



## YEARLY STATUS REPORT - 2023-2024

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	
	<b>BMS Institute of Technology and Management</b>
• Name of the Head of the institution	<b>Dr. Sanjay H A</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>08028561573</b>
• Mobile no	<b>9342560303</b>
• Registered e-mail	<b>principal@bmsit.in</b>
• Alternate e-mail	<b>iqac@bmsit.in</b>
• Address	<b>Post Box No. 6443, Doddaballapura Main Road, Avalahalli, Yelahanka City/Town Bengaluru</b>
• City/Town	<b>Bengaluru</b>
• State/UT	<b>Karnataka</b>
• Pin Code	<b>560064</b>
<b>2.Institutional status</b>	
• Affiliated /Constituent	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Visvesvaraya Technological University</b>				
• Name of the IQAC Coordinator	<b>Dr.Nagabhushan S V</b>				
• Phone No.	<b>9945388248</b>				
• Alternate phone No.	<b>9945388248</b>				
• Mobile	<b>9945388248</b>				
• IQAC e-mail address	<b>iqac@bmsit.in</b>				
• Alternate Email address	<b>nagabhushansv@bmsit.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://bmsit.ac.in/iqac">https://bmsit.ac.in/iqac</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://bmsit.ac.in/circulars">https://bmsit.ac.in/circulars</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.21</b>	<b>2017</b>	<b>12/09/2023</b>	<b>30/06/2026</b>
<b>6.Date of Establishment of IQAC</b>			<b>11/11/2019</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Faculty	Bureau of Indian Standards	Govt of India	2024, 6 Months	4,50,000
Faculty	IWWA - Bangalore Centre	Government	2024, 6 Months	10,000
Faculty	DST-SERB	DST-SERB	2024, 3 Years	32,00,000
Faculty	VGST, Govt of Karnataka	VGST, Govt of Karnataka	2023, 2 Years	15,00,000
Faculty	DST	DST	2024, 3 Years	26,88,000
Faculty	VGST, Govt of Karnataka	VGST, Govt of Karnataka	2024, 2 Years	40,00,000
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>		Yes		
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>		<a href="#">View File</a>		
<b>9. No. of IQAC meetings held during the year</b>		1		
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>		No		
<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		
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>		No		
<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>	
Participated in online filling of institution data in NIRF Ranking 2023	
Conducted Green Audit and Energy Audit of the Institution. Constant encouragement to promote research aptitude, policies, research ethics among faculty members, Scholars & students	
Academic and Administrative Audit (AAA) were carried out.	
Prepared a plan of action to improve Placements.	
<b>12. Plan of action chalked out by the IQAC in 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
To motivate the faculty to attend FDPs conducted for enhancing teaching and learning process.	Faculty have attended workshops and FDPs conducted by reputed engineering colleges.
To Enhance Research outcomes through promotion measures and strategic allocation in the form of seed money to young faculty	The Management has introduced Faculty Research Promotion Scheme (FRPS) commencing from the year 2022-23. Cash incentives for publications in refereed journals is enhanced. Financial support for presenting papers in National and International conference enhanced
Academic and Administrative Audit	Internal Academic Audit was conducted by IQAC
To strengthen relationship with alumni by organizing alumni meet, inviting them as resource persons for seminar/workshop etc. and as chief guest for college functions.	Organized alumni meet, and invited them as resource persons for seminar/workshop etc. and as chief guest for college functions.
<b>13. Whether the AQAR was placed before statutory body?</b>	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
Board of Governors	22/11/2024

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2024	14/02/2025

**15. Multidisciplinary / interdisciplinary**

The document "NEP-2020 Implementation Plan: Strategic Action Plan and Goals" charts out the modalities for phased implementation of the Policy at various levels, and broadly earmarks the short-term, mid-term and long-term goals which may be assessed and reviewed periodically. A key pillar of the National Education Policy (NEP 2020) is liberal ("holistic and multidisciplinary") education, which sensitizes students to the fundamentally interconnected nature of all human knowledge, enquiry and curiosity. The multidisciplinary education puts forth three principal arguments. They are: 1. NEP should ensure holistic mental development associated with multiple disciplinary ways of thinking. In other words, our curriculum aimed at (a) Creative/artistic ways of thinking by right brain and (b) Analytic ways of thinking by left brain. A mix of subjects from science and technology to humanities and social sciences, for example, with a creative combination of subjects, In this direction, institution has offered many interdisciplinary courses and also offered many cross disciplinary courses under the name of Bridge courses so that students can take courses offered by other departments. The institution has offered social connect & Responsibility and Universal Human values in the curriculum. The institution has inculcated yoga, music, scientific foundation of wellbeing, sports in the curriculum. Institution has given the option for the students to form the interdisciplinary teams to work on academic projects.

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

Academic Bank of credits (ABC) is one of the provisions of NEP 2020 to facilitate the students to exit a course and enter within a stipulated period. It aims to create a national-level facility to provide flexibility of curriculum framework and interdisciplinary or multi-disciplinary academic mobility of students across higher education institutions with appropriate credit transfer mechanisms stored in a 'Bank' promoted by a National level repository. Academic Bank of Credits shall provide to every student the facility to open

unique or individual Academic Bank Account in digital form; and the account holder shall be provided with a unique ID and access to the Standard Operating Procedure (SOP). ABC allows students to earn credits from various higher educational institutes registered. All the students of the institution has registered with Academic bank of credits. An seminar was given to present blueprint of NEP 2020 at the institute level by the IQAC coordinator.Examination section has started uploading the data examination data to NAD Portal.

#### **17.Skill development:**

Establishment of skill development labs ; For Holistic education in contemporary scenario..Many activites have been conducted. Dedicated infrastructure is created to facilitate various engineering skills to all the different domains to all the students and it is made manadatThe institution also conducted Five day skill development programme offered by all the departments in their respective areas  
Sample weblink

[https://bmsit.ac.in/public/assets/pdf/BMSIT\\_ETE\\_SDP.pdf](https://bmsit.ac.in/public/assets/pdf/BMSIT_ETE_SDP.pdf)

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

In our institute measures are taken to integrate the Indian knowledge system into our pedagogy. Indian knowledge systems, indigenous and traditional ways of learning, will be covered and included in mathematics, architecture, engineering, linguistics, sports, games, as well as in governance, and focus on Outcome based education To facilitate the students with the concepts of Indian traditional knowledge and to make them understand the Importance of roots of knowledge system. 2 To make the students understand the traditional knowledge and analyse it and apply it to their day-today life. students are taught about unit 1 : Vedic Corpus, Philosophy, Character scope and importance, traditional knowledge vis-a-vis indigenous knowledge, traditional knowledge vs. western knowledge. Unit - II 05 Hrs Traditional Knowledge in Humanities and Sciences: Lingistics, Number and measurements- Mathematics, Chemistry, Physics, Art, Astronomy, Astrology, Crafts and Trade in India and Engineering and Technology. Unit -III 05 Hrs Traditional Knowledge in Professional domain: Town planning and architectureConstruction, Health, wellness and Psychology-Medicine, Agriculture, Governance and public administration, United Nations Sustainable development goals.IKS (Indian Knowledge System) has been introduced in 6th Sem as Mandatory Course.

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

Institute has sucessfully implemented Outcome badsed education in

the Year 2015. As an Autonomous Institution from 2021, Outcome based Curriculum, Outcome based Learning and Teaching and Outcome based assessment is in place. At the end of the course, Course Coordinator will compute CO attainment and record the observations and action plan for the Next academic batch. Action plan may involve changes to the course content, delivery methods and assessment methods. At the end of the academic year, Program coordinator will compute program outcomes and Program specific outcomes by considering CO attainment of all the courses and various surveys such as Program Exit Survey, Course End Survey etc. Program Coordinator will record the attainments, Observations and Action plan for the next academic batch. All the eligible programmes are NBA accredited for the 3rd cycle. [https://bmsit.ac.in/nba\\_approvals](https://bmsit.ac.in/nba_approvals)

## 20.Distance education/online education:

The online mode is extensively used to conduct FDPs, Seminars, Guest lectures, and webinars regularly in the institution. The institute has put up genuine efforts to include the self-learning process by making students to undertake MOOC courses offered by NPTEL under the SWAYAM, COURSE ERA. The institution has many E-Journals and E-books is to inculcate a habit of e-learning and self-learning among the students. The students are advised to take MOOC courses or any other online courses which has credit and examination also. High-quality ODL and online courses provide students the opportunity for life-long learning. Efforts towards offering such courses in collaboration with the industry have already been initiated. The eStudio facility has been established to facilitate creating e-content and provide access to lecture material to facilitate offering of online and certificate courses. The institution also reimburses exam amount who scores good marks in the online courses such as swayam , NPTEL etc, Policy weblink <https://bmsit.ac.in/public/assets/pdf/nptel/MOOC%20-%20NPTEL.pdf>

## Extended Profile

### 1.Programme

1.1 774

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1 4316

Number of students during the year

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

2.2 603Number of seats earmarked for reserved category as per GOI/ State  
Govt. rule during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 846

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

**3.Academic**3.1 233

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 40

Number of sanctioned posts during the year



## Extended Profile

### 1. Programme

1.1	<b>774</b>
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2. Student

2.1	<b>4316</b>
Number of students during the year	

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

2.2	<b>603</b>
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	<b>846</b>
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 3. Academic

3.1	<b>233</b>
Number of full time teachers during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

3.2	40
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	65
Total number of Classrooms and Seminar halls	
4.2	6226.9
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1250
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

We at BMSIT&M inculcate a habit of ongoing self education in our students hence preparing them to soar high up in their respective fields. The institution continued its earlier method of allotting the course coordinators for the upcoming semester by the end of the previous semester. The course coordinator prepares course plan which will be reviewed by module Coordinator, Program Assessment Committee and HOD well in advance. The plan includes regular delivery pedagogy and supporting activities to achieve the accomplishment of Outcome Based Education (OBE). Periodic academic monitoring is conducted to scrutinize the status of plan achieved. The students are evaluated by conducting regular tests, quizzes and assignments. BMSIT&M follows Outcome Based Education (OBE) with the following learner centric methods: Cooperative learning, collaborative learning and other OBE approaches. Students are also exposed to Project Based Learning where the learning is made more effective through innovative/interdisciplinary projects. Learning is also happening through Industry attached labs.. The students

are also permitted to take up online internships & software projects. Faculty share their course materials in blogs, Whatsapp, college website, D- space for students

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	<a href="https://bmsit.ac.in/autonomous">https://bmsit.ac.in/autonomous</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Continuous Internal Evaluation (CIE) is conducted at the Institution level as per the institutional calendar of events. The following are the sequence of events adapted in order to conduct CIE. Course coordinators set the question paper as per the Institution standards which includes the CO-PO mapping, Blooms level and course outcomes (COs), etc. The Question Papers also include Innovative and Case Study Questions. The QPs shall be scrutinized by the committee formed at the Department level before it is handed over to the Chiefcoordinator. Chief coordinator in association with Department coordinators conducts the meeting to brief the instructions to conduct CIE. Further, the same is disseminated to all faculty members of the respective department. Test coordination team prepares the time table for circulation among students which will be approved by the Chief-coordinator and the Principal. CIE is conducted as per the Calendar of events and evaluation results are sent to the students and parents within 10 days of last CIE. The QP and Scheme of Valuation is also prepared which can be accessed by the students after the test.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	<a href="https://bmsit.ac.in/circulars">https://bmsit.ac.in/circulars</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating** A. All of the above

**University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

#### 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

13

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

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

24

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2502

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institution has the following

1. Creation of Eco Club at Institutional Level

2. Establishment of Advanced Wastewater treatment plant and Composting Unit

3. Establishment of Rainwater Harvesting Unit and Solar Units for the Campus

4. Knowledge sharing upon Environmental issues with the school kids of Kannada Government High School, Jamaga, Haliyal Uttara Kannada district

5. Plastic Clean-up Drive inside

6. Plastic Cleanup Drive at Melkote Jan 2020.

7. Seed Bombing and Seed Sowing Activities at Horaginabetta and Arkavathi Reserve Forest

8. E-waste Awareness and Collection drive at neighbourhood:

9. Honoring societal achievers with Green Teachers Award - for 2nd year

10. Manuring and Plantation drive at Lakkappanahalli, Nelamangala and de-weeding at Aladahalli Betta

11. Organising of International Webinar on the occasion of World

**Environment Day .****12: Percentage of power requirement of the College met by the renewable energy sources Page**

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year****301**

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships****3148**

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders**  
**Students**  
**Teachers**  
**Employers**  
**Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://docs.google.com/forms/d/1x8PKuqyMOQ4Ubndom-Bkv0d_tJqqa9bf_MqeUIRnB9w/edit#responses">https://docs.google.com/forms/d/1x8PKuqyMOQ4Ubndom-Bkv0d_tJqqa9bf_MqeUIRnB9w/edit#responses</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	<a href="https://bmsit.ac.in/igac">https://bmsit.ac.in/igac</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**1330**

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

603

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Yes, Institution assesses the learning levels of the students based on their performance in University Examinations, Internal Assessment Tests and involvement in the class room. High performing students are identified as advanced learners and low performing students as slow learners. Various technical activities are conducted for advanced learners to enhance the scientific temper, problem solving skills and creativity of the students. The students are encouraged to participate in intra-inter college competitions, scholarship programs, to volunteer in socio-cultural activities, do research publications, internships and etc. To encourage slow learners, remedial classes are conducted wherein the faculty explains the concepts according to the students' needs. Students are given a learning atmosphere where they are supported and guided on how to improve the quality of answers, additional assignments etc. Problem-solving sessions and additional tutorials are conducted. The college organizes orientation program for the parents and the students at the commencement of the programme for the new batch every year. Every year students are given a training on communication skills, personality development, time management and motivational sessions. Skill development clubs arrange workshops with hands-on session to improve students programming skills. Advanced learners are provided opportunities to develop their creativity by participating and organizing intercollegiate as well as national level technical symposiums The slow learners are monitored for their academic performance by the proctors and interact frequently to understand and assist any student with issues that affect their ability to learn or impede their academic success.



