YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT
• Name of the Head of the institution	DR YADAVALLI BASAVARAJ
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08392237150
• Alternate phone No.	08392237180
• Mobile No. (Principal)	9448755268
• Registered e-mail ID (Principal)	bitmbly@gmail.com
• Address	#873/2, JNANA GANGOTRI CAMPUS, BALLARI HOSAPETE ROAD, NEAR ALLIPUR, BALLARI
• City/Town	BALLARI
• State/UT	KARNATAKA
• Pin Code	583104
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	07/09/2021
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**DR. N. GURURAJ**
• Phone No.	**08392237100**
• Mobile No:	**9448695476**
• IQAC e-mail ID	**bitmiqac@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://bitm.edu.in/wp-content/uploads/2023/05/AQAR-REPORT-2020-21.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://bitm.edu.in/wp-content/uploads/2023/05/ACADEMIC-CALENDAR-2021-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.66**	**2015**	**25/06/2015**	**24/06/2020**
Cycle 2	**A+**	**3.27**	**2021**	**02/02/2021**	**01/02/2026**

6.Date of Establishment of IQAC	**01/07/2015**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
MECHANICAL	**MODROBS**	**GOVERNMENT OF KARNATAKA**	**20/07/2020**	**980392**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**04**	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

analyzed the academic results and devised an action plan for improvements for the next academic results

Constant encouragement to promote research aptitude, policies, research ethics among faculty members, Scholars & students

Reviewed placement activity, subsequently, planning and execution of various technical, soft skill, and aptitude training programs

Organization of the series of webinars for students in collaboration with different departments of College to sensitize the students towards the Indian Democracy and civil society, philosophical aspects, curricular aspects and environmental aspects.

IQAC conducted various extension & Social Responsibility activities through NSS unit.

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

Plan of Action	Achievements/Outcomes
Planning for academic activities and action plan for academic improvements.	Academic improvements achieved in terms of improving teaching learning process and improved results
Implementation of New Curriculum as per NEP	Implemented New syllabus for First year courses as per NEP guidelines.
Planning for student's internship programs.	Students were supported to get internships and internships completed successfully for many students.
Planning Placement Related activities.	Training programs were conducted on aptitude, soft skill and technical training, resulting in improved placement.
Planning for Feedback from stake holders.	Feedback received analyzed and action taken.

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
GOVERNING BODY	17/06/2023

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

- Year

Year	Date of Submission
2021-22	04/01/2023

15.Multidisciplinary / interdisciplinary

The Institution has revamped the scheme and syllabus and provided

enough flexibility for the students to select courses from other departments in the form of open electives. The students can undertake additional 18 credits for the award of minor degrees.

The scheme and syllabus of the first year comprises of courses from engineering and technology, humanities, basic sciences and Arts. Students are mandated to undertake certification courses from NPTEL/ Infosys Spring board, Coursera and other massive online courses which is from the other disciplines.

16.Academic bank of credits (ABC):

Institution has adopted the policy of Academic Bank of Credits in-line with Visvesvaraya Technological University - Belagavi. The Institution has formulated necessary flexibility for the cross movement of students from one institution to another by porting the credits earned by the students. The student can also take an year of sabbatical to pursue his entrepreneurship and any other interest of his choice without effecting the progress of the student.

The institution offers the students into multiple entry and multiple exit scheme in the program.

17.Skill development:

The institution has created an extensive training plan to provide skill development courses from the entry of the student till his completion. The Institution has setup several Centre of excellence and has augmented ability enhancement courses in the scheme as well as in the syllabus. The students undergo Skill certification courses from NPTEL, Infosys Spring board, IIMB Certifications and other MOOC courses. The Institution has mandated the Students to undergo internship in the 1st year for 2 weeks, 2nd year for 4 weeks and final year internship for 6 weeks for industry exposure and skill enhancement.

The Institution has signed MoU with UI-Path, Robotic Process Automation, Infosys Campus Connect, e-yantra Robotics, TVS Harita Techserv, NI-Lab View, Sai CAD, Bengaluru. The institute has Industry connect with Wipro, Virtusa & Test Yantra Solutions for rolling out Skill Development courses which leads to employment.

