the branches of engineering as it is the cutting-edge technology – Courses have been introduced in the area of AI and ML, like Introduction to AI, AI &amp; ML, Python programming, Java/C++ Programming, IoT, ANN, Image processing, ML applications</li> <li>• Skill Development Programmes (SDP) were conducted for the sixth semester students from all the branches.</li> <li>• MoUs have been signed with industries and steps have been taken towards implementation of Centre of Excellence.</li> <li>• Courses have been included in the autonomous scheme which emphasizes on mathematical modelling, designing and theoretical concepts.</li> <li>• Experts from industry to teach some of the core courses – All the departments have adjunct faculties either from industry or from reputed institutions, teaching the core subjects</li> </ul>	
<b>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>	

Plan of Action	Achievements/Outcomes
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<b>13.Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name of the statutory body	Date of meeting(s)
Committee comprising of Chairman of the governing body and Director, Additional Director, Dean, Principal and NAAC Coordinator	10/12/2022
<b>14.Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
2020-21	18/02/2022
<b>15.Multidisciplinary / interdisciplinary</b>	
<p>Flexible curricular structure through 'curricular revisions' to enable creative combinations of subjects removing the boundaries between the departments leading to multidisciplinary / interdisciplinary approach at both UG and PG levels.</p> <p>Courses that integrate the arts, humanities, and STEM fields are mainly associated with increased student motivation and engagement. Music Production (21LACA116-1) Potential</p>	



interrelationships of music and science & Technology is introduced in Music Production course in 1st year with Synthesizer, sampling and sound engineering covering Oscillators, filters, EQ, compressor, reverbs, Mixing and mastering (combination of music and Computer science).

Environmental Science (2EVS116/126) course in 1st year combines the science and humanities by Environmental policies, Protection & Laws studies with Environment & natural resources (combination of Science and Humanities).

Fine art subject (21LACA116-4) with topics such as Sculpture & Carving related to arts are studied in the light of Material science and material properties from engineering background. (combination of Arts and Engineering)

Photography course (21LACA116-5) is studied in association with computer concepts like Digital method of storing and processing digital image. Representation of digital image, Resolution - Pixel Depth- Pixel Aspect Ratio - Dynamic Colour Range - File Size- Colour Models - Image Compression (combination of Arts and Engineering).

Institute offers value based education like Scientific Foundation of Health and Yoga course (22SFH117/127) which helps to adopt positive methods to avoid risks from harmful habits within and outside the campus, acquire Good Health and its balance for positive mind-set.

Environmental Science (22EVS116/126) helps to build overall impact of specific issues and develop environmental management Plan, demonstrate socio-economic skills for sustainable development. Students are motivated to take up projects (About 15 Credits) of social relevance and beneficial to society and environment.

The multiple entry and exit options for students will be facilitated at the undergraduate and Master's levels through the facility created by the ABC scheme in the "Academic Bank Account" and consolidate the credits earned by them by undergoing courses in any of the eligible HEIs. Some of higher semester courses are offered through the online learning courses offered by the SWAYAM platform. Institute will make a policy for approval of

SWAYAM Courses for the benefit of the students and any online platform as approved by the UGC/regulatory body.

Students are motivated to take up projects (About 15 Credits) of social relevance and beneficial to society and environment. Apart from this, Students & Faculty are encouraged to take up multidisciplinary real-world problems (Flag ship projects) to carry out their project/research works.

The following 2 multidisciplinary Flagship projects have been initiated

- Design and development of Autonomous Vehicles
- Design and development of Pico satellites

Students are permitted to do their projects by having teams from different branches leading to solutions to Problems which demands expertise from different disciplines.

Minor degrees will be offered to the students to improve the scope of 'multidisciplinary /interdisciplinary approach.

#### 16.Academic bank of credits (ABC):

BNMIT has registered for ABC (Academic Bank of Credits), under the Ministry of Education, and we are in the process of uploading the students' grade cards with Credit details to ABC through NAD (National Academic Depository).

Yes, BNMIT has registered for ABC (Academic Bank of Credits), under the Ministry of Education, and we are in the process of uploading the students' grade cards with Credit details to ABC through NAD (National Academic Depository). This will enable the students to avail the benefit of multiple entries and exit during the chosen programme.

We have signed MOUs with many foreign Universities and Industries for seamless collaboration, internationalization of education and employment. We are working towards offering joint degrees between Indian and foreign institutions, and to enable credit transfer.

The Institute's Teaching learning Centre is created with the objective to facilitate the much-needed change in the teaching-learning related activities and for improving the quality of education, through which Induction and FDPs are conducted regularly to enable them develop the curriculum and assessment methods.

BNMIT has registered for ABC (Academic Bank of Credits), under the

Ministry of Education, and we are in the process of uploading the students' grade cards with Credit details to ABC through NAD (National Academic Depository) right from the first batch of Autonomy.

### 17.Skill development:

Institute has MOU with upGrad Campus. It is an online higher education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty and industry.

upGrad Campus focuses on getting college students job ready by bridging the gap between the college curriculum and the industry requirements. We have also signed an MOU with Samsung India Pvt Ltd. Under the scheme PRISM (Preparing and Inspiring Student Minds)

T5, TW5, Nature club, Yoga, NSS, NCC are part of BNMIT- cubs with objectives of imparting communication skill, leadership skill, fun, ethical, community engagement and scientific temper, Innovation, Critical thinking, scientific temper, curiosity through IEEE, Robotics Club, IOT Club etc.

Every student must undergo a two-week Skill Development Program on recent trends and technologies during the vacations of the 4th and 5th semesters.

For the above programs, we engage the services of veterans from industries.

All these vocational skill development programs are offered in online /offline and blended modes.

Students are encouraged to convert their innovative ideas into prototypes/products through funding from DST/Institution.

### 18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

To link Indian art and culture into teaching learning process which will enhance the learning process is achieved by introducing the courses like Music Production, Dance production, Creative art, Liberal arts courses in first year. The linkages between education and

Culture will be carried out through various activates like

cultural club, Nature club, NCC, NSS.