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

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
4316	233

File Description	Documents
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 institution encompasses various pedagogical methods. Experiential learning is a key component of the department's approach, where students undergo Internship and Project Work which provides students with valuable real-world experience. The internship program exposes students to the working culture of organizations and allows them to apply their theoretical knowledge in a practical setting. Institution has a two best practices, Project based learning and Open course. In Project Based Learning, teachers make learning come alive for students. Students work on a project in group of four or five over an extended period of time from a week up to a semester that engages them in solving a real-world problem or answering a complex question. They demonstrate their knowledge and skills by creating product or presentation. As a result, students develop deep content knowledge as well as critical thinking, collaboration, creativity and communication skills. Open course provides the knowledge about latest technologies which are not included in the curriculum. Each department offers two open courses on latest technologies in their domain in every semester and each of 25 hours duration. As a result, students develop skillsets in latest technologies and get exposure for new learning platforms. Student Centric methods like Collaborative learning, Role play, Mini projects, Modern tools like seleneium, JIRA are used for enhancing learning experience. Students are taken to industrial visit to enhance the practical knowledge. As a part of the curriculum, students were engaged in

CCAs to actively promote their skill sets and problem-solving abilities and report making.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://bmsit.ac.in/best-practice#se">https://bmsit.ac.in/best-practice#se</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

BMSIT&Madopts several innovative and creative teachinglearning methods to ensure that students have a better learning experience. One of the initiatives taken by the institute is the use of ICT-enabled tools for effective teaching-learning. All classrooms in our institute are equipped with LCD projectors, audio and video tools with internet facility. This helps students to visualize and understand the concepts clearly.

Our faculty members use teaching through models, group discussions at the classroom level, and organize intercollege and intracollege technical events. Workshops and training programs are also organized to train students in the latest technologies and enhance their skills. Our institute also focuses on providing students with learning beyond the classroom by organizing study tours, field visits, and internships. In our institute, we believe in utilizing modern technology and creative media to enhance the learning experience of our students. To achieve this, we regularly create and publish educational videos, animations, and other multimedia content on platforms such as YouTube.

The effective use of ICT-Enabled Tools and Online Resources for enhancing the teaching-learning process via digital simulations, and virtual labs. They are also equipped by digital library, online search engines and websites to prepare effective presentations. Also recording of video lectures is made available to the students for long term learning.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

196

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

233

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	No File Uploaded

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

163

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

9

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

As per University norms CIE includes CIE Test, Assignment/ Quizzes and Seminars as a formative assessment tool to assess the learning outcomes of students. The process is as follows:

1. The Institute plan the schedule for conducting CIE tests in the academic calendar.

2. Common Question Paper Pattern: The question paper pattern is made common for all programs. This helps to maintain uniformity and fairness in the evaluation process. The course coordinator also prepares scheme of evaluation of CIE question paper.

3. Syllabus Coverage: Three CIE tests conducted to assess the leaning outcome of students span across the course syllabus. The portion to be covered for each test is planned and is intimated to students at the beginning of each semester.

4. Evaluation of CIE tests will be made within a week after each test.

5. Transparency: CIE test marks are displayed on the notice board and evaluated books are shown to students.

6. CIE test marks are communicated to parents through SMS and informed in PTM also.

7. Analysis of each CIE test is done at the department level, and a suitable action plan will be prepared to improve the performance of students.

8. The analysis is reviewed in the department meetings, and appropriate changes are made to improve the system's effectiveness.

9. Quality Analysis: The quality of CIE test question paper is assured by the scrutiny committee consisting of module coordinators of each department, this helps to maintain the quality and relevance of the test questions and ensure that they measure the desired learning outcomes.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The Institute has put in place a transparent, time-bound, and efficient mechanism to deal with internal examination-related grievances. The system aims to address any concerns or grievances that students may have regarding the conduct or evaluation of internal examinations. Any student who has a grievance regarding internal examinations can approach the department's internal complaints committee. The committee provides a platform for students to raise their concerns and complaints related to internal examinations. The committee's members examine the complaints and take appropriate actions to resolve the issue within a stipulated time frame. The actions may include conducting

a re-evaluation of the answer sheet or providing an opportunity to retake the examination. The committee maintains complete confidentiality and ensures that the complaint is addressed in a fair and transparent manner. The Institute also has a Grievance Redressal Cell, which addresses grievances related to academics, administration, and other issues. The cell addresses the grievances within a stipulated time frame and takes appropriate actions to resolve the issue. The Grievance Redressal Cell maintains a record of all grievances and the actions taken to resolve them. The Institute encourages students to use these grievance redressal mechanisms to ensure that their concerns are addressed promptly and fairly. The system ensures transparency, efficiency, and accountability in dealing with internal examination-related grievances. By providing a platform for students to raise their concerns, the Institute ensures that the CIE system is fair and transparent, enabling students to focus on their studies and achieve their academic goals.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://bmsit.ac.in/coe">https://bmsit.ac.in/coe</a>

## 2.6 - Student Performance and Learning Outcomes

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

The Program Outcomes defined by National Board of Accreditation (NBA) reflect the graduate attributes. The institute follows the guidelines of the NBA in defining the Program Educational Outcomes (PEOs) and Program Specific Outcomes (PSO) for all programs. The Heads of the Department, in consultation with senior faculty members, defines the PSOs for each program. The final PEOs, and PSOs are reviewed and approved in the Department Advisory Board meeting, ensuring that all stakeholders are involved in the process. The POs, PEOs, PSOs are disseminated among all the stakeholders through department faculty and staff meetings, alumni meet, parents meet, in the class rooms, orientation programs (at department level). The same are also published on department websites, department magazines, lab manuals, lab journals, course plans, class rooms, laboratories, department office etc. The Course Outcomes (CO), are defined for all the courses of the curriculum by the respective course coordinators.

The COs of all the courses are displayed on the respective department websites for the information of students. The COs are also included in course files of the faculty and course plan. Each faculty member communicates to the student members all the COs of their course at the beginning of the semester (usually during first / second class). Thereby, students shall come to know what skills, knowledge, expertise they are going to gain at the end of the course.

COURSE OUTCOME IS REFLECTED IN THIS LINK FOR ALL THE SEMESTERS FOR 2023-24 Batch <https://bmsit.ac.in/autonomous>

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The attainment of Course Outcomes (COs) in our institution is done through a comprehensive set of assessment tools and processes. As part of the Outcome-Based Education (OBE) approach, the COs for each course is defined based on the Programme Outcomes (POs) and other requirements. At the end of each semester, the attainment of COs is assessed and evaluated to determine whether they have been achieved or not.

Direct attainment with weightage of 80% is measured by evaluating student's performance through CIE, and the Semester End Examination. The weightage given to each of the assessment tools is as per university guidelines/scheme. Indirect assessment of COs is through course exit survey/course satisfaction survey.

A weightage of 20% is given to indirect assessment. Attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs) are done using both direct and indirect assessment tools. The direct attainment of COs in each course is mapped to the relevant POs and PSOs. The attainment levels for each PO and PSO are calculated by taking a weighted average of the attainment of all the contributing COs. Indirect assessment of POs and PSOs is done through exit survey taken from the outgoing batch students. These surveys provide valuable feedback on the attainment of POs and PSOs

from the students' perspective. The weightages for direct and indirect assessments are defined to determine the overall attainment of POs and PSOs.

Sample : Program Outcomes and Course Outcomes are reflected in the document uploaded for 2023-24 batch in the Institution Website.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://bmsit.ac.in/autonomous">https://bmsit.ac.in/autonomous</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

846

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 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)

[https://bmsit.ac.in/public/assets/pdf/igac/NAAC\\_SURVEY\\_2023-24.pdf](https://bmsit.ac.in/public/assets/pdf/igac/NAAC_SURVEY_2023-24.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)



**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****118.98**

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)****3.1.2.1 - Number of teachers recognized as research guides****130**

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year****3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year****5**

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

**3.2 - Innovation Ecosystem**

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

BMSIT&M established BICEP - BMS Innovation Centre and Entrepreneurship Park - Incubation centre to encourage students and faculties to catalyse development of innovation-driven enterprises. The Centre has been recognized and approved as the Host Institute to set up a Business Incubator (BI) by the Ministry of MSME, Govt. of India. It is recognised as Institute Innovation Council (IIC) by ministry of education, Govt. of India since 2018 and have been rated annually up to 4.5 out of 5 stars. NIRF positioned BMSIT&M in the band of 151-300 in the innovation category. BICEP is supported with Aarohan - hardware innovation laboratory with all tools and components for hardware innovative projects. Aarohan houses CoE of UAV and E-Yantra robotics (IIT Mumbai). Financial support is extended to students and faculty.

Innovation:To pave path for entrepreneurship through innovation, institute have policies in place to support faculty and students for prototyping and National/State level participation.

1.Seed fund of Rs. 5,62,345/- lakhs to 9 faculty driven hardware innovative projects.

2.Seed fund of Rs.4,07,195/- lakhs to 30+ student's teams for competition

3.Upgradation of Aarohan Rs. 2,89,100/- lakhs invested to make prototyping accessible on campus to students and faculty.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://bmsit.ac.in/incubation-centre">https://bmsit.ac.in/incubation-centre</a>

**3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year**

**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year**

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	<a href="https://bmsit.ac.in/research">https://bmsit.ac.in/research</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

151

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

##### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

209

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year.

Some of the extension activities carried out by the students are:

1. Development and managing efficient garbage disposal system: Initiatives for waste segregation, recycling promotion, and waste management awareness.

2. Swachh Bharat Abhiyan: Participation in cleanliness campaigns, public space cleaning, and hygiene awareness programs. Nearly 170+ students took up the initiatives as Volunteers.

3. Improving education quality in villages: Students have contributed in enhancing the quality of education in rural areas. They organized teaching sessions, provide educational resources, or mentor students to improve their learning outcomes.

4. Blood Donation and Health Check Up: 1000+ students and staff actively involved in blood donation and around 370 Units of blood was collected which helped 1116+ needy patients. Nearly 220 staff and students benefited from Health Check up camp

5. Organic Farming - Workshop Conducted on 2nd July 2024 by Mr. Sudhara Karan where 60 students of BMSIT participated.

NCC BMSIT has been engaged in National level camps such as RDC, TSC, Army Attachment Camp, SNIC etc., and also grooming the young engineers into disciplined & patriotic citizens of the nation and motivating them to take up a career in the Indian Armed Forces. We have authorized strength of 52 cadets out of which, we have SD- 29 (Boys) and SW - 23 (Girls) cadets.

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

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

8

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

21

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

3550

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

## 3.5 - Collaboration

### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

#### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

604

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<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 equipment etc.