The Institution has established New Age Incubation Centre and Deshpande Foundation for Startups for incubating student ideas. Out of Ten projects, 3 projects are incubated.

The training plan below depicts the skill development courses

planned for the students.

Skill Enhancement Plan - Campus to Corporate (C2C)

Year	Skill Enhancement Program	Semester	Duration
1st year	"Intensive C Language Skill Enhancement Program" (Hybrid sessions - Hands on and classroom sessions)	2nd semester vacations	3 Weeks Program
2nd year	Professional Soft Skills (with lots of engagement activities)	3rd semester vacations	1 week Program
	Basic Aptitude skills & advance soft skills	4th semester	2 week Program
	Training on Advance Technologies	4th semester vacations	3 Weeks Program
3rd Year	Mastery in Advance Aptitude	5th Semester	1 Week Program

	(Logical thinking, Verbal Ability & Quantitative ability)		
	Department Related Programs 1.CSE,AIML,CSE(DS),CSE(AI) ECE EEE - Wipro JAVA Full stack/Virtusa-Intelligent Automation Testing/Robotic Process Automation-Automation Anywhere University-USA 2.Mech - FMS/NX/Catia V5 3.ECE EEE - Automotive Electronics 4.Civil - ETabs, CYPE, E-Survey 5.ECE - Embeded / Robotics	5th Semester	6/8 Weeks Program
4th year	Company Specific Trainings, Mock Tests, Mock Interviews	6th Semester vacations & 7th Semester	2 to 4 Week
	Research / Industry Internship	8th Semester	4 Weeks Program

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

All the freshers have to compulsory undergo 15 days of induction program. The induction program extensively covers about Indian knowledge system and Indian culture. The students are highlighted about the contribution of ancient Knowledge to the World in the form of Yoga, Upanishads, Vedas and Bhagavad-Gita. The Induction Programme imbibes about respecting the sentiments of all the caste and religions through Universal Human Values and Universal acceptance.

Institution has deputed 10 faculty members to undergo extensive course on Universal Human Values and One Credit is allotted for the Universal Human Values in the curriculum. The faculty members have translated few Books/Chapters into local languages.

The Institution has adopted bi-lingual teaching methodology to the students of Rural areas. All the students are mandated to learn Kannada language and One credit is allotted for the same.

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

The Institution has augmented contineo outcome based education software module to manage the data and continuously monitor the outcomes of the students.

The assessment process is carried out by the institution using one or more processes that identify, Collect and prepare data to evaluate the attainment of the course outcomes (COs). For each course 4 to 6 Course outcomes are defined by the faculty, and the articulation matrix is prepared to map the Course Outcomes to the Program Outcomes (POs) and the Program Specific Outcomes (PSOs). From the articulation matrix, the expected PO and PSO attainment level is calculated. The assessment process for the attainment of

outcome is carried out by using Direct and Indirect Assessment tools.

The direct Assessment tools used are:

- Internal Tests, Semester End Examinations, Quiz, Assignments, Seminars, Main and Mini Projects

The Indirect Assessment tools used are:

- Employer Survey, Alumni Survey, Graduate Exit Survey, Course End Survey, Target levels for each Course Outcomes (COs) are set by the respective course faculty, attainment of COs is assessed using any or all of the above direct assessment tools. The attainment of the COs is compared with the target value which is fixed initially.

Appropriate weightage is defined for Direct attainment and Indirect Attainment. In our Institution 80% weightage is given to Direct attainment and 20% weightage for Indirect attainment. The respective course faculty for the course based on the past students' performance may fix the threshold and target levels of the COs.

The outcomes of the students are regularly measured and necessary interventions are carried-out for the continuous assessment and growth of students.