Faculty are trained to teach in the class room in both formal way and through various activates which ensures proper learning outcome. A detailed lesson plan is made indicates the delivery of each class by demarking the activity and method of teaching each topic. The delivery of the content will be carried out in vernacular language on need basis by the faculty.

The institution is working on the implementation of teaching degree courses in Indian languages.

Kalahagarathi The college cultural team ensures that all the music and dance lovers are encourages and trained by professionals in classical, folk, and contemporary music, dance and drama.

Institute up holds the Indian tradition and culture in all its activates by observing in well planned way.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

The institute at present has all its 3rd and 4th year under affiliated system in VTU which follows the CBCS scheme. Also the Autonomous batch of 1st and 2nd year curriculum has been framed in such a way that it has Professional core, Professional Integrated and Project bases Learning courses in each semester along with Humanities, social sciences and Ability enhancement course. Also with well-defined assessment methods containing regular assessment, Alternative assessment methods, Projects, Internships and MOOCs for each programs provides clear evaluation of graduate attributes as per NBA. Through these course the Course outcomes, Program outcomes, program specific outcomes can be assessed at blooms levels and well established process is framed to calculate the attainments.

The Continuous Internal assessment and Semester end Assessments are evaluated based on the Course Out come and mapping of Program outcome for each questions. This is followed for all the courses. The direct attainment and Indirect attainments are calculated for each course/ Activities by defining CO and Mapping it to PO. The final Attainment of the Program is evaluated as per NBA guidelines.

All eligible UG programs of the Institute have been accredited by NBA from 1st July 2018 till 30th of June 2026 and Institute

follows OBE frame work for all the programs including non-accredited programs..

## 20.Distance education/online education:

We are exploring the possibilities of offering Vocational courses through ODL.

The institute provides E-contents to students through dedicated LMS like Master soft, Contineo (College Management System). The student can access anytime, anywhere the materials stream wise, class wise, subject wise, syllabus, digital books, video lectures, MCQ sets, free online periodicals /magazine links, online courses links, etc.

Video Lectures of all the courses are developed by the faculty and students can access the contents for any number of times for understanding, Revision etc.

Three Studios are set up exclusively to develop E content of the course and dedicated V Rook platform is being used to deliver it to students in effective way.

## Extended Profile

### 1.Programme

1.1 9

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2.Student

2.1 2254

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 582

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3

**2194**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

**3.Academic**

3.1

**370**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2

**143**

Number of full-time teachers during the year:

## Extended Profile

### 1. Programme

1.1	<b>9</b>
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1	<b>2254</b>
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2	<b>582</b>
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3	<b>2194</b>
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3. Academic

3.1	<b>370</b>
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	<b>143</b>
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.3	<b>143</b>
Number of sanctioned posts for the year:	

#### 4. Institution

4.1	<b>121</b>
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	<b>56</b>
Total number of Classrooms and Seminar halls	

4.3	<b>947</b>
Total number of computers on campus for academic purposes	

4.4	<b>1173.41</b>
Total expenditure, excluding salary, during the year (INR in Lakhs):	

### Part B

#### CURRICULAR ASPECTS

##### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

**The Institute after becoming Autonomous has developed outcome-based curricula for all its programmes offered by it through the departments for undergraduate and post graduate as per the Vision, Mission, Program Outcomes (POs).**

**The entire Process of formulation of curricula goes through the process of scrutiny by the relevant bodies viz., Department**



syllabus committee/BOS/IQAC/ Academic Council. The outcomes and suggestions of each committee have been concisely incorporated in the curriculum. These are displayed in the Institute website for visibility to various stakeholders. The Institution has implemented the Choice Based Credit System (CBCS) to help students be more employable.

Wide variety of open elective courses across programs are offered aimed towards holistic developments of students as well as for personal and professional enhancement. Courses relevant to Entrepreneurship, Sustainability, Environment, Cyber security, Project management, foreign as well as local languages, Applied mathematical, analytical or computational techniques, Electric Vehicles, to mention a few are available for overall and professional development of the students.

Depending on the nature of the academic programmes, projects, fieldwork, and internships are introduced into the curriculum to familiarize students with research tools and procedures, societal issues, and real-world working scenarios to cover local, national, regional and global developmental needs.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/1.1.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/1.1.1.pdf</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

9

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

22

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

22

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

9

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

**The BNMIT aims to inculcate in its students a sense of human and**

social values, ethics, awareness of environmental preservation, sustainable development, and crisis management through various programs like T5, TW5, Orientation program programmes are intended to help students develop their complete personality.

The nature club allows students to break free from their everyday routines and experience life in the simplicity and beauty of mother Earth. The Earth Mother festival, SRISHTI SAMBHRAMA, is celebrated at BNM Institute of Technology to bring awareness about the need for conservation of natural resources and also to recognize people in such activities. Significant sections of the syllabi of different courses cover these issues rigorously. Compulsory course of Environment has been introduced for all UG programmes.

The NSS wing and Nature club of the institution is actively involved in promoting awareness among students by conducting tree plantation, cleanliness drive, organizing village upliftment camps and serve the society.

Scientific Foundation of Health & Yoga is made as part of first year curriculum to develop the Physical and mental fitness of the students for overall development. Innovation and Design thinking course introduced to inculcate professional ethics among the students by making awareness of Intellectual Property Rights.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

10

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.3.3 - Number of students enrolled in the courses under 1.3.2 above****623**

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.3.4 - Number of students undertaking field work/projects/ internships / student projects****976**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni**

**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/1.4.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/1.4.1.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 1.4.2 - The feedback system of the Institution comprises the following

**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/1.4.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/1.4.2.pdf</a>
Any additional information	<a href="#">View File</a>

### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

##### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

**2254**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

##### 2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

**130**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The college assesses the learning levels of students, reviews tracks and analyses the outcome of Students' engagement with teachers. Internal evaluations, and university exams are used to gauge their degree of learning. The faculty also maintain regular meetings for Comprehensive Internal Evaluation to monitor student development.

College arranges remedial classes for weak students. Slow learners who are not able to manage with the teaching in regular classes are assisted through clarification of their doubts, revising important concepts and extra assignments to strengthen their learning.