The campus is spread over 22 acres. The built-up area is 60,115 Sq.mts. BMSIT has 68 well equipped laboratories catering to the needs of UG and PG students and research scholars. The institution continues to augment new infrastructure and those essential to renovate the existing ones. An amount of 20.13 crores have been expended towards infrastructure augmentation and purchase of e-resources respectively during the assessment period. BMSIT has 57 class rooms equipped with a ubiquitous ICT facility. E-studio with state-of-the-art hardware and software for video and audio recording and editing has been established. The existing bandwidth of the intranet is 1.2 GBPS. 24/7 Internet facility at college and hostels, 5 High end servers, 1250 computers on network and 60 printers, 08 licensed system and 60 application software. The Library resources are housed in a spacious building (1712 Sq. Mt.), The seating capacity of 223 users at a time. The library has a collection of 65,971 volumes and 15,208 titles. The library has access to international databases: 12,916 e-journals and access to 47,913 e-books. The library is subscribed to 125 printed technical journals and 621 NPTEL Lectures and streamed using intranet. Apart from the central library, departmental libraries of engineering, MBA and MCA provide for immediate reference. Centre of Excellence/Incubation/Propel Labs, workshops, Language laboratory, auditoriums, separate hostels for men and women, on-campus health centre, Student counsellor Cell, NSS Room are established.

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

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

BMSIT&M places a high emphasis on the role of sports and physical education in shaping the overall development of its students. We believe that participation in sports not only fosters physical health but also cultivates essential life skills such as teamwork, leadership, and resilience. The Institute is equipped with a variety of sports facilities designed to cater to the interests of our diverse student body.

The Indoor games facilities are Badminton Courts, Table Tennis Facilities, Multipurpose Gymnasium and the outdoor games are Football Ground, Cricket Ground, Basketball Courts, Volleyball Courts, Athletic Track. The institute has achieved notable successes in various sporting events, which include: Securing multiple awards in inter-college sports competitions, showcasing talent in sports like cricket, basketball, and athletics. Recognizing outstanding athletes from our college who have earned accolades at state and national levels. Establishing a tradition of a strong sports culture, with increasing participation and enthusiasm from students every year.

BMSIT&M is committed to maximizing the utilization of sports to enrich the student experience. By integrating sports into the fabric of campus life, we aim to develop not only skilled athletes but well-rounded individuals prepared for future challenges. With continuous improvement and investment in sports programs, we envision a thriving campus where every student has the opportunity to engage in sports, excel in their studies, and grow as individuals

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



### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

65

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

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

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

6226.9

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The Library at the BMSIT&M is automated with KOHA(Koha Integrated Library System).

Koha is a feature rich, free and open-source library integrated management software being used since 2014 in BMSIT&M. It is being managed and administered by the librarian himself. It is in use worldwide in libraries of all sizes, Koha is a true enterprise-class ILS with comprehensive functionality including basic and advanced options. Koha includes modules for acquisitions,

circulation, cataloging, serial management, authorities, flexible reporting, label printing, multi-format notices, offline circulation for when Internet access is not available, and much more. Koha will work for consortia of all sizes, multi-branch, and single-branch libraries. Koha - OPAC is one of the modules available for the use of library patrons. It helps them search for any item of their interest and come to know whether the item is available in the library is on the shelf or in circulation. One can find out the location of the items he / she searches and reach the location with the help of Subject index list, Bay Guides etc. One can know what all the items are borrowed by them and when they are due. Check the fine amount paid by them.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	<a href="https://bmsit.ac.in/library">https://bmsit.ac.in/library</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources** A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

32.29

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
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 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

##### 4.2.4.1 - Number of teachers and students using library per day over last one year

226

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

A description of the IT facilities @ BMSIT&M:

1. **Two(2)Giga Bandwidth:** This facility offers a high-speed internet connection with a bandwidth of 2 gigabits per second (Gbps). This ensures fast data transfer rates, supporting high-demand applications, video conferencing, and large file transfers.

2. **300 WiFi Access Points:** The network includes 300 + WiFi access points, POE switches, Non-POE switches providing extensive coverage and connectivity across the premises. This ensures that users can connect to the internet from almost anywhere within the facility.

3. **FortiGate Firewall:** The FortiGate firewall is a next-generation firewall (NGFW) that provides advanced security features. It protects the network from various threats, including malware, ransomware, and cyber-attacks, by filtering incoming and outgoing traffic.

4. **Authentication Server:** The authentication server manages user access to the network. It verifies the identity of users and

devices, ensuring that only authorized personnel can access the network resources. This helps maintain network security and prevent unauthorized access. These facilities together create a robust and secure IT infrastructure, capable of supporting a large number of users and high-bandwidth applications while ensuring data security and network integrity.

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

#### 4.3.2 - Number of Computers

1250

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	No File Uploaded

#### 4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

6226.9

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

BMSIT&M has extensive Infrastructure spread over 22 acres with a built up Area - 60155 Sq.Mts. The infrastructure comprises of labs, classrooms, Data Centre, Centres of Excellence, Incubation Centres, Language Laboratory, Examination Centre, e-Studio, Placement Centre, Hostels, Library, ICD, Ladies Common Room, Cafeteria, Sports and Cultural Facilities.

The Building Section oversees construction and maintenance of physical infrastructure. The Building Section ensures construction quality and review. General Insurance coverage for Building, Furniture, fixture and equipment's are provided.

The Library Committee suggest measures for improvement and maintenance of Library resources and services. The library has OPAC for easy search of books.

The total power taken from Electricity Board is 400 KVA. Back Up Power of 820 KVA is met through DG Set. The Back Up power supply is through UPS (500 KVA). The DG Set and UPC is maintained through AMC.

Centralized RO Drinking Water Systems of capacity 250 LPH (01 Units), 500 LPH (01 Units) and 50 LPH (05 Units) have been established in all the buildings to cater for safe drinking water.

Fire utility services have been installed at various locations as per the regulatory norms. Exit signs and floor indicators are provided at important locations. The Telephone, STD, ISD, Telefax facilities are available on campus. Intercom facility with 61 extensions is provided. Maintenance and repair are undertaken through AMC.

The Hostels are installed with CCTV to monitor the movements. The

Data Centre monitors the Campus Wide Networking (CWN) facility and also looks after the maintenance of ICT Tools.

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

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1318

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

76

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

980

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

980

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student**

**A. All of the above**

**grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

731

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

51



File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

51

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

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

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

22

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

BMS Institute of Technology and Management (BMSIT&M) provides opportunities for students to represent and engage in the following areas:

1. **Board of Governance (BoG):** Student representatives participate in BoG meetings, offering valuable insights and contributing to decision-making processes.
2. **Cultural Events:** Students organize and participate in vibrant cultural events, showcasing their artistic talents and fostering camaraderie through music, dance, drama, and festivals.
3. **Sports Events:** The institute encourages participation in sports through interdepartmental and intercollegiate competitions, promoting physical fitness and team spirit.
4. **Annual Technical Events:** Students are key in organizing flagship technical festivals and hackathons, providing a platform for innovation and knowledge sharing.
5. **Tech Transform Event:** This event highlights technical advancements and projects developed by students, emphasizing creativity and problem-solving skills.
6. **Board of Studies (BoS) Meetings:** Students contribute to curriculum development by providing feedback and suggestions during BoS meetings, ensuring the relevance of academic programs.
7. **Entrepreneurship-Related Activities:** Through the Entrepreneurship Development Cell (EDC), students explore business ideas, attend workshops, and interact with industry mentors to cultivate entrepreneurial skills.
8. **Environment-Related Activities:** Students actively participate in initiatives like tree plantations, waste

management drives, and awareness campaigns, promoting sustainability and environmental responsibility.

9. Students will be invited to participate in Academic Council, IQAC and Hostel Committees.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

19

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, the Alumni association has been registered with registration number: SOR/GNR/229/2016-17 (Government of Karnataka) The Alumni Association was initially started in 2013 and was officially registered with the Registrar of Societies in 2015. The objective is to bring the entire alumnus under one common roof, thus creating a strong network between the Alma mater and the alumnus.

Alumni association is striving to encourage the alumni to take an

active interest in the work and progress of the institution by establishing regular engagement between the institution and the alumni. We have planned to establish practices, to recognize outstanding social and community services rendered by the alumni, to provide career guidance to our existing students from the alumni, and more.

Alumni association aim to enrich both the current diaspora and the alumnus through constant interaction and knowledge sharing. The Annual Alumni Meet is conducted by us on the last Saturday of January every year. The association is looking at innovative ways to connect and grow The Official Alumni Network of BMS Institute of Technology and Management (bmsit.ac.in)

File Description	Documents
Paste link for additional information	<a href="https://alumni.bmsit.ac.in/">https://alumni.bmsit.ac.in/</a>
Upload any additional information	No File Uploaded

**5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)**

File Description	Documents
Upload any additional information	No File Uploaded

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

**Vision:** To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

**Mission:** Accomplish stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.

The governance and leadership at BMS Institute of Technology and Management (BMSIT&M) are closely aligned with the institution’s Vision and Mission, adopting a decentralized and participatory

approach to foster effective institutional practices. Governance at BMSIT&M involves active collaboration among management, faculty, and stakeholders, ensuring inclusivity, shared responsibility, and the achievement of institutional goals. This inclusive approach aims to develop students into professionals with not only technical competence but also managerial skills and strong ethical values. BMSIT&M's primary objective is to prepare students to meet the dynamic needs of industry and society. Its Vision and Mission distinctly reflect a commitment to addressing the needs of students and the community, highlighting the institution's unique identity. By adhering to these governance practices, BMSIT&M consistently upholds excellence, shaping graduates who are well-prepared to contribute meaningfully to both their professional fields and society at large.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The top management approves the strategic plan and establishes policy guidelines, while the departments and sections are tasked with implementing corresponding medium- and short-term plans to achieve the strategic objectives. Although all departments are granted significant academic, administrative, and financial autonomy in executing these plans, they are encouraged to ensure that their actions align with institutional norms. As a result, despite decentralization, the system remains well-coordinated.

The system broadly operates as follows:

**Academic Autonomy:** Each department has the freedom to develop its academic plans, allocate available resources, implement those plans, and monitor their outcomes. Departments are responsible for preparing academic calendars, lesson plans, refining teaching methodologies, conducting internal examinations, and organizing co-curricular and extracurricular activities.

**Administrative Autonomy:** The Principal, who represents the management, is delegated substantial authority by the Board of Governors (BoG) for efficient and effective administration. The

Principal, in turn, shares administrative responsibilities with the Vice Principal, three Deans, Heads of Departments (HoDs), Cluster heads and other sections heads, enabling them to function independently

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

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan has been developed by considering the Vision of Institution. Initially ,SWOC analysis has been done to develop the Strategic plan at the Dept level.By considering the SWOC analysis and strategic plan of all the Departments, Institute level SWOC analysis and Strategic plan have been prepared. Same has been approved by the Academic Council and Board of Governence.

For every action item realted to Short and Long term goals, Institute has identified the stakeholders to execute the action plan.

SWOC analysis and Strategic plan documentis available in the following link:

[https://bmsit.ac.in/public/assets/pdf/Strategic\\_Plan\\_2024-2029\\_BMSIT.pdf](https://bmsit.ac.in/public/assets/pdf/Strategic_Plan_2024-2029_BMSIT.pdf)

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/Strategic_Plan_2024-2029_BMSIT.pdf">https://bmsit.ac.in/public/assets/pdf/Strategic_Plan_2024-2029_BMSIT.pdf</a>
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies,

administrative setup, appointment and service rules, procedures, etc.

The functioning of institutional bodies at BMSIT is highly effective and efficient, as reflected in its well-defined policies, robust administrative framework, and comprehensive rules for appointment and services. The governance of the institution is structured to ensure smooth coordination between various administrative and academic departments. The principal, acting as the chief executive officer, provides leadership in academic administration and liaises with the Board of Governors (BoG) to align institutional goals with strategic objectives. To maintain transparency and accountability, the principal shares administrative responsibilities with the vice principal, deans, and heads of departments (HoDs).

The institution has established clear guidelines on faculty and staff roles, responsibilities, and performance measurement. These norms encourage a professional, ethical, and collaborative environment. Faculty members are expected to adhere to high standards in teaching, research, and student engagement, while staff members are tasked with ensuring operational efficiency and confidentiality in their duties.

Additionally, BMSIT promotes research and academic excellence by providing financial assistance for professional development, offering cash incentives for research publications, and supporting participation in national and international conferences. The institution also extends welfare benefits such as medical coverage, festival advances, and gratuity, demonstrating a commitment to staff well-being.

This systematic approach ensures that the institution remains well-balanced despite decentralization, fostering autonomy while maintaining consistency with its overarching policies and goals.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/proceedings">https://bmsit.ac.in/proceedings</a>
Link to Organogram of the institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance

A. All of the above

## and Accounts Student Admission and Support Examination

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<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

The institutional bodies at BMSIT function effectively and efficiently, ensuring robust welfare policies and administrative systems. The management extends various welfare measures to staff, including festival advances of ₹25,000, interest-free laptop loans of up to ₹50,000, and concessional fees for the education of employees' children under the management quota. Additionally, a medical insurance policy covers up to ₹2,00,000 annually, with enhanced coverage of ₹3,00,000 in case of accidental death.