20.Distance education/online education:

The students are required to undergo online certification courses in the form of assignments. The institution is acting as a Digital Nosal Centre for NPTEL and extensively uses Infosys Springboard platform for Self-Learning Certification courses. The Institution has setup a self-learning e-resource center, where the students can access e-resources in the form of online courses and self-learning modules. The institution subscribes to e-journals and e-books for extensive research and self-learning. The Institution was recognized by Infosys Ltd. for being the top 10 user of Online Infosys Springboard platform. The institution has facilitated honors degree by which the student has to undergo 18 credits of online NPTEL certification courses.

Extended Profile

1.Programme

1.1   **7**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1   **3446**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   **946**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **843**

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   **349**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **233**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**7**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	**3446**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	**946**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	**843**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1	**349**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2 Number of full-time teachers during the year:	**233**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	**252**
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**314**
4.2 Total number of Classrooms and Seminar halls	**71**
4.3 Total number of computers on campus for academic purposes	**923**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**169.62**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Design of curricula has been done as per the guidelines of AICTE and affiliating University. Vision and Mission of the institute, feedback of stakeholders and local/ national/ regional/ global developmental needs of the society are taken into account while framing the curricula for undergraduate and post graduate programs.

The institution strives to serve the nation and beyond by offering value-based quality education and outcome-based learning.Programme Outcomes are framedbased on the graduate attributes. Program Specific Outcomes for each program have been formulated to ensure the attainment of domain-specific knowledge and skills in relation with course outcomes. Choice Based Credit System (CBCS) oriented curriculum framed by internal faculty experts are then reviewed and approved by Boards of Studies and Academic Council.

Courses are offered under various categories such as Humanities and Social Science, Basic Science, Engineering Science, Professional Core, Professional Elective, Open Elective Courses, mini and major projects,Professional Ethics and Universal Human Values. Open electives offered by the various programs enhance the multidisciplinary skills. Technical report writing, Technical Seminars enhance written and verbal communication skills. Students are encouraged to do the projects, which addressthelocal,regional, national andglobal issues.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

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

7

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

281

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

33

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

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

7

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

In order to integrate the above-mentioned cross cutting issues,

the curriculum is designed to include various courses in both UG and PG programmes. The courses namely Environmental Studies, Constitution of India & Professional Ethics are made mandatory courses in Engineering. Business Law and Policy and Entrepreneurship Development are included in UG & PGprogrammes. The environmental studies cover various aspects of pollution, global warming, economic productivity, biodiversity, and study of natural resources preservation and exploitation and to improve the social, economic, environmental well-being of the human-kind and sustainability. The students are given exposure to the Indian constitution, human rights, Directive Principles, Fundamental duties and their implications towards institutions and society to inculcate Honesty, Integrity and Reliability. The courses impart professional, engineering ethics and entrepreneurship towards responsibilities, roles in the society in-turn contribute to inter/intrapersonal growth. Courses such as non-conventional energy sources, Energy and Environment are offered as open electives. These courses provide in-depth knowledge towards addressing greenhouse aspects, design and development of energy systems for a sustainable engineering environment. The college has a Woman grievance cell to ensure safety and security. Institution also, organizes woman empowerment programmes apart from Swatch-Bharath Abhiyan, Tree plantation, Blood donation programmes and health awareness camps.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

5

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

858

File Description	Documents
List of students enrolled	View File
Any additional information	**No File Uploaded**

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

938

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://bitm.edu.in/wp-content/uploads/2023/05/1.4.1-structuredfeedback.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	**No File Uploaded**

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://bitm.edu.in/wp-content/uploads/2023/07/1.4.2-Addl.Info_compressed.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

859

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

314

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Every year, the Institute organizes three week induction program for first yearstudents in the beginning of the Academic Year. This program helps the Institution to assess the learning levels, various skills and talent in the student.

In order to motivate slow learners, Workshops and Guest Lecturers are organized to enhance their skills and knowledge. The proctors monitor the academic performance and interact frequently to understand, assist any student with issues that affect their

ability to learn. Appropriate counseling with additional teaching, eventually helps to attend classes regularly.

The students having good academic background (Advanced Learners) in both CIE and SEE .InstituteEncourages them to become Member of professional bodies like IEEE, ISTE, CSI, IETE etc. Motivates them to participate group discussions, technical quizzes