Advanced learners are encouraged to take part in a variety of activities, including quizzes, seminars, field studies, projects, intra and inter college competitions, programmes outside of the classroom, sports, cultural activities, which foster in them decision-making ability, leadership, analytical capability, inculcate team spirit and so on.

The Institution has been following the practice of uploading videos of recorded lectures, laboratory simulations and reference materials for registered students to make the learning process more effective. Slow learners have been found to benefit from this practice.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/2.2.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/2.2.1.pdf</a>

**2.2.2 - Student – Teacher (full-time) ratio**

Year	Number of Students	Number of Teachers
01/07/2021	2254	143

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**2.3 - Teaching- Learning Process**

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

The faculty members use a variety of teaching and learning techniques, such as the lecture method, the interactive method, computer-assisted learning, experiential learning, etc. Illustration and unique lectures help to make the teaching-learning process successful.

Some of the courses are of the nature - project-based learning. Professors are mentors for these projects. Additionally, student seminars are held based on current issues which enhance their learning experience.

Visits to local enterprises, fields, and institutions offer collaborative experience. Participation in extracurricular activities like sports and cultural events promote holistic participatory learning.

Assignments and tutorials familiarise students with problem-solving techniques so that they can apply their knowledge to solve real-world problems. High levels of engagement are needed in all teaching-learning processes, including seminars, presentations, group discussions, interactive quizzes, projects, assignments, and internships as part of various programmes. For some of the programmes, field trips are included in the curriculum to enrich and immerse students in the learning process.

keeping students up to date with the recent developments in their fields of study, lectures by recognised experts and professionals, workshops, and national and international seminars are often organised.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/2.3.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/2.3.1.pdf</a>

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

**All seminar halls and classrooms are ICT enabled.**

To make ICT teaching more effective institute has developed studios with the basic acceptable infrastructure including stable internet connectivity through Wi-Fi facility and security measures such as filters and site blockers.

Teachers use PowerPoint Presentations and video streaming. Codetantra, Vrook - E-learning platforms are effectively used to manage and post course-related information and learning materials, conduct quizzes, etc.

Digital Library resources are provided to students 24/7, through the VTU consortium. Hands-on experience using MATLAB/Python Online platforms such as Google Forms, Easyclass, Kahoot are regularly used by teachers.

Students are provided with learning material which is shared through Contineo, Master soft (College Management System). These materials can be accessed by the students anytime from anywhere by login through their credentials.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/2.3.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/2.3.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

**2.3.3 - Ratio of students to mentor for academic and other related issues**

**2.3.3.1 - Number of mentors**



143

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar is prepared by Principal, Dean (Academics) in consultation with HoDs. The Academic Calendar ensures well-functioning of the Institution. The Calendar includes the details of all the working days with day order, holidays, dates of the Continuous Internal Assessment Tests, Semester End Assessments, list of activities of academic year and the dates of national as well as religious importance.

All the Departments prepare their activities and programme calendar resonating with the calendar of common programmes. It helps micro level planning by scheduling most of the activities in advance and maximise the use of infrastructure and ICT facilities.

A detailed lesson plan (DLP) is prepared for every course by the respective faculty. The course instructors create unit-specific lesson plans that detail the timetable, instructional aids, teaching-learning techniques, and ways for evaluating those techniques. Each course's teaching plan illustrates how the instructor intends to make each class more educational, engaging, analytical, and resourceful.

Lesson plan is duly approved by HOD and is placed in the course file. Course coverage is monitored by the concerned HOD once in a fortnight and deviations if any, are clarified with the concerned faculty and special class work is planned.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

#### 2.4 - Teacher Profile and Quality

<b>2.4.1 - Number of full-time teachers against sanctioned posts during the year</b>	
<b>143</b>	
File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year</b>	
<b>56</b>	
File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)</b>	
<b>1160</b>	
File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>2.5 - Evaluation Process and Reforms</b>	
<b>2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year</b>	
<b>10</b>	

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

**The paperless Continuous Internal Assessment (CIA) and Semester End Assessment (SEA) examination system has been implemented for the first Autonomous batch in 2021-22.**

**Both CIA and SEA for Autonomous batch are conducted through the Digital Tab with online delivery of question paper with digital authentication of student by biometric mode and the answer scripts are stored digitally in the cloud securely. A dedicated examination management system in place operated through the software Exam Cloud.**

**The evaluation of the answer scripts by the faculty will be in digital mode. The CIA scripts are made available to students to go through it for any clarification.**

**Using CMS like Contineo & Master Soft the results of each CIA are made accessible by parents and students. Examination application form filling, payment of exam fee, hall ticket generation are digitised and process transparent and efficient.**

**Revaluation and Photocopy of SEA answer scripts are available to**

students from the same Exam Cloud and Contineo platform. Announcement of semester results, Grade card are also carried out by the Examination Management System (EMS) of the Institution viz Contineo.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/2.5.3.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/2.5.3.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The Institution ensures that all the departments prepare program specific outcomes and course specific outcomes in line with program outcome given by NBA.

Program out Come and Program Specific out Come are displayed as given below

1. Institute website - <https://www.bnmit.org>
2. Orientation program during the first-year inauguration
3. College magazines
4. College management software (CMS)
5. Department newsletter
6. Classrooms, laboratories, and staffrooms
7. Lab records, lab manuals, assignments and I.A. books
8. Notice boards of college and hostels
9. HoD e-mail signature
10. Library

**Course out come**

1. Hard Copy of syllabi and Course Outcomes are available in the departments for ready reference to the teachers and students.
2. Course Outcomes of the Programs and Courses are displayed on the walls outside each department.
3. Soft Copy of Curriculum and Course Outcomes of Programs and Courses are also uploaded to the Institution website for reference.
4. Students are well informed about the program outcome and course outcomes in the beginning of each Course and documented in lesson plan and work dairy.
5. Program outcome and course outcomes are also mapped to each question in CIA and SEA question papers for student reference and attainment calculation.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/2.6.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/2.6.1.pdf</a>

#### 2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The Institute has implemented the practice of the evaluating the COs/POs/PSOs attainment in a phased manner. Where the academic programs are subjected to NBA accreditation the framework is developed conforming to the NBA guidelines of evaluating the attainments. The mapping strengths of COs to POs/PSOs, in a three-point scale, is also prepared for evaluating the attainments.