The institute also provides subsidized residential accommodations, family welfare fund benefits, and leave encashment. These comprehensive policies contribute to a supportive and well-organized institutional framework. Performance-Based Appraisal Systems (PBAS) are crucial for managing human resources in educational institutions.

At BMSIT&M, teachers play a pivotal role in student development. To evaluate and enhance their performance, a robust PBAS has been in place for five years. To further improve academic and research outcomes, a new PBAS was implemented on July 1, 2023. All annual increment applications due from this date are assessed under PBAS-2023. The assessment period for each faculty member covers the 12 months preceding their increment date.



File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/proceedings">https://bmsit.ac.in/proceedings</a>
Upload any additional information	<a href="#">View File</a>

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

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

27

File Description	Documents
Upload any additional information	No File Uploaded
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 programs organized by the institution for teaching and non-teaching staff during the year**

#### **6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

178

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

BMS Institute of Technology and Management (BMSIT&M) has introduced a Performance-Based Appraisal System (PBAS) for teaching and non-teaching staff, effective from July 1, 2023. This initiative aims to enhance institutional performance by fostering

the professional development of employees.

Teaching Staff: The PBAS for teaching staff follows UGC guidelines, focusing on three key areas:

1. Teaching, Learning, and Evaluation - Evaluates teaching quality, student feedback, and adherence to academic schedules.
2. Research and Academic Contributions - Assesses research publications, conference participation, and curriculum development contributions.
3. Professional Development - Recognizes engagement in workshops and seminars.

Faculty members must submit an Annual Self-Assessment via the PBAS proforma, detailing their achievements. The assessment period covers the 12 months preceding the annual increment due date, ensuring merit-based promotions and fostering excellence in teaching and research.

Non-Teaching Staff: Acknowledging their critical role, a tailored PBAS assesses non-teaching staff on:

1. Work Efficiency and Quality - Reviews task completion, accuracy, and timelines.
2. Professional Conduct and Team Collaboration - Evaluates interpersonal skills, teamwork, and work environment contributions.
3. Skill Development - Encourages participation in relevant training programs.

Annual performance reviews for non-teaching staff mirror the timeline of teaching staff. This system ensures fair assessments, constructive feedback, and professional growth opportunities, contributing to institutional excellence.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/proceedings/Performance%20Based%20Appraisal%20System.pdf">https://bmsit.ac.in/public/assets/pdf/proceedings/Performance%20Based%20Appraisal%20System.pdf</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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

BMS Institute of Technology and Management (BMSIT&M) ensures financial accountability and transparency by conducting regular internal and external audits.

**Internal Audit:**

The institution performs internal audits to monitor financial transactions, ensure compliance with institutional policies, and prevent discrepancies. The internal audit is conducted by a dedicated internal audit committee that reviews key areas, including payroll, procurement, student fee collection, and expenditure. Any discrepancies or irregularities identified during the audit are reported to the finance committee, and corrective actions are taken promptly.

**External Audit:**

An external audit is conducted annually by an independent Chartered Accountant firm. This audit covers all financial aspects, including income, expenditures, grants, and statutory compliance such as GST and TDS filings. The external auditor prepares a detailed audit report and submits it to the institution's governing body for review.

**Mechanism for Settling Audit Objections:**

In case of audit objections, the finance and accounts department, in consultation with the audit committee, addresses the issues by providing clarifications or implementing corrective measures. Audit objections are resolved within a specified timeline to ensure compliance and maintain the financial integrity of the institution. Regular audits and timely resolution of audit objections uphold BMSIT&M's commitment to sound financial management.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf">https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

2341000

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

BMS Institute of Technology and Management (BMSIT&M) adopts well-defined strategies for mobilizing funds and ensuring the optimal utilization of resources to maintain financial sustainability and foster institutional growth.

The primary sources of funds include tuition fees, grants from government and non-governmental agencies, research funding, and donations from alumni and well-wishers. The institution actively collaborates with industry partners for sponsored research projects and consultancy services. Additionally, BMSIT&M participates in government schemes such as R&D funding programs, AICTE grants, and other skill development initiatives to enhance its financial base. The institution also encourages alumni contributions and endowment funds to support scholarships, infrastructure, and research development.

BMSIT&M ensures the judicious use of resources through a robust financial planning mechanism. The finance committee prepares an annual budget that allocates funds to key areas, including academic programs, infrastructure development, research, and student welfare. A systematic procurement process is followed to ensure cost-effectiveness and quality. The institution emphasizes energy conservation by adopting eco-friendly practices such as solar power installations and water harvesting systems. Regular maintenance of infrastructure, laboratories, and equipment ensures longevity and reduces operational costs.

Resource utilization is periodically reviewed to ensure alignment with the institution's goals. Financial audits, both internal and external, are conducted to maintain accountability and transparency. By adopting these strategies, BMSIT&M ensures financial stability while providing quality education, modern infrastructure, and a conducive environment for learning and research.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf">https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf</a>
Upload any additional information	No File Uploaded

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

### Quality Assurance plan:

- **Curriculum Relevance:** The QAP ensures that the curriculum remains current with industry standards and technological advancements, which is crucial for preparing students for further studies and professional success. The syllabus is matched with the industry standards. Regular feedback is taken from the stakeholders to update the curriculum. The teaching methodology followed is OBE driven.
- **Student Preparedness:** The students are assessed based on continuous assessment in the laboratory as well as alternative assessment tests are used in theory subjects. Students are imparted with various aptitude and skill-based programs at regular intervals.
- **Continuous Improvement:** To improve teaching methodologies and learning outcomes, CIA is conducted as per the guidelines from the institution complied with statutory body.
- **Stakeholder Engagement:** Involving faculty, industry professionals, and alumni in the review process helps align the program with real-world expectations and requirements
- **Performance Metrics:** Rubrics has been defined to evaluate all the academic artifacts of the student.

### Implementation Strategies:

- **Regular Inspections:** Conducting periodic reviews of academic programs ensures compliance with established quality standards. An academic audit is conducted for all the departments. And meeting is conducted to understand the SWOC analysis of the department and relevant improvements are suggested
- **Documentation:** Maintaining comprehensive records of quality-related activities allows for transparency and accountability within the institution
- **Training Programs:** Providing faculty and staff with ongoing training enhances their ability to deliver quality education effectively.
- **Feedback Mechanisms:** Implementing systems for gathering feedback from students and stakeholders helps identify areas needing improvement and fosters a culture of continuous enhancement.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/igac">https://bmsit.ac.in/igac</a>
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviewed its teaching-learning process with a focus on achieving program outcomes (POs) and course outcomes (COs). The Internal Quality Assurance Cell (IQAC), in consultation with academic departments, identified gaps in aligning the curriculum with industry needs and the expected graduate attributes. Feedback from stakeholders, including students, alumni, and employers, indicated the need for a structured approach to measure learning outcomes.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/igac">https://bmsit.ac.in/igac</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of**

**A. All of the above**

**Internal Quality Assurance Cell (IQAC);  
Feedback collected, analyzed and used for  
improvements Collaborative quality  
initiatives with other institution(s)  
Participation in NIRF any other quality audit  
recognized by state, national or international  
agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<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

The BMSIT&M Women Cell strives to promote gender equity among the faculty and students at all levels of functioning. We have Gender Champion Cell, Women Empowerment Cell and Internal Complaint Committees in place for the promotion of gender equity. The institute has constituted committees for the functioning of these cells.

The Women Cell of BMSIT&M educating our students about the gender equity during first year induction program and organizing several gender equity and empowerment programmes to create awareness among the students and faculty. Further, International Women's Day is celebrated annually to recognize the social, economic, cultural, and political achievements of women and to advocate for gender equality.

The Women Empowerment Cell of BMSIT&M celebrated International Women's Day on 15/03/2024. Furthermore, the Women Cell organised orientation programmes, seminar, workshops and gender sensitivity programs to make students aware of Gender Equity, Women Health, Self-defence, Sanitation & Hygiene, Literacy, Women



Entrepreneurship, Legal Awareness and other activities listed as part of AICTE. Moreover, the Gender Champion Cell of BMSIT&M is conducting the programs for young boys' and girls' to make them gender sensitive and create positive social norms that value the girls and their rights.

File Description	Documents
Annual gender sensitization action plan	<a href="https://bmsit.ac.in/public/assets/pdf/Mant_hana_2024_updated.pdf">https://bmsit.ac.in/public/assets/pdf/Mant_hana_2024_updated.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://bmsit.ac.in/hostel">https://bmsit.ac.in/hostel</a>

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

**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The BMSIT&M employs a three-tier system for solid waste. Biodegradable waste is processed in composting units to produce organic manure for landscaping. Non-biodegradable waste, such as plastics and metals, is segregated and sent to authorized recycling units. Dedicated bins ensure efficient segregation at the source.

A sewage treatment plant (STP) is in place to treat wastewater. The treated water is reused for gardening, cleaning, and other non-potable purposes, reducing freshwater consumption.

Electronic waste is collected periodically and sent to government-approved recycling agencies. Awareness campaigns encourage responsible disposal of e-waste. Recycling initiatives include paper recycling, composting of organic waste, and reusing treated wastewater.

Workshops promote sustainability among students and staff. Hazardous chemicals are neutralized in designated places before disposal. This comprehensive waste management framework reflects the institution's commitment to sustainability and environmental stewardship.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<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**      **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**      **A. Any 4 or All of the above**

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

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

**7.1.6.1 - The institutional environment and energy initiatives 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**

**B. Any 3 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	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

BMS Institute of Technology & Management (BMSIT&M) actively promotes inclusivity and social responsibility through various impactful initiatives fostering tolerance, harmony, and societal well-being. The institution celebrates events such as Independence Day, Constitution Day, Gandhi Jayanti, Kannada Rajyotsava, Republic Day, and International Women's Day to encourage unity among students, staff, and stakeholders. Ethnic Day showcases community inclusiveness, with students and faculty wearing traditional attire.

Flagship events like Utsaha Vaibhava and Milanotsava bring together students from diverse backgrounds, fostering collaboration and showcasing talent. Social initiatives include Harmony in Generation, where students visited an old age home to provide rations and engage with residents, building intergenerational connections. During Anti-Vigilance Week, the street play Unmasking the Shadows creatively raised awareness about corruption and ethical conduct.

Educational and health initiatives reflect the institute's outreach efforts. The Book Distribution Drive provided 1,600 books and 600 packs of pencils to underprivileged students, supporting educational accessibility. The Dengue Vigilance and Prevention Initiative educated government school students about public health. In collaboration with Lions Blood Bank, the blood donation drive saw 380 donors, demonstrating unity across cultural, regional, and socioeconomic lines.

These initiatives exemplify BMSIT&M's commitment to fostering unity, cultural harmony, and addressing pressing societal

challenges, creating an inclusive and empathetic environment.

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>
Any other relevant information	No File Uploaded

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

BMS Institute of Technology & Management (BMSIT&M) actively engages its community in initiatives that reflect and promote the values enshrined in the Constitution of India, aiming to develop socially responsible citizens. Through NSS, NCC, Rotoract and various student clubs, activities sensitizing students on constitutional rights, values, duties and responsibilities is conducted on regular basis. Independence Day, Republic Day, Engineers day, Ambedkar Jayanth, Gandhi Jayanthi, Indian Constitution Day, International Yoga Day, National Unity Day, Swatch Bharat Awareness campaign, women's day, National Sports day, Blood Donation Camps, are some of the major activities / events conducted.

On Constitution Day, BMSIT&M emphasized democratic values through Preamble readings and discussions on rights and duties. This event fostered an appreciation for constitutional principles, encouraging students to reflect on their roles in upholding democracy. The same day, students participated in a candlelight march to honor the heroes of the 26/11 Mumbai attack, held at Major Sandeep Unnikrishnan Road, Yelahanka. This solemn tribute fostered empathy and social responsibility, uniting students around issues of national importance and remembrance.

Through these activities, BMSIT&M instils values of empathy, environmental consciousness, and patriotism, guiding students toward active citizenship and the responsible exercise of their rights and duties as per the Indian Constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://docs.google.com/document/d/1ESlXJLj0KSD6g9ktOmeDqgMZvUMlnksOTAgAbUJeo9o/edit?usp=sharing">https://docs.google.com/document/d/1ESlXJLj0KSD6g9ktOmeDqgMZvUMlnksOTAgAbUJeo9o/edit?usp=sharing</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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. 4. Annual awareness programmes on Code of Conduct are organized.**

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 programs 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

BMS Institute of Technology & Management (BMSIT&M) fosters unity, cultural appreciation, and wellness by celebrating national and international commemorative days. These events inspire patriotism, respect for heritage, and community spirit among students, faculty, and staff.

The 77th Independence Day (August 15, 2023) was marked with patriotic fervor, celebrating India's heritage. Anti-Ragging Week raised awareness about the seriousness of ragging through various

events. National Sports Day, commemorating Major Dhyan Chand's birth anniversary, promoted teamwork and celebrated India's athletic legacy.

Teachers' Day honored educators' dedication, while Engineers Day, a tribute to Sir Mokshagundam Visvesvaraya, featured talks inspiring students to reflect on engineers' roles in a changing world. Kannada Rajyotsava celebrated Karnataka's rich cultural heritage with flag hoisting and traditional performances, while the Kannada Festival hosted competitions promoting regional pride.

Republic Day was observed to instill unity and cultural respect, and International Women's Day raised awareness about gender equality and women's rights. On World No Tobacco Day, the NSS wing, in collaboration with Oracle CSR and the Indian Cancer Society, organized an awareness program highlighting tobacco's dangers.

International Yoga Day featured a collaborative session with the NSS, promoting physical and mental wellness. These initiatives underscore BMSIT&M's commitment to fostering a cohesive, inspiring, and inclusive environment that celebrates cultural heritage and prioritizes social responsibility.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### Best Practice 1: Project-Based Learning (PBL)

**Objective:** PBL aims to foster innovation, independent learning, and critical thinking by engaging students in real-world projects. It enhances problem-solving skills, teamwork, and interdisciplinary collaboration, bridging the gap between theory and practice.

**Practice:** In groups of 3-4, students choose projects every semester aligned with their curriculum or interests. Faculty mentors guide them through problem identification and solution design. Projects range from software and hardware development to addressing societal issues.

**Success:** Students have developed award-winning projects, leading to patents and industry collaborations. Feedback highlights improved technical skills, teamwork, and employability.

**Challenges:** Balancing PBL with academic workload, resource limitations, and varied student motivation. Solutions include investments in labs, software, and faculty development.

**Best Practice 2: Outcome-Based Education (OBE)**

**Objective:** OBE aligns education with measurable learning outcomes that meet industry and societal needs, emphasizing technical knowledge, professional skills, and ethical values. It promotes continuous improvement and lifelong learning.

**Practice:** Each program and course defines clear Program Educational Objectives (PEOs), Program Outcomes (POs), and Course Outcomes (COs). OBE involves curriculum design, innovative teaching methods, continuous assessment, and using data for improvement.

**Success:** OBE has led to higher employability, better academic performance, and national accreditation. Positive feedback from industry partners confirms graduates' industry readiness.

**Challenges:** Resistance to change and developing assessment tools for higher-order skills. Solutions include faculty development and investment in technology for outcome mapping and assessments.

File Description	Documents
Best practices in the Institutional website	<a href="https://bmsit.ac.in/best-practice">https://bmsit.ac.in/best-practice</a>
Any other relevant information	Nil

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words



BMSIT&M fosters innovation and entrepreneurship through its BMS Innovation Centre and Entrepreneurship Park (BICEP), an incubation center aimed at nurturing innovation-driven enterprises.

Recognized by the Ministry of MSME and the Ministry of Education, BICEP supports students and faculty with mentoring, training, space, networking, and financial aid for innovative projects and competitions. It houses Aarohan, a hardware innovation lab with tools for prototyping and focuses on areas like UAV and robotics in collaboration with IIT Mumbai.

BICEP offers training in business planning, entrepreneurship, marketing, IP, and idea pitching, supported by over 20 mentors with diverse expertise. The center also provides seed funding for faculty and student projects, totaling over Rs. 9.6 lakhs. Notable outcomes include cash awards of Rs. 21.85 lakhs for 40+ teams at state and national competitions, and successful startups in waste management, EdTech, drones, and IT services.

Current incubates include DOSTBIN Solutions Pvt Ltd., winner of the IIT Madras carbon zero challenge, DELOAI Pvt Ltd., a Smart India Hackathon winner, and Bhisma's Aero Pvt Ltd., certified by the DGCA. BICEP's comprehensive support has enabled these startups to thrive, securing recognition and funding from initiatives like Karnataka Startup Elevate and Startup India.

In conclusion, BMSIT&M's BICEP provides a dynamic platform for entrepreneurship, equipping students and faculty with the tools to succeed in the competitive business landscape.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

We at BMSIT&M inculcate a habit of ongoing self education in our students hence preparing them to soar high up in their respective fields. The institution continued its earlier method of allotting the course coordinators for the upcoming semester by the end of the previous semester. The course coordinator prepares course plan which will be reviewed by module Coordinator, Program Assessment Committee and HOD well in advance. The plan includes regular delivery pedagogy and supporting activities to achieve the accomplishment of Outcome Based Education (OBE). Periodic academic monitoring is conducted to scrutinize the status of plan achieved. The students are evaluated by conducting regular tests, quizzes and assignments. BMSIT&M follows Outcome Based Education (OBE) with the following learner centric methods: Cooperative learning, collaborative learning and other OBE approaches. Students are also exposed to Project Based Learning where the learning is made more effective through innovative/interdisciplinary projects. Learning is also happening through Industry attached labs.. The students are also permitted to take up online internships & software projects. Faculty share their course materials in blogs, Whatsapp, college website, D- space for students

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	<a href="https://bmsit.ac.in/autonomous">https://bmsit.ac.in/autonomous</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Continuous Internal Evaluation (CIE) is conducted at the Institution level as per the institutional calendar of events. The following are the sequence of events adapted in order to conduct CIE. Course coordinators set the question paper as per the Institution standards which includes the CO-PO mapping,

Blooms level and course outcomes (COs), etc. The Question Papers also include Innovative and Case Study Questions. The QPs shall be scrutinized by the committee formed at the Department level before it is handed over to the Chiefcoordinator. Chief coordinator in association with Department coordinators conducts the meeting to brief the instructions to conduct CIE. Further, the same is disseminated to all faculty members of the respective department. Test coordination team prepares the time table for circulation among students which will be approved by the Chief-coordinator and the Principal. CIE is conducted as per the Calendar of events and evaluation results are sent to the students and parents within 10 days of last CIE. The QP and Scheme of Valuation is also prepared which can be accessed by the students after the test.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	<a href="https://bmsit.ac.in/circulars">https://bmsit.ac.in/circulars</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented****1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

13

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

**1.2.2 - Number of Add on /Certificate programs offered during the year****1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

24

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

2502

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The instituion has the following

1. Creation of Eco Club at Institutional Level
2. Establishment of Advanced Wastewater treatment plant and Composting Unit
3. Establishment of Rainwater Harvesting Unit and Solar Units for the Campus
4. Knowledge sharing upon Environmental issues with the school kids of Kannada Government High School, Jamaga, Haliyal Uttara Kannada district
5. Plastic Clean-up Drive inside
6. Plastic Cleanup Drive at Melkote Jan 2020.
7. Seed Bombing and Seed Sowing Activities at Horaginabetta and Arkavathi Reserve Forest
8. E-waste Awareness and Collection drive at neighbourhood:
9. Honoring societal achievers with Green Teachers Award - for 2nd year
10. Manuring and Plantation drive at Lakkappanahalli, Nelamangala and de-weeding at Aladahalli Betta
11. Organising of International Webinar on the occasion of World Environment Day .
- 12: Percentage of power requirement of the College met by the renewable energy sources Page

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field**

**work/internship during the year****301**

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships****3148**

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders  
Students Teachers Employers Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://docs.google.com/forms/d/1x8PKuqyMQ04Ubndom-Bkv0d_tJqga9bf_MqeUIRnB9w/edit#responses">https://docs.google.com/forms/d/1x8PKuqyMQ04Ubndom-Bkv0d_tJqga9bf_MqeUIRnB9w/edit#responses</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	<a href="https://bmsit.ac.in/igac">https://bmsit.ac.in/igac</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

1330

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

603

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Yes, Institution assesses the learning levels of the students based on their performance in University Examinations, Internal Assessment Tests and involvement in the class room. High performing students are identified as advanced learners and low performing students as slow learners. Various technical activities are conducted for advanced learners to enhance the scientific temper, problem solving skills and creativity of the students. The students are encouraged to participate in intra-inter college competitions, scholarship programs, to volunteer in socio-cultural activities, do research publications, internships and etc. To encourage slow learners, remedial classes are conducted wherein the faculty explains the concepts according to the students' needs. Students are given a learning atmosphere where they are supported and guided on how to improve the quality of answers, additional assignments etc. Problem-solving sessions and additional tutorials are conducted. The college organizes orientation program for the parents and the students at the commencement of the programme for the new batch every year. Every year students are given a training on communication skills, personality development, time management and motivational sessions. Skill development clubs arrange workshops with hands-on session to improve students programming skills. Advanced learners are provided opportunities to develop their creativity by participating and organizing intercollegiate as well as national level technical symposiums. The slow learners are monitored for their academic performance by the proctors and interact frequently to understand and assist any student with issues that affect their ability to learn or impede their academic success.



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

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
4316	233

File Description	Documents
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 institution encompasses various pedagogical methods. Experiential learning is a key component of the department's approach, where students undergo Internship and Project Work which provides students with valuable real-world experience. The internship program exposes students to the working culture of organizations and allows them to apply their theoretical knowledge in a practical setting. Institution has a two best practices, Project based learning and Open course. In Project Based Learning, teachers make learning come alive for students. Students work on a project in group of four or five over an extended period of time from a week up to a semester that engages them in solving a real-world problem or answering a complex question. They demonstrate their knowledge and skills by creating product or presentation. As a result, students develop deep content knowledge as well as critical thinking, collaboration, creativity and communication skills. Open course provides the knowledge about latest technologies which are not included in the curriculum. Each department offers two open courses on latest technologies in their domain in every semester and each of 25 hours duration. As a result, students develop skillsets in latest technologies and get exposure for new learning platforms. Student Centric methods like Collaborative learning, Role play, Mini projects, Modern tools like seleneium, JIRA are used for enhancing learning experience. Students are taken to industrial visit to enhance

the practical knowledge. As a part of the curriculum, students were engaged in CCAs to actively promote their skill sets and problem-solving abilities and report making.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://bmsit.ac.in/best-practice#se">https://bmsit.ac.in/best-practice#se</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

BMSIT&Madopts several innovative and creative teachinglearning methods to ensure that students have a better learning experience. One of the initiatives taken by the institute is the use of ICT-enabled tools for effective teaching-learning. All classrooms in our institute are equipped with LCD projectors, audio and video tools with internet facility. This helps students to visualize and understand the concepts clearly.

Our faculty members use teaching through models, group discussions at the classroom level, and organize intercollege and intracollege technical events. Workshops and training programs are also organized to train students in the latest technologies and enhance their skills. Our institute also focuses on providing students with learning beyond the classroom by organizing study tours, field visits, and internships. In our institute, we believe in utilizing modern technology and creative media to enhance the learning experience of our students. To achieve this, we regularly create and publish educational videos, animations, and other multimedia content on platforms such as YouTube.

The effective use of ICT-Enabled Tools and Online Resources for enhancing the teaching-learning process via digital simulations, and virtual labs. They are also equipped by digital library, online search engines and websites to prepare effective presentations. Also recording of video lectures is made available to the students for long term learning.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

196

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

233

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	No File Uploaded

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

163

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

9

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

As per University norms CIE includes CIE Test, Assignment/ Quizzes and Seminars as a formative assessment tool to assess the learning outcomes of students. The process is as follows:

1. The Institute plan the schedule for conducting CIE tests in the academic calendar.

2. Common Question Paper Pattern: The question paper pattern is made common for all programs. This helps to maintain uniformity and fairness in the evaluation process. The course coordinator also prepares scheme of evaluation of CIE question paper.

3. Syllabus Coverage: Three CIE tests conducted to assess the leaning outcome of students span across the course syllabus. The portion to be covered for each test is planned and is intimated to students at the beginning of each semester.

4. Evaluation of CIE tests will be made within a week after each test.

5. Transparency: CIE test marks are displayed on the notice board and evaluated books are shown to students.

6. CIE test marks are communicated to parents through SMS and informed in PTM also.

7. Analysis of each CIE test is done at the department level, and a suitable action plan will be prepared to improve the performance of students.

8. The analysis is reviewed in the department meetings, and appropriate changes are made to improve the system's effectiveness.