Direct assessment is carried out based on performance of students at semester examinations and at the continuous internal evaluations. For semester examinations question papers are set considering the COs of the course, each question is attributed to at-least one of the COs. Also, care is taken to confirm to

map the questions to Blooms Taxonomy.

Based on the marks scored by students, attainment of COs is computed in fractional scales. For Fulfilling the NBA requirement, additionally the rubric-based evaluation in a three-point scale is used to enumerate the CO attainments.

For the attainment of COs in courses like presentations, projects, internships, extra and co-curricular activities, the indirect method is used, based on rubrics. Also, courses corresponding to POs from the ethics component and skills are evaluated for the attainment of outcome in an indirect way.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/2.6.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/2.6.2.pdf</a>

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

**469**

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/2.6.3.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/2.6.3.pdf</a>

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/2.7.1.pdf>

**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Promotion of Research and Facilities**

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The Institute offers all necessary infrastructural resources, including research labs, a substantial print and online journal collection, and a supportive atmosphere for conducting and advancing research in cutting-edge fields of science, engineering, management.

To supplement the funds supplied by the Institute for their research, faculty are encouraged to submit applications to several external funding organisations and companies. The Institute has a record of supporting faculty members financially for conferences and publications.

Faculty and students are encouraged to present their proposals to the Academic Research and Innovation Committee for approval and sanction in accordance with university policies before applying for research and innovation grants.

Faculty members and students are able to work on interdisciplinary or multidisciplinary research projects in any disciplines of their choosing. In addition, access to cutting-edge research facilities and interactions with researchers both inside and outside of India are encouraged for faculty members.

In addition to PhD research programmes, curriculum-based undergraduate research projects and internship projects are used to encourage research. Additionally, the Institute supports faculty members' offline and online participation in national and international seminars, conferences, workshops, etc. Researcher travel to local, national, and worldwide conferences to present their findings is encouraged by the Institute.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/3.1.1.pdf">chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/3.1.1.pdf</a>
Any additional information	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research

#### 3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

1.11

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

8



File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.2 - Resource Mobilization for Research

#### 3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

95.2

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.2.2 - Number of teachers having research projects during the year

3

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/3.2.2.pdf">chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/3.2.2.pdf</a>
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

33

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

### 3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

3

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="http://www.vgst.in/">http://www.vgst.in/</a>
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

**BNMIT has created an ecosystem for innovation through various initiatives and their implementation through dedicated entities viz., (i) New Gen IEDC, (ii) Innovative Project Lab (iii) Technical Clubs (Robotic Club, Design Club and Coding Club etc)**

**DST has funded Rs. 2.7 crores under NewGen IEDC to promote innovation among students. A funding of up to 2.5 lakhs will be provided for each of the student's innovative ideas to convert it into prototype / product.**

**Every Department in BNMIT thrives hard to have a connect with Industry to bridge the gap between Industry and Academia. MoUs with Industry highlights the importance of students Programme, Faculty Development Programmes, Internships and seminar etc.**

**The BNM-CIPR identifies and protects innovative products or processes by Patents/Trademarks. The other literary activities and software developed by BNMIT are protected by copyrights. In addition, the new designs of products are protected by design**

registration.

BNMIT Incubation Centre (BIC) intends to extend its expertise, experience, and network to promote, nurture and incubate impact ventures, supporting alumni, students, faculty, and others. This document establishes the context, policy, and procedures for operationalizing this vision by creating dedicated resources.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/3.3.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/3.3.1.pdf</a>

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

**44**

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

4

File Description	Documents
URL to the research page on HEI website	<a href="https://www.bnmit.org/research/">https://www.bnmit.org/research/</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.7

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

13

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/1kp8sKvmY67sCJNKE7rAHnRCSVS01wdYD/view?usp=share_link">https://drive.google.com/file/d/1kp8sKvmY67sCJNKE7rAHnRCSVS01wdYD/view?usp=share_link</a>

### 3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

#### 3.4.5.1 - Total number of Citations in Scopus during the year

777

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

#### 3.4.6.1 - h-index of Scopus during the year

70

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1.03

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

**89.91**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

**The institution continually encourages teacher and student engagement in a range of extracurricular activities that increase their awareness of social concerns and foster a sense of civic duty for their local communities. The institution promotes students' emotional growth while working to raise their emotional quotient and intellect.**

**The college has NSS wing through which different social activities are planned for every year. It has good interaction**

and outreach activities with the local rural community and involvement of students in all activities and events.

Faculty members and technical personnel of the University have participated as resource persons in awareness and capacity building programmes organized by other groups and institutions of the state.

Apart from the regular activities mentioned above the University also organizes events like Technical Fest, Annual Meet, International Day of Yoga, Fit India movement, Unity Day run, Memorial sports events, etc

#### Activities

1. Blood Donation Camp
2. Stationary and Books distribution to Government school children
3. Health camp in Rural Areas
4. Swatch bharath and Digital India Awareness program

#### Environmental awareness programs

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/3.6.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/3.6.1.pdf</a>

#### 3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

15

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)**

20

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**

2884

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7 - Collaboration**

**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

25

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**

19



File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The whole campus infrastructure includes the main building, sports ground including, vehicle parking space, Auditorium, medicinal garden etc. Whole campus is Wi-Fi enabled, installed with 25 CCTV camera. The Institute has Auditorium named as Mathrushree Sushila Devi R Maanay Auditorium for all Extra Curricular activities, Indoor and Out Door Sports ground for limited number of sports, with some semi-indoor sports like volleyball, Hand Ball and indoor games are available.

To handle massive gatherings during workshops, conferences, symposia, and other technical events and contests, the institution has three seminar halls and an auditorium (with 900 seats).

The BNMIT has well equipped Library and Information centre named after Shri Raghunath Rao Maanay Library, Along with more than 88 print editions of academic journals and magazines, the library and information centre has 48317 volumes of text and reference books in its collection.