9. Quality Analysis: The quality of CIE test question paper is assured by the scrutiny committee consisting of module coordinators of each department, this helps to maintain the quality and relevance of the test questions and ensure that they measure the desired learning outcomes.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The Institute has put in place a transparent, time-bound, and efficient mechanism to deal with internal examination-related grievances. The system aims to address any concerns or grievances that students may have regarding the conduct or evaluation of internal examinations. Any student who has a grievance regarding internal examinations can approach the department's internal complaints committee. The committee provides a platform for students to raise their concerns and complaints related to internal examinations. The committee's members examine the complaints and take appropriate actions to resolve the issue within a stipulated time frame. The actions

may include conducting a re-evaluation of the answer sheet or providing an opportunity to retake the examination. The committee maintains complete confidentiality and ensures that the complaint is addressed in a fair and transparent manner. The Institute also has a Grievance Redressal Cell, which addresses grievances related to academics, administration, and other issues. The cell addresses the grievances within a stipulated time frame and takes appropriate actions to resolve the issue. The Grievance Redressal Cell maintains a record of all grievances and the actions taken to resolve them. The Institute encourages students to use these grievance redressal mechanisms to ensure that their concerns are addressed promptly and fairly. The system ensures transparency, efficiency, and accountability in dealing with internal examination-related grievances. By providing a platform for students to raise their concerns, the Institute ensures that the CIE system is fair and transparent, enabling students to focus on their studies and achieve their academic goals.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://bmsit.ac.in/coe">https://bmsit.ac.in/coe</a>

## 2.6 - Student Performance and Learning Outcomes

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

The Program Outcomes defined by National Board of Accreditation (NBA) reflect the graduate attributes. The institute follows the guidelines of the NBA in defining the Program Educational Outcomes (PEOs) and Program Specific Outcomes (PSO) for all programs. The Heads of the Department, in consultation with senior faculty members, defines the PSOs for each program. The final PEOs, and PSOs are reviewed and approved in the Department Advisory Board meeting, ensuring that all stakeholders are involved in the process. The POs, PEOs, PSOs are disseminated among all the stake holders through department faculty and staff meetings, alumni meet, parents meet, in the class rooms, orientation programs (at department level). The same are also published on department websites, department magazines, lab manuals, lab journals, course plans, class rooms, laboratories, department office etc. The Course Outcomes (CO), are defined for all the courses of the curriculum by the

respective course coordinators.

The COs of all the courses are displayed on the respective department websites for the information of students. The COs are also included in course files of the faculty and course plan. Each faculty member communicates to the student members all the COs of their course at the beginning of the semester (usually during first / second class). Thereby, students shall come to know what skills, knowledge, expertise they are going to gain at the end of the course.

COURSE OUTCOME IS REFLECTED IN THIS LINK FOR ALL THE SEMESTERS FOR 2023-24 Batch <https://bmsit.ac.in/autonomous>

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The attainment of Course Outcomes (COs) in our institution is done through a comprehensive set of assessment tools and processes. As part of the Outcome-Based Education (OBE) approach, the COs for each course is defined based on the Programme Outcomes (POs) and other requirements. At the end of each semester, the attainment of COs is assessed and evaluated to determine whether they have been achieved or not.

Direct attainment with weightage of 80% is measured by evaluating student's performance through CIE, and the Semester End Examination. The weightage given to each of the assessment tools is as per university guidelines/scheme. Indirect assessment of COs is through course exit survey/course satisfaction survey.

A weightage of 20% is given to indirect assessment. Attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs) are done using both direct and indirect assessment tools. The direct attainment of COs in each course is mapped to the

relevant POs and PSOs. The attainment levels for each PO and PSO are calculated by taking a weighted average of the attainment of all the contributing COs. Indirect assessment of POs and PSOs is done through exit surveystaken from the outgoing batch students. These surveys provide valuable feedback on theattainment of POs and PSOs from the students' perspective. The weightages for direct and indirect assessments are defined to determine the overall attainment of POs and PSOs.

Sample : Program Outcomes and Course Outcomes are reflected in the document uplaoded for 2023-24 batch in the Institution Website.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://bmsit.ac.in/autonomous">https://bmsit.ac.in/autonomous</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

846

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 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)

[https://bmsit.ac.in/public/assets/pdf/igac/NAAC SURVEY 2023-24.](https://bmsit.ac.in/public/assets/pdf/igac/NAAC_SURVEY_2023-24.)



[pdf](#)**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****118.98**

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)****3.1.2.1 - Number of teachers recognized as research guides****130**

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year****3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year****5**

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

BMSIT&M established BICEP - BMS Innovation Centre and Entrepreneurship Park - Incubation centre to encourage students and faculties to catalyse development of innovation-driven enterprises. The Centre has been recognized and approved as the Host Institute to set up a Business Incubator (BI) by the Ministry of MSME, Govt. of India. It is recognised as Institute Innovation Council (IIC) by ministry of education, Govt. of India since 2018 and have been rated annually up to 4.5 out of 5 stars. NIRF positioned BMSIT&M in the band of 151-300 in the innovation category. BICEP is supported with Aarohan - hardware innovation laboratory with all tools and components for hardware innovative projects. Aarohan houses CoE of UAV and E-Yantra robotics (IIT Mumbai). Financial support is extended to students and faculty.

Innovation: To pave path for entrepreneurship through innovation, institute have policies in place to support faculty and students for prototyping and National/State level participation.

1. Seed fund of Rs. 5,62,345/- lakhs to 9 faculty driven hardware innovative projects.

2. Seed fund of Rs.4,07,195/- lakhs to 30+ student's teams for competition

3. Upgradation of Aarohan Rs. 2,89,100/- lakhs invested to make prototyping accessible on campus to students and faculty.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://bmsit.ac.in/incubation-centre">https://bmsit.ac.in/incubation-centre</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

8

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	<a href="https://bmsit.ac.in/research">https://bmsit.ac.in/research</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

151

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

209

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year.

Some of the extension activities carried out by the students are: 1. Development and managing efficient garbage disposal system: Initiatives for waste segregation, recycling promotion, and waste management awareness.

2. Swachh Bharat Abhiyan: Participation in cleanliness campaigns, public space cleaning, and hygiene awareness programs. Nearly 170+ students took up the initiatives as Volunteers.

3. Improving education quality in villages: Students have contributed in enhancing the quality of education in rural areas. They organized teaching sessions, provide educational

resources, or mentor students to improve their learning outcomes.

4. Blood Donation and Health Check Up: 1000+ students and staff actively involved in blood donation and around 370 Units of blood was collected which helped 1116+ needy patients..Nearly 220 staff and students benefited from Health Check up camp

5.Organic Farming - Workshop Conducted on 2nd July 2024by Mr.Sudhara Karan where 60 students of BMSIT participated.

NCC BMSIT has been engaged in National level camps such as RDC,TSC, Army Attachment Camp, SNIC etc., and also grooming the young engineers into disciplined & patriotic citizens of the nation and motivating them to take up a career in the Indian Armed Forces. We have authorized strength of 52 cadets out of which, we have SD- 29 (Boys) and SW - 23(Girls) cadets.

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

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

8

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

21

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

3550

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

604

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<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 equipment etc.

The campus is spread over 22 acres. The built-up area is 60,115 Sq.mts. BMSIT has 68 well equipped laboratories catering to the needs of UG and PG students and research scholars. The institution continues to augment new infrastructure and those essential to renovate the existing ones. An amount of 20.13 crores have been expended towards infrastructure augmentation and purchase of e-resources respectively during the assessment period. BMSIT has 57 class rooms equipped with a ubiquitous ICT facility. E-studio with state-of-the-art hardware and software for video and audio recording and editing has been established. The existing bandwidth of the intranet is 1.2 GBPS. 24/7 Internet facility at college and hostels, 5 High end servers,

1250 computers on network and 60 printers, 08 licensed system and 60 application software. The Library resources are housed in a spacious building (1712 Sq. Mt.), The seating capacity of 223 users at a time. The library has a collection of 65,971 volumes and 15,208 titles. The library has access to international databases: 12,916 e-journals and access to 47,913 e-books. The library is subscribed to 125 printed technical journals and 621 NPTEL Lectures and streamed using intranet. Apart from the central library, departmental libraries of engineering, MBA and MCA provide for immediate reference. Centre of Excellence/Incubation/Propel Labs, workshops, Language laboratory, auditoriums, separate hostels for men and women, on-campus health centre, Student counsellor Cell, NSS Room are established.

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

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

BMSIT&M places a high emphasis on the role of sports and physical education in shaping the overall development of its students. We believe that participation in sports not only fosters physical health but also cultivates essential life skills such as teamwork, leadership, and resilience. The Institute is equipped with a variety of sports facilities designed to cater to the interests of our diverse student body.

The Indoor games facilities are Badminton Courts, Table Tennis Facilities, Multipurpose Gymnasium and the outdoor games are Football Ground, Cricket Ground, Basketball Courts, Volleyball Courts, Athletic Track. The institute has achieved notable successes in various sporting events, which include: Securing multiple awards in inter-college sports competitions, showcasing talent in sports like cricket, basketball, and athletics. Recognizing outstanding athletes from our college who have earned accolades at state and national levels. Establishing a tradition of a strong sports culture, with increasing participation and enthusiasm from students every year.



BMSIT&M is committed to maximizing the utilization of sports to enrich the student experience. By integrating sports into the fabric of campus life, we aim to develop not only skilled athletes but well-rounded individuals prepared for future challenges. With continuous improvement and investment in sports programs, we envision a thriving campus where every student has the opportunity to engage in sports, excel in their studies, and grow as individuals

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

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

65

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

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

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

6226.9

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The Library at the BMSIT&M is automated with KOHA(Koha Integrated Library System).

Koha is a feature rich, free and open-source library integrated management software being used since 2014 in BMSIT&M. It is being managed and administered by the librarian himself. It is in use worldwide in libraries of all sizes, Koha is a true enterprise-class ILS with comprehensive functionality including basic and advanced options. Koha includes modules for acquisitions, circulation, cataloging, serial management, authorities, flexible reporting, label printing, multi-format notices, offline circulation for when Internet access is not available, and much more. Koha will work for consortia of all sizes, multi-branch, and single-branch libraries. Koha - OPAC is one of the modules available for the use of library patrons. It helps them search for any item of their interest and come to know whether the item is available in the library is on the shelf or in circulation. One can find out the location of the items he / she searches and reach the location with the help of Subject index list, Bay Guides etc. One can know what all the items are borrowed by them and when they are due. Check the fine amount paid by them.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	<a href="https://bmsit.ac.in/library">https://bmsit.ac.in/library</a>

<b>4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources</b>	<b>A. Any 4 or more of the above</b>
--	--------------------------------------

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

##### **4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**32.29**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Audited statements of accounts	<b>No File Uploaded</b>
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 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

##### **4.2.4.1 - Number of teachers and students using library per day over last one year**

**226**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Details of library usage by teachers and students	<a href="#">View File</a>

#### **4.3 - IT Infrastructure**

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

A description of the IT facilities @ BMSIT&M:

1. Two(2)Giga Bandwidth: This facility offers a high-speed internet connection with a bandwidth of 2 gigabits per second (Gbps). This ensures fast data transfer rates, supporting high-demand applications, video conferencing, and large file transfers.

2. 300 WiFi Access Points: The network includes 300 + WiFi access points, POE switches, Non-POE switches providing extensive coverage and connectivity across the premises. This ensures that users can connect to the internet from almost anywhere within the facility.

3. FortiGate Firewall: The FortiGate firewall is a next-generation firewall (NGFW) that provides advanced security features. It protects the network from various threats, including malware, ransomware, and cyber-attacks, by filtering incoming and outgoing traffic.

4. Authentication Server: The authentication server manages user access to the network. It verifies the identity of users and devices, ensuring that only authorized personnel can access the network resources. This helps maintain network security and prevent unauthorized access. These facilities together create a robust and secure IT infrastructure, capable of supporting a large number of users and high-bandwidth applications while ensuring data security and network integrity.

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

4.3.2 - Number of Computers

1250

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	No File Uploaded

**4.3.3 - Bandwidth of internet connection in the Institution** A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)**

**4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

6226.9

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

BMSIT&M has extensive Infrastructure spread over 22 acres with a built up Area - 60155 Sq.Mts. The infrastructure comprises of labs, classrooms, Data Centre, Centres of Excellence, Incubation Centres, Language Laboratory, Examination Centre, e-Studio, Placement Centre, Hostels, Library, ICD, Ladies Common Room, Cafeteria, Sports and Cultural Facilities.

The Building Section oversees construction and maintenance of physical infrastructure. The Building Section ensures construction quality and review. General Insurance coverage for Building, Furniture, fixture and equipment's are provided.

The Library Committee suggest measures for improvement and maintenance of Library resources and services. The library has OPAC for easy search of books.