The Institute offers its teachers and students access to 3 specialised audio video recording facilities and 1 audio recording facility. The University has programmes that have been recognised by several statutory organisations like the UGC, NBA, AICTE, etc., and the University has been able to satisfy the criteria for space for academic departments, hostels, and libraries.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/4.1.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/4.1.1.pdf</a>

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

**Cultural-** The cultural environment of the Institute is very vibrant and enriching. The infrastructure for cultural activities includes the 900 capacity Mathrushree Sushila Devi Maanay Auditorium, a well maintained Audio and Lighting facility and a music & Dance practice room at the Students Activity Centre. There are around 25 different instruments procured by the University such as Guitars, Drum Set, Synthesizer, Piano Flute, etc. which are available for use by students. Students participate in state and National cultural events regularly and have earned laurels over the years.

**Sports -** Both Indoor and Outdoor sports facility is available in the institute viz., Football, Basketball, Volleyball, Kho-Kho, Cricket, Athletics, Archery, Tug of War, Swimming, Table Tennis, Tennis, Carrom, Badminton, Chess, Cycle race etc. The Squash Area boasts of a world-class glass-backed court. BNMIT has its own badminton court with Synthetic turf.

**Yoga-** Two senior faculty member oversees the university's yoga centre, where instructors teach classes and programmes for the benefit of professors, students, and the local community.

**Gymnasium-** The State-of-the-art Gymnasium has Life Fitness cardiovascular equipment including treadmill and elliptical, a free weights section and a range of weights machines, a stretching area. Some Gymnasium equipment imported from USA and North Korea.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/4.1.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/4.1.2.pdf</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

**65**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

**166.06**

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

**Sri. N. Raghunath Rao Maanay Library and Information Centre at BNMIT uses Barcoding-based automation technology & this modernization facility makes it easier to check books in, out, and renew them. Both the intranet and the internet are accessible through the Online Public Access Catalogue (OPAC) of the library.**

Author, title, subject, keyword, classification number, publisher, and other criteria can be used to search the OPAC. The OPAC also offers details about newly released journals, books, etc.

Students can use computer systems situated at different locations within the library to access/search the OPAC. They can also do so remotely via the Web OPAC found on the college website. For the convenience of the students, the browsing centre at the library contained 25 computers and one printer. The reference section also acts as additional information centre for the students.

The library is open every day from 8:00 am to 6:00 pm. In addition to the regular operations, users are constantly counselled on how to best utilise the college library. To keep its visitors viz faculty/Students informed of what is occurring right now, the library has subscribed to 15 daily newspapers, 10 national dailies, and about 12 general magazines and 10 nature/technical magazines.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/4.2.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/4.2.1.pdf</a>

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**26.38**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)****4.2.4.1 - Number of teachers and students using the library per day during the year****130**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**4.3 - IT Infrastructure**

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

**The college has sufficient IT resources to improve teaching and learning with adequate IT infrastructure. more than 900 computers with the necessary software and antivirus are installed in labs with UPS facility.**

**Wi-Fi facility with 500 mbps speed for research, curriculum activities and for library.**

**The IT policy includes**

- **Acquisition and upkeep of computing resources and Networking with printers and other accessories.**
- **The creation, upkeep, and improvement of the administrative software**
- **Infrastructure modernization and disposal of obsolete or unusable ICT equipment**
- **Smart classrooms with CCTV monitoring system**

**Budgetary provisions is made for:**

1. PCs/Laptops/CCTV/Smart Class room/Audia Video recording.
2. Private Cloud/ WiFi / Leased line for Internet Connection.
3. AMC of Microsoft Volume licensing, Antivirus , UPS and CCTV.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/4.3.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/4.3.1.pdf</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
<b>2254</b>	<b>996</b>

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

**A. All four of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/4.3.4.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/4.3.4.pdf</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

**166.06**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

##### Laboratory

- The college has budget for all departments' lab management including equipment and cleanliness.

##### Infrastructure

- The institute has infrastructure which confirms to AICTE and University requirements.
- The Internet connectivity through LAN and Wi-Fi network, and ICT facilities are under the guidance of CSE Department.

##### Library

- Library and reference sections has all necessary facility like Books, Journals, Digital Library, browsing centre etc as per norms.

- Reference sections are used by students in the beyond working hours with a log book entry.

#### Maintenance

- The Campus Manager will be maintaining the institution's grounds and infrastructure, including the college building, classrooms, labs, and garden through daily basis.
- The upkeep and repair of CCTV, PCs, leased lines, Wi-Fi, and broadband, as well as the upgrading of software, are all handled through In-house and outsourcing as per the need.

#### Canteen:

- The college has a canteen that both students and employees may use for refreshments.
- Staff members / Students check the quality of the canteen and submit their findings to the principal. This is done to maintain the cleanliness of the canteen and the quality of the snacks.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/4.4.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/4.4.2.pdf</a>

### STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

##### 5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

774



File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

**124**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://www.bnmit.org/">https://www.bnmit.org/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

**2500**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

<b>5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees</b>	<b>A. All of the above</b>
---	----------------------------

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

<b>5.2 - Student Progression</b>
<b>5.2.1 - Number of outgoing students who got placement during the year</b>
<b>486</b>

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

<b>5.2.2 - Number of outgoing students progressing to higher education</b>
--

21

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

#### 5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

18

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

#### 5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

24

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The college has made provisions to include student representatives on several academic committees including the Magazine Committee, Grievance Redressal Cell, College Sports Committee, etc. in order to ensure student participation and achieve transparency in academic as well as administrative

affairs.

Colleges have both online and offline feedback mechanisms, which aid in the improvement of academic planning and the academic and facilities offered to all stakeholders, particularly students.

Different clubs are established where the events are managed by the students themselves with assistance from faculty coordinators in order to instil in the students leadership traits and organising skills.

**Grievance Redressal Committee:** The Grievance Redressal Committee, where students can register their grievances, has two student members.

**IQAC:** The Internal Quality Assurance Cell of BNMIT has one member from Student Council.

**DAB:** Department Advisory Board which conducts meeting twice in a year has three student members.

**IEI, ISTE, IEEE:** Technical Chapters has student representatives and coordinators.

**Anti-Ragging Committee:** It has two council members along with other members

**Hostel Committee:** It has 5 Student representatives

**College Internal Complaints Committee :** It has 3 Student representatives

**Internal Committee for the students with disabilities:** It has 3 Student representatives

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/internal-quality-assurance-cell-iqac/">https://www.bnmit.org/internal-quality-assurance-cell-iqac/</a>

**5.3.3 - Number of sports and cultural events / competitions organised by the institution**

37

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The association acts as a bridge between the alumni and their alma mater, giving the current students and the alumni a chance to develop positive synergies and grow together hand in hand. There are more than 300 members and more than 8000 alumni across the globe, joining hands to make BNMIT as a world-class institution. Institute organizes and is involved in many activities that have been bringing the Alumni of BNMIT closer to the institute while engaging them with the students, and uses the Alumni network in strengthening brand BNMIT.

The purpose of Alumni Day is to bring alumni and the Institute together so that they may form a strong network and collaborate for the benefit of the Institute. In order to facilitate campus/off campus placement/internships, alumni lectures, and joint projects such as alumni funded community outreach activities, etc., BNMIT and the Alumni Cell support a variety of alumni-related events and alumni engagement programmes.

Most of the alumni's who are working in the nearby places visit the institution often and also actively participate in committees like Department advisory board, Board of studies, Guest lectures, Career guidance, placement assistance etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/5.4.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/5.4.1.pdf</a>

**5.4.2 - Alumni's financial contribution during the year**

**E. <2 Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

#### **Vision -**

**To be one of the Premier Institute of Engineering and Management education in the country.**

#### **Mission**

- 1. To provide Engineering and Management education that meets the needs of human resources in the country.**
- 2. To develop leadership qualities, team spirit and concern for environment in students.**

#### **Strategies to achieve vision and goal:**

- Update curriculum to new technologies and information, Enhance connections with alumni and key stakeholders for job prospects, and career possibilities.**
- Creating infrastructure for energy efficiency and a sustainable environment and provide support for underprivileged.**
- Collaborating with institutions to improve research environment, foster innovation and entrepreneurship, and exchange of staff and students' facilities.**

- Feedback system that aids teaching and learning methodology.
- Policies pertaining to education, research, curriculum development, administration, financing, infrastructure development, extension, co-curricular and extracurricular activities.
- Active committees that help the all statutory bodies to function successfully.
- The Management engages the staff's expertise to carry out various administrative duties and appoints them as officials. These officials include the Director, Additional Director, Dean - academics, Principal, as well as the IQAC coordinator, controller of examinations, chief superintendent of examinations, heads of various departments, office superintendents, and coordinators of various cells.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.1.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.1.1.pdf</a>

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Principal and HODs make decisions on daily academic activities suggested by the management. Academic, Administration, Examination, Developmental activities are delegated to faculty.

The Head of Department has complete authority over academic and departmental decisions. The faculty members and the HODs collaborate to create the academic calendar.

All stakeholders are included in the decision-making process based on collective wisdom. The following committees participate in decision-making. Senior professors serve as heads and members of several committees with participation from students, parents, and management.

All of the faculty members interact, discuss, exchange opinions, and make plans for the institutional activities. The Management values all employees' opinions and ideas, and as a result, carefully upholds the participation culture.

Participatory Management System for academic and administrative activities are

- Governing Council / Governing Body Meeting
- Academic Council & Board of Studies
- HoDs Meeting
- Department advisory board meeting (DAB)
- Program Assessment and Audit Committee meeting (PAAC)
- Participatory Management System for Quality Assurance
- Internal Quality Assurance Cell (IQAC)
- Alumni Meeting
- Parents Teachers Meeting
- Students Counsellors Meeting
- College Faculty Meeting

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.1.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.1.2.pdf</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

- Creating a multidisciplinary innovation environment that will allow for institute incubation and project-based learning for students.
- Faculty members publishing papers in reputable publications and encouraging students to do the same
- Students presenting their research at prestigious institutions
- faculty members being sponsored to attend events at the national and international levels;
- An increase in the number of patent filings; and



**participation in conferences**

- Sign a memorandum of understanding with the industry for training, engagement, and bringing experts to interactive sessions.
- Arranged conferences, workshops, training sessions for faculty, certificate programmes, guest lectures, and departmental association activities.
- Apply for projects from government and non-governmental organizations like GOI, VGST and DST to name a few.
- To rank among the top technical institutes in the nation for Engineering, Management and Technology.
- Developing excellence in research and consulting.
- Fostering excellence in research and consulting, entrepreneurial and innovative endeavours
- To emphasize on the students' overall development through excellent academic programmes, training, Placement extracurricular and co-curricular activities, and community involvement initiatives.
- To create and sustain governance, administrative, and physical infrastructure that supports the college's Vision, Mission, and Values.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.2.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

**Roles and Responsibilities:**

**Chairman:** Chief mentor and head of the governing council.

**Secretary: Executive Trustee responsible for financial, academic and policy matters.**

**Director: Management representative and responsible for financial matters.**

**Additional Director: Management representative responsible for R&D.**

**Dean: Management representative responsible for planning and R&D.**

**Principal: Member of management responsible for academic operations, resource requirements, meeting Statutory and regulatory requirements of the Government, AICTE and University (VTU) and financial matters of the Institution.**

**Director, Training and Placement: Organizing Training and Placement activities for students.**

**College Office staff: Assist principal in admissions, maintenance of student and staff records, Involve in finance management; banking, insurance, purchase, PF, fee collection and other administrative matters.**

**Librarian: Maintaining and improving the Library facilities.**

**Heads of departments: Smooth functioning of the department, maintain records, assign duties and monitor faculty performance, monitor R&D and project activities of the department.**

**Teaching staff: Teaching theory and practical courses, counsel and mentor students.**

**Maintain academic records, conduct and evaluate assessments, Involve in R&D and sponsored projects.**

**Laboratory instructors and technicians: Maintain laboratory facility for smooth conduction and also involve in department activities.**

**Department office staff: Help HoD & faculty in day to day operations, Maintain department record.**

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.2.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.2.2.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/bnmit-policies/">https://www.bnmit.org/bnmit-policies/</a>

### 6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

### Teaching:

- All staff members get gratuity and provident fund plans in accordance with government regulations.
- Leave benefits, casual leave, earned leave, maternity leave, study leave, sick leave, etc. are in accordance with Institute policies.
- Funding for Ph.D. studies for faculty members.
- During the crucial phase of their doctoral studies, teachers are permitted to accept reduced responsibilities.
- Financial support for the staff's participation in conferences, FDPs, seminars, and other training programmes both in India and abroad.
- Financial rewards for publishing papers in reputable journals.