The total power taken from Electricity Board is 400 KVA. Back Up Power of 820 KVA is met through DG Set. The Back Up power supply is through UPS (500 KVA). The DG Set and UPC is maintained through AMC.

Centralized RO Drinking Water Systems of capacity 250 LPH (01 Units), 500 LPH (01 Units) and 50 LPH (05 Units) have been established in all the buildings to cater for safe drinking water.

Fire utility services have been installed at various locations as per the regulatory norms. Exit signs and floor indicators are provided at important locations. The Telephone, STD, ISD, Telefax facilities are available on campus. Intercom facility with 61 extensions is provided. Maintenance and repair are undertaken through AMC.

The Hostels are installed with CCTV to monitor the movements. The Data Centre monitors the Campus Wide Networking (CWN) facility and also looks after the maintenance of ICT Tools.

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

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1318

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

76

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

980

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

980

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

A. All of the above



File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

731

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

51

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

**government examinations)****5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

51

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

22

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

**BMS Institute of Technology and Management (BMSIT&M) provides opportunities for students to represent and engage in the**

following areas:

1. Board of Governance (BoG): Student representatives participate in BoG meetings, offering valuable insights and contributing to decision-making processes.
2. Cultural Events: Students organize and participate in vibrant cultural events, showcasing their artistic talents and fostering camaraderie through music, dance, drama, and festivals.
3. Sports Events: The institute encourages participation in sports through interdepartmental and intercollegiate competitions, promoting physical fitness and team spirit.
4. Annual Technical Events: Students are key in organizing flagship technical festivals and hackathons, providing a platform for innovation and knowledge sharing.
5. Tech Transform Event: This event highlights technical advancements and projects developed by students, emphasizing creativity and problem-solving skills.
6. Board of Studies (BoS) Meetings: Students contribute to curriculum development by providing feedback and suggestions during BoS meetings, ensuring the relevance of academic programs.
7. Entrepreneurship-Related Activities: Through the Entrepreneurship Development Cell (EDC), students explore business ideas, attend workshops, and interact with industry mentors to cultivate entrepreneurial skills.
8. Environment-Related Activities: Students actively participate in initiatives like tree plantations, waste management drives, and awareness campaigns, promoting sustainability and environmental responsibility.
9. Students will be invited to participate in Academic Council, IQAC and Hostel Committees.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the**

**Institution participated during the year**

19

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, the Alumni association has been registered with registration number: SOR/GNR/229/2016-17 (Government of Karnataka) The Alumni Association was initially started in 2013 and was officially registered with the Registrar of Societies in 2015. The objective is to bring the entire alumnus under one common roof, thus creating a strong network between the Alma mater and the alumnus.

Alumni association is striving to encourage the alumni to take an active interest in the work and progress of the institution by establishing regular engagement between the institution and the alumni. We have planned to establish practices, to recognize outstanding social and community services rendered by the alumni, to provide career guidance to our existing students from the alumni, and more.

Alumni association aim to enrich both the current diaspora and the alumnus through constant interaction and knowledge sharing. The Annual Alumni Meet is conducted by us on the last Saturday of January every year. The association is looking at innovative ways to connect and grow The Official Alumni Network of BMS Institute of Technology and Management (bmsit.ac.in)

File Description	Documents
Paste link for additional information	<a href="https://alumni.bmsit.ac.in/">https://alumni.bmsit.ac.in/</a>
Upload any additional information	No File Uploaded

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>A. ? 5Lakhs</b>
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File Description	Documents
Upload any additional information	No File Uploaded

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

**Vision:** To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

**Mission:** Accomplish stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.

The governance and leadership at BMS Institute of Technology and Management (BMSIT&M) are closely aligned with the institution’s Vision and Mission, adopting a decentralized and participatory approach to foster effective institutional practices. Governance at BMSIT&M involves active collaboration among management, faculty, and stakeholders, ensuring inclusivity, shared responsibility, and the achievement of institutional goals. This inclusive approach aims to develop students into professionals with not only technical competence but also managerial skills and strong ethical values. BMSIT&M’s primary objective is to prepare students to meet the dynamic needs of industry and society. Its Vision and Mission distinctly reflect a commitment to addressing the needs of students and the community, highlighting the institution’s unique identity. By adhering to these governance practices, BMSIT&M consistently upholds excellence, shaping graduates who

are well-prepared to contribute meaningfully to both their professional fields and society at large.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The top management approves the strategic plan and establishes policy guidelines, while the departments and sections are tasked with implementing corresponding medium- and short-term plans to achieve the strategic objectives. Although all departments are granted significant academic, administrative, and financial autonomy in executing these plans, they are encouraged to ensure that their actions align with institutional norms. As a result, despite decentralization, the system remains well-coordinated.

The system broadly operates as follows:

**Academic Autonomy:** Each department has the freedom to develop its academic plans, allocate available resources, implement those plans, and monitor their outcomes. Departments are responsible for preparing academic calendars, lesson plans, refining teaching methodologies, conducting internal examinations, and organizing co-curricular and extracurricular activities.

**Administrative Autonomy:** The Principal, who represents the management, is delegated substantial authority by the Board of Governors (BoG) for efficient and effective administration. The Principal, in turn, shares administrative responsibilities with the Vice Principal, three Deans, Heads of Departments (HoDs), Cluster heads and other sections heads, enabling them to function independently

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

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan has been developed by considering the Vision of Institution. Initially ,SWOC analysis has been done to develop the Strategic plan at the Dept level.By considering the SWOC analysis and strategic plan of all the Departments, Institute level SWOC analysis and Strategic plan have been prepared. Same has been approved by the Academic Council and Board of Governence.

For every action item realted to Short and Long term goals, Institute has identified the stakeholders to execute the action plan.

SWOC analysis and Strategic plan documentis available in the following link:

[https://bmsit.ac.in/public/assets/pdf/Strategic\\_Plan\\_2024-2029\\_BMSIT.pdf](https://bmsit.ac.in/public/assets/pdf/Strategic_Plan_2024-2029_BMSIT.pdf)

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/Strategic_Plan_2024-2029_BMSIT.pdf">https://bmsit.ac.in/public/assets/pdf/Strategic_Plan_2024-2029_BMSIT.pdf</a>
Upload any additional information	No File Uploaded

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

The functioning of institutional bodies at BMSIT is highly effective and efficient, as reflected in its well-defined

policies, robust administrative framework, and comprehensive rules for appointment and services. The governance of the institution is structured to ensure smooth coordination between various administrative and academic departments. The principal, acting as the chief executive officer, provides leadership in academic administration and liaises with the Board of Governors (BoG) to align institutional goals with strategic objectives. To maintain transparency and accountability, the principal shares administrative responsibilities with the vice principal, deans, and heads of departments (HoDs).

The institution has established clear guidelines on faculty and staff roles, responsibilities, and performance measurement. These norms encourage a professional, ethical, and collaborative environment. Faculty members are expected to adhere to high standards in teaching, research, and student engagement, while staff members are tasked with ensuring operational efficiency and confidentiality in their duties.

Additionally, BMSIT promotes research and academic excellence by providing financial assistance for professional development, offering cash incentives for research publications, and supporting participation in national and international conferences. The institution also extends welfare benefits such as medical coverage, festival advances, and gratuity, demonstrating a commitment to staff well-being.

This systematic approach ensures that the institution remains well-balanced despite decentralization, fostering autonomy while maintaining consistency with its overarching policies and goals.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/proceedings">https://bmsit.ac.in/proceedings</a>
Link to Organogram of the institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

<b>6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
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File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<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

The institutional bodies at BMSIT function effectively and efficiently, ensuring robust welfare policies and administrative systems. The management extends various welfare measures to staff, including festival advances of ₹25,000, interest-free laptop loans of up to ₹50,000, and concessional fees for the education of employees' children under the management quota. Additionally, a medical insurance policy covers up to ₹2,00,000 annually, with enhanced coverage of ₹3,00,000 in case of accidental death.

The institute also provides subsidized residential accommodations, family welfare fund benefits, and leave encashment. These comprehensive policies contribute to a supportive and well-organized institutional framework. Performance-Based Appraisal Systems (PBAS) are crucial for managing human resources in educational institutions.

At BMSIT&M, teachers play a pivotal role in student development. To evaluate and enhance their performance, a robust PBAS has been in place for five years. To further improve academic and research outcomes, a new PBAS was implemented on July 1, 2023. All annual increment applications due from this date are assessed under PBAS-2023. The assessment period for each faculty member covers the 12 months preceding their increment date.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/proceedings">https://bmsit.ac.in/proceedings</a>
Upload any additional information	<a href="#">View File</a>

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

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

27

File Description	Documents
Upload any additional information	No File Uploaded
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 programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

178

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

BMS Institute of Technology and Management (BMSIT&M) has introduced a Performance-Based Appraisal System (PBAS) for teaching and non-teaching staff, effective from July 1, 2023.

This initiative aims to enhance institutional performance by fostering the professional development of employees.

Teaching Staff: The PBAS for teaching staff follows UGC guidelines, focusing on three key areas:

1. Teaching, Learning, and Evaluation - Evaluates teaching quality, student feedback, and adherence to academic schedules.
2. Research and Academic Contributions - Assesses research publications, conference participation, and curriculum development contributions.
3. Professional Development - Recognizes engagement in workshops and seminars.

Faculty members must submit an Annual Self-Assessment via the PBAS proforma, detailing their achievements. The assessment period covers the 12 months preceding the annual increment due date, ensuring merit-based promotions and fostering excellence in teaching and research.

Non-Teaching Staff: Acknowledging their critical role, a tailored PBAS assesses non-teaching staff on:

1. Work Efficiency and Quality - Reviews task completion, accuracy, and timelines.
2. Professional Conduct and Team Collaboration - Evaluates interpersonal skills, teamwork, and work environment contributions.
3. Skill Development - Encourages participation in relevant training programs.

Annual performance reviews for non-teaching staff mirror the timeline of teaching staff. This system ensures fair assessments, constructive feedback, and professional growth opportunities, contributing to institutional excellence.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/proceedings/Performance%20Based%20Appraisal%20System.pdf">https://bmsit.ac.in/public/assets/pdf/proceedings/Performance%20Based%20Appraisal%20System.pdf</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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

BMS Institute of Technology and Management (BMSIT&M) ensures financial accountability and transparency by conducting regular internal and external audits.

### Internal Audit:

The institution performs internal audits to monitor financial transactions, ensure compliance with institutional policies, and prevent discrepancies. The internal audit is conducted by a dedicated internal audit committee that reviews key areas, including payroll, procurement, student fee collection, and expenditure. Any discrepancies or irregularities identified during the audit are reported to the finance committee, and corrective actions are taken promptly.

### External Audit:

An external audit is conducted annually by an independent Chartered Accountant firm. This audit covers all financial aspects, including income, expenditures, grants, and statutory compliance such as GST and TDS filings. The external auditor prepares a detailed audit report and submits it to the institution's governing body for review.

### Mechanism for Settling Audit Objections:

In case of audit objections, the finance and accounts department, in consultation with the audit committee, addresses the issues by providing clarifications or implementing corrective measures. Audit objections are resolved within a specified timeline to ensure compliance and maintain the financial integrity of the institution. Regular audits and timely resolution of audit objections uphold BMSIT&M's commitment to sound financial management.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf">https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

2341000

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

BMS Institute of Technology and Management (BMSIT&M) adopts well-defined strategies for mobilizing funds and ensuring the optimal utilization of resources to maintain financial sustainability and foster institutional growth.

The primary sources of funds include tuition fees, grants from government and non-governmental agencies, research funding, and donations from alumni and well-wishers. The institution actively collaborates with industry partners for sponsored research projects and consultancy services. Additionally, BMSIT&M participates in government schemes such as R&D funding programs, AICTE grants, and other skill development initiatives to enhance its financial base. The institution also encourages alumni contributions and endowment funds to support scholarships, infrastructure, and research development.

BMSIT&M ensures the judicious use of resources through a robust financial planning mechanism. The finance committee prepares an

annual budget that allocates funds to key areas, including academic programs, infrastructure development, research, and student welfare. A systematic procurement process is followed to ensure cost-effectiveness and quality. The institution emphasizes energy conservation by adopting eco-friendly practices such as solar power installations and water harvesting systems. Regular maintenance of infrastructure, laboratories, and equipment ensures longevity and reduces operational costs.