- Financial rewards for self-evaluation ratings of 90% or above.
- Set aside money for unexpected medical costs.
- Insurance covering the whole gratuity.
- Employees are also encouraged by "Letter of Appreciation" for extra ordinary achievements.
- A teacher's good performance as reflected in an award and achievement is duly acknowledged in Institute news Letter and Magazine.

**Non-Teaching:**

- Government-mandated gratuity and provident fund programmes are available.
- Leave benefits like casual leave, earned leave, maternity leave, study leave, sick leave, etc. as per the Institute norms.
- Reserved medical funds for emergency medical expenses.
- Insurance on complete gratuity amount.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.3.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.3.1.pdf</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year****13**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year****16**

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### **6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)**

**150**

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### **6.4 - Financial Management and Resource Mobilization**

##### **6.4.1 - Institution conducts internal and external financial audits regularly**

The college has internal and external auditing mechanisms. The college's internal audit committee conducts internal audits on a regular basis. All audits are maintained by the office of principle and Departments.

Every year, a certified accountant who assists the institution with internal audit conducts the audit. The balance sheet, general funds, revenue and expenditure, and receipt and payment accounts were all compromised during the internal audit.

In accordance with government regulations, a chartered accountant routinely audits the college's financial records. After the audit, the report is forwarded to management for review, and the auditor shall ensure that all payments have been properly approved. Any questions that arise throughout the audit process will be addressed right away, along with any necessary

supporting documentation, and within the allotted time frames. The institution did not encounter any significant audit objections in the years before.

All of these procedures show that financial concerns are kept transparent and that there is adherence to financial discipline to prevent the institution's assets or finances from being misappropriated at any level. The management representatives and chartered accountant have properly signed the audited statement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.4.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.4.1.pdf</a>

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Registered for PFMS, Separate committees with the chairman and members look after the mobilization and utilization of funds for each grant received. The unutilised amount will be sent back to the sponsoring agencies along with the report.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.4.3.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.4.3.pdf</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

**Curriculum Development - The design of curriculum which included project based learning, the subjects such as life skills, liberal arts and creative arts have been included in the curriculum to improve the overall development of the student. By introducing AI and ML related course to all branches of Engineering as it is the cutting edge technology and would help all students in better placements. Scheme and syllabus is being prepared by giving emphasis on skill development using project based learning techniques.**

**Use of ICT tools and Pedagogy - The institute's IQAC has played a key role in putting numerous cutting-edge teaching and learning techniques into practise, including orientation programmes, flipped classes, video lectures, and quality assessments. Improvement of instruction via cross-disciplinary lectures, skill-oriented programmes, encouraging classrooms, problem-based learning, student-assisted instruction, creative thinking, collaborative learning, crossword puzzles, student seminars, and use of PowerPoint presentations. Periodically, IQAC has provided training in the use of ICT for teachers and non-teaching staff by hosting various workshops. Social media has been used for educational purposes as well as to develop communication with students and peers.**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.5.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.5.1.pdf</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Each year, the Institute make IQAC to undertake an academic audit of each department and a number of committees in an attempt to improve and maintain the calibre of teaching learning process. The Academic Audit committee assesses how well institutional planning, execution, and record-keeping requirements are met for instructional practises, curriculum, and extracurricular activities. Such detailed institutional parameters have been instrumental in strengthening the competitive spirit on campus and streamlining the entire process of teaching-learning.

Every year, IQAC collects feedback from students using a questionnaire with a unique format. Feedback is gathered on curricular components, instructional strategies, faculty improvement initiatives, and institutional initiatives. Using the student feedback as a guide, actions are taken to raise the college's organization's performance. The institution's principal and prominent faculty supervise and evaluate teaching-learning and other activities. Every section has a suggestion/complaint box where students can provide comments. When drafting policies pertaining to the institution, suggestions are taken into account. To lay out the plan for the new academic session, IQAC is being convened at the beginning of the academic session in conjunction with all committees. HODs present a signed copy of each faculty member's daily teaching record to the Principal on the need basis.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.5.2.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.5.2.pdf</a>



<b>6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/6.5.3.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/6.5.3.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Regarding the subject of gender equity, the institute is distinctive. There are more female staff in Teaching, Non-Teaching and Office staff, students as compared to male staff and students, which is a clear indication of safe working place for employees and safe learning place for students. On college committees like the Department Advisory committees, Woman Empowerment committees, Sexual Harassment committees, and IQAC, female faculty and students are also represented.

A safe campus is the first step toward student safety. Throughout class and tests, special care is taken to keep a safe and secure environment for female students. For the safety and security of female students, the college has installed CCTV throughout the entire campus. In addition, every person entering the college campus has their identity properly checked. The security team routinely checks the I-cards of students issued by the college at entrance section, and they constantly uphold

discipline in the college campus.

College campuses have complaint boxes to address the student concerns. The protection and safety of women are never compromised. To ensure that any issues with female staff and students don't occur again in the future, strong action is taken against violators.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.bnmit.org/wp-content/uploads/2022/12/7.1.1.pdf">https://www.bnmit.org/wp-content/uploads/2022/12/7.1.1.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment**

**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

#### **Solid waste**

1. Maintenance staffs collect the solid waste from hostel, academic block, administrative block, and store fronts, Canteen among other structures.
2. The solid waste is collected and disposed each day to maintain the cleanliness.

3. The Horticulture Department collects all of the grass and leaf litter to be used in

vermicomposting trenches to create fertiliser for plantings on campus.

#### **Liquid waste**

1. Rainwater is also collected for recharging of ground water through several open wells and for use in garden

#### E-waste management

1. Electronic waste (e-waste) is collected by Estate Branch from various departments. The usable parts are reused for the replacements.
2. The e-waste is disposed off through authorized vendors

#### Hazardous chemicals and radioactive waste

1. Hazardous waste (chemical-organic, inorganic, organometallic and biological), after segregation at source are treated as per general or specific SOPs as part of green practices being followed in the laboratories.
2. The effluents generated thus are finally discharged through a hazardous chemical waste disposal system.
3. There is no radioactive waste generated in the campus.

#### Waste recycling

1. Degradable solid wastes are often recycled using vermicomposting systems and biogas plants.
2. In repairs, usable e-wastes are used as replacements.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

**B. Any 3 of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.1.5 - Green campus initiatives include

#### 7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

**A. Any 4 or All of the above**

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 7.1.6 - Quality audits on environment and energy undertaken by the institution

#### 7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

**All First year students at the Institute are given an orientation programme at the start of each semester, during which they are educated on the importance of an equitable society and how to respect its socioeconomic, religious, linguistic, gender, and cultural diversity.**

Cultural performances from different student groups are incorporated into Institute functions like cultural day, first year inauguration, founders day, graduation day, etc.

With an aim of inculcating and strengthening the sense of patriotism and fellow feelings as Indians, diverse programmes are organized on India's Independence Day, Republic Day, Gandhi Jayanti, Dr. Ambedkar Jayanti and National Unity Day etc .

NSS student volunteers of Institute teach and conduct various cultural activities, educating the poor, rural empowerment, donations to under privilege in nearby villages having diverse ethnic groups.

Students and staff enthusiastically celebrate many festivals, which aids in the development of social and religious tolerance. The institution holds an annual gathering every year where various traditional/cultural dances, dramas that highlight unity in diversity, and regional dress shows are presented to promote our Indian culture. Students learn about the diverse cultures of our country through the cultural curriculum, which also promotes tolerance and harmony toward social, regional, linguistic, and cultural differences.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

- Institute celebrate all national, international days, birth, and death anniversary of legendary persons every year.
- Celebration of Independence and Republic Day is done every year enthusiastically by students and staff of our college. Flag hosting and National anthem is done in parade.
- International Yoga Day is also celebrated on 21st June of every year to spread awareness about the importance and effects of Yoga on health of people to maintain physical

and mental health as well.

- World Environment Day is celebrated to spread awareness about the importance of protection and conservation of our environment and sustainable development
- International Women's Day is celebrated to sensitize the university community about gender equity and social economic cultural and political empowerment of women.
- Rashtriya Ekta Diwas is celebrated to encourage "National Unity" and brotherhood
- For the newly admitted students every year induction program is organised wherein sessions are conducted on values, rights, duties and responsibilities.
- Constitution of India and Professional Ethics is studied as part of curriculum
- Various awareness activates are organised by NSS, NCC to constitutional obligations: values, rights, duties and responsibilities of citizens

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

**A. All of the above**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

In order to inculcate spirit of nationalism, patriotic feelings, scientific temper, and to remember the contributions of great Indian Thinkers, Freedom Fighters and Scholars, the University celebrates and observes various national and international commemorative days, events and festivals throughout the year.

- Independence Day is celebrated on 15th August by hosting flag in college.
- The Republic Day a program of national importance is celebrated regularly on 26th January.
- Birth anniversary of Dr. S. Radhakrishnan: Teachers' Day on 05th September. It is celebrated
- by the students in all the departments of the college to give respect to the teachers
- Every year Institute observes Sadbhavana Diwas on August 20 to commemorate the birth anniversary of late erstwhile Prime Minister, Rajiv Gandhi.
- Children's Day, celebrated on November 14, is recognized across India to increase awareness of the rights, care, and education of children.
- World Environment Day to underline the importance of judicious resource consumption, Protection of Environment, Climate Change mitigation, and sustainable development.
- International Day of Yoga is also observed every year with host of activities involving students and employees of the University.



File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

**chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/Best-Practices-2021-22.pdf**

File Description	Documents
Best practices in the Institutional website	<a href="chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/Best-Practices-2021-22.pdf">chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/Best-Practices-2021-22.pdf</a>
Any other relevant information	<a href="chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/Best-Practices-2021-22.pdf">chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/Best-Practices-2021-22.pdf</a>

## 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

**The establishment of ICT infrastructure in the colleges is part of the standardisation process. Students have the opportunity of accessing all information via websites and learning platforms implemented with ICT infrastructure and Wi-Fi on campus. The students have mentors or counsellors, and they are allowed to talk about their issues.**

**The teaching staff has taken a holistic approach to environmental sensitization of the students through the college's green initiative. Students participate in social awareness activities run by NSS and other groups in rural areas.**

Our strategy is to encourage faculty to participate in research programmes in order to gradually create a research atmosphere. Memorandums of Understanding have been made with several industries and other regional institutions.

Establishment of the Training for Teaching learning process for all the faculty on a regular basis for effective delivery of curriculum, ICT tools used for teaching learning process, Teaching and Training on subjects beyond curriculum.

The students' skill-based education is organised by ANVESHAN, the Skill Development Program (SDP), IOT Training, and Coding Classes.

File Description	Documents
Appropriate link in the institutional website	<a href="chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/NAAC.pdf">chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.bnmit.org/wp-content/uploads/2022/12/NAAC.pdf</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

1. The primary centre of student activities is students' clubs. Students get invaluable leadership and life skills as a result of this. Institute is in process of establishing more than 15 Technical and Non-Technical students Clubs to promote the institution at national and international events, develop leadership quality, Team spirit, Curiosity and innovative skill.
2. Flagship Projects aim at the horizontal and/or vertical integration of the value chain and thus at the technological feasibility of systems solutions with a long-term potential for growth. BNMIT is currently working on implementation of Autonomous Vehicle as it Flag ship project and launch of Pico satellite.
3. A bachelor's degree programme in innovation is designed to give students high-quality innovation skills so they can better grasp innovation processes and associated dangers. BNMIT will strengthen the curriculum for Innovation and Design Thinking courses.