Resource utilization is periodically reviewed to ensure alignment with the institution's goals. Financial audits, both internal and external, are conducted to maintain accountability and transparency. By adopting these strategies, BMSIT&M ensures financial stability while providing quality education, modern infrastructure, and a conducive environment for learning and research.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf">https://bmsit.ac.in/public/assets/pdf/proceedings/AuditReport2023-24.pdf</a>
Upload any additional information	No File Uploaded

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

### Quality Assurance plan:

- **Curriculum Relevance:** The QAP ensures that the curriculum remains current with industry standards and technological advancements, which is crucial for preparing students for further studies and professional success. The syllabus is matched with the industry standards. Regular feedback is taken from the stakeholders to update the curriculum. The teaching methodology followed is OBE driven.
- **Student Preparedness:** The students are assessed based on continuous assessment in the laboratory as well as alternative assessment tests are used in theory subjects. Students are imparted with various aptitude and skill-based programs at regular intervals.
- **Continuous Improvement:** To improve teaching methodologies and learning outcomes, CIA is conducted as per the

guidelines from the institution complied with statutory body.

- **Stakeholder Engagement:** Involving faculty, industry professionals, and alumni in the review process helps align the program with real-world expectations and requirements
- **Performance Metrics:** Rubrics has been defined to evaluate all the academic artifacts of the student.

**Implementation Strategies:**

- **Regular Inspections:** Conducting periodic reviews of academic programs ensures compliance with established quality standards. An academic audit is conducted for all the departments. And meeting is conducted to understand the SWOC analysis of the department and relevant improvements are suggested
- **Documentation:** Maintaining comprehensive records of quality-related activities allows for transparency and accountability within the institution
- **Training Programs:** Providing faculty and staff with ongoing training enhances their ability to deliver quality education effectively.
- **Feedback Mechanisms:** Implementing systems for gathering feedback from students and stakeholders helps identify areas needing improvement and fosters a culture of continuous enhancement.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/iqac">https://bmsit.ac.in/iqac</a>
Upload any additional information	<b>No File Uploaded</b>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviewed its teaching-learning process with a focus on achieving program outcomes (POs) and course outcomes (COs). The Internal Quality Assurance Cell (IQAC), in consultation with academic departments, identified gaps in aligning the curriculum with industry needs and the expected graduate attributes. Feedback from stakeholders, including students, alumni, and employers, indicated the need for a



structured approach to measure learning outcomes.

File Description	Documents
Paste link for additional information	<a href="https://bmsit.ac.in/igac">https://bmsit.ac.in/igac</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<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

The BMSIT&M Women Cell strives to promote gender equity among the faculty and students at all levels of functioning. We have Gender Champion Cell, Women Empowerment Cell and Internal Complaint Committees in place for the promotion of gender equity. The institute has constituted committees for the functioning of these cells.

The Women Cell of BMSIT&M educating our students about the gender equity during first year induction program and organizing several gender equity and empowerment programmes to create awareness among the students and faculty. Further, International Women's Day is celebrated annually to recognize the social, economic, cultural, and political achievements of women and to advocate for gender equality.

The Women Empowerment Cell of BMSIT&M celebrated International Women's Day on 15/03/2024. Furthermore, the Women Cell organised orientation programmes, seminar, workshops and gender sensitivity programs to make students aware of Gender Equity, Women Health, Self-defence, Sanitation & Hygiene, Literacy, Women Entrepreneurship, Legal Awareness and other activities listed as part of AICTE. Moreover, the Gender Champion Cell of BMSIT&M is conducting the programs for young boys' and girls' to make them gender sensitive and create positive social norms that value the girls and their rights.

File Description	Documents
Annual gender sensitization action plan	<a href="https://bmsit.ac.in/public/assets/pdf/Manthana_2024_updated.pdf">https://bmsit.ac.in/public/assets/pdf/Manthana_2024_updated.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://bmsit.ac.in/hostel">https://bmsit.ac.in/hostel</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment</b>	<b>B. Any 3 of the above</b>
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid

waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The BMSIT&M employs a three-tier system for solid waste. Biodegradable waste is processed in composting units to produce organic manure for landscaping. Non-biodegradable waste, such as plastics and metals, is segregated and sent to authorized recycling units. Dedicated bins ensure efficient segregation at the source.

A sewage treatment plant (STP) is in place to treat wastewater. The treated water is reused for gardening, cleaning, and other non-potable purposes, reducing freshwater consumption.

Electronic waste is collected periodically and sent to government-approved recycling agencies. Awareness campaigns encourage responsible disposal of e-waste. Recycling initiatives include paper recycling, composting of organic waste, and reusing treated wastewater.

Workshops promote sustainability among students and staff. Hazardous chemicals are neutralized in designated places before disposal. This comprehensive waste management framework reflects the institution's commitment to sustainability and environmental stewardship.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<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**

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<p><b>A. Any 4 or All of the above</b></p>
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File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

<p><b>7.1.6.1 - The institutional environment and energy initiatives 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</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).</p>
<p><b>BMS Institute of Technology &amp; Management (BMSIT&amp;M) actively promotes inclusivity and social responsibility through various impactful initiatives fostering tolerance, harmony, and societal well-being. The institution celebrates events such as</b></p>

Independence Day, Constitution Day, Gandhi Jayanti, Kannada Rajyotsava, Republic Day, and International Women’s Day to encourage unity among students, staff, and stakeholders. Ethnic Day showcases community inclusiveness, with students and faculty wearing traditional attire.

Flagship events like Utsaha Vaibhava and Milanotsava bring together students from diverse backgrounds, fostering collaboration and showcasing talent. Social initiatives include Harmony in Generation, where students visited an old age home to provide rations and engage with residents, building intergenerational connections. During Anti-Vigilance Week, the street play Unmasking the Shadows creatively raised awareness about corruption and ethical conduct.

Educational and health initiatives reflect the institute's outreach efforts. The Book Distribution Drive provided 1,600 books and 600 packs of pencils to underprivileged students, supporting educational accessibility. The Dengue Vigilance and Prevention Initiative educated government school students about public health. In collaboration with Lions Blood Bank, the blood donation drive saw 380 donors, demonstrating unity across cultural, regional, and socioeconomic lines.

These initiatives exemplify BMSIT&M’s commitment to fostering unity, cultural harmony, and addressing pressing societal challenges, creating an inclusive and empathetic environment.

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>
Any other relevant information	No File Uploaded

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

BMS Institute of Technology & Management (BMSIT&M) actively engages its community in initiatives that reflect and promote the values enshrined in the Constitution of India, aiming to develop socially responsible citizens. Through NSS, NCC, Rotoract and various student clubs, activities sensitizing students on constitutional rights, values, duties and responsibilities is conducted on regular basis. Independence

Day, Republic Day, Engineers day, Ambedkar Jayanth, Gandhi Jayanthi, Indian Constitution Day, International Yoga Day, National Unity Day, Swatch Bharat Awareness campaign, women's day, National Sports day, Blood Donation Camps, are some of the major activities / events conducted.

On Constitution Day, BMSIT&M emphasized democratic values through Preamble readings and discussions on rights and duties. This event fostered an appreciation for constitutional principles, encouraging students to reflect on their roles in upholding democracy. The same day, students participated in a candlelight march to honor the heroes of the 26/11 Mumbai attack, held at Major Sandeep Unnikrishnan Road, Yelahanka. This solemn tribute fostered empathy and social responsibility, uniting students around issues of national importance and remembrance.

Through these activities, BMSIT&M instils values of empathy, environmental consciousness, and patriotism, guiding students toward active citizenship and the responsible exercise of their rights and duties as per the Indian Constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://docs.google.com/document/d/1ES1XJLj0KSD6g9ktOmeDqgMZvUM1nksOTAgAbUJeo9o/edit?usp=sharing">https://docs.google.com/document/d/1ES1XJLj0KSD6g9ktOmeDqgMZvUM1nksOTAgAbUJeo9o/edit?usp=sharing</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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**  
**4. Annual awareness programmes on 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 programs 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

BMS Institute of Technology & Management (BMSIT&M) fosters unity, cultural appreciation, and wellness by celebrating national and international commemorative days. These events inspire patriotism, respect for heritage, and community spirit among students, faculty, and staff.

The 77th Independence Day (August 15, 2023) was marked with patriotic fervor, celebrating India's heritage. Anti-Ragging Week raised awareness about the seriousness of ragging through various events. National Sports Day, commemorating Major Dhyan Chand's birth anniversary, promoted teamwork and celebrated India's athletic legacy.

Teachers' Day honored educators' dedication, while Engineers Day, a tribute to Sir Mokshagundam Visvesvaraya, featured talks inspiring students to reflect on engineers' roles in a changing world. Kannada Rajyotsava celebrated Karnataka's rich cultural heritage with flag hoisting and traditional performances, while the Kannada Festival hosted competitions promoting regional pride.

Republic Day was observed to instill unity and cultural respect, and International Women's Day raised awareness about gender equality and women's rights. On World No Tobacco Day, the NSS wing, in collaboration with Oracle CSR and the Indian Cancer Society, organized an awareness program highlighting tobacco's dangers.

International Yoga Day featured a collaborative session with the NSS, promoting physical and mental wellness. These



initiatives underscore BMSIT&M's commitment to fostering a cohesive, inspiring, and inclusive environment that celebrates cultural heritage and prioritizes social responsibility.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### Best Practice 1: Project-Based Learning (PBL)

**Objective:** PBL aims to foster innovation, independent learning, and critical thinking by engaging students in real-world projects. It enhances problem-solving skills, teamwork, and interdisciplinary collaboration, bridging the gap between theory and practice.

**Practice:** In groups of 3-4, students choose projects every semester aligned with their curriculum or interests. Faculty mentors guide them through problem identification and solution design. Projects range from software and hardware development to addressing societal issues.

**Success:** Students have developed award-winning projects, leading to patents and industry collaborations. Feedback highlights improved technical skills, teamwork, and employability.

**Challenges:** Balancing PBL with academic workload, resource limitations, and varied student motivation. Solutions include investments in labs, software, and faculty development.

### Best Practice 2: Outcome-Based Education (OBE)

**Objective:** OBE aligns education with measurable learning outcomes that meet industry and societal needs, emphasizing

technical knowledge, professional skills, and ethical values. It promotes continuous improvement and lifelong learning.

**Practice:** Each program and course defines clear Program Educational Objectives (PEOs), Program Outcomes (POs), and Course Outcomes (COs). OBE involves curriculum design, innovative teaching methods, continuous assessment, and using data for improvement.

**Success:** OBE has led to higher employability, better academic performance, and national accreditation. Positive feedback from industry partners confirms graduates' industry readiness.

**Challenges:** Resistance to change and developing assessment tools for higher-order skills. Solutions include faculty development and investment in technology for outcome mapping and assessments.

File Description	Documents
Best practices in the Institutional website	<a href="https://bmsit.ac.in/best-practice">https://bmsit.ac.in/best-practice</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

BMSIT&M fosters innovation and entrepreneurship through its BMS Innovation Centre and Entrepreneurship Park (BICEP), an incubation center aimed at nurturing innovation-driven enterprises. Recognized by the Ministry of MSME and the Ministry of Education, BICEP supports students and faculty with mentoring, training, space, networking, and financial aid for innovative projects and competitions. It houses Aarohan, a hardware innovation lab with tools for prototyping and focuses on areas like UAV and robotics in collaboration with IIT Mumbai.

BICEP offers training in business planning, entrepreneurship, marketing, IP, and idea pitching, supported by over 20 mentors with diverse expertise. The center also provides seed funding for faculty and student projects, totaling over Rs. 9.6 lakhs. Notable outcomes include cash awards of Rs. 21.85 lakhs for 40+

teams at state and national competitions, and successful startups in waste management, EdTech, drones, and IT services.

Current incubates include DOSTBIN Solutions Pvt Ltd., winner of the IIT Madras carbon zero challenge, DELOAI Pvt Ltd., a Smart India Hackathon winner, and Bhisma's Aero Pvt Ltd., certified by the DGCA. BICEP's comprehensive support has enabled these startups to thrive, securing recognition and funding from initiatives like Karnataka Startup Elevate and Startup India.

In conclusion, BMSIT&M's BICEP provides a dynamic platform for entrepreneurship, equipping students and faculty with the tools to succeed in the competitive business landscape.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

1. Efforts towards NIRF Ranking
2. NBA Accreditation for all the eligible programs in Tier 1 format
3. Improvement in quality of publications and
4. To provide ecosystem to get more Research grants from national funding agencies.
4. Motivating students to takeup startup as a career.
5. Attracting more number of product-based Companies with better packages.
6. Enhancing Institute-Industry Interaction.
7. Organize regular faculty development programs to enhance teaching methodologies, integrate technology in the classroom and promote research-oriented approaches to ensure a high-quality and student-centric learning experience.
8. Initiate Foreign collaboration towards students and faculty exchange programs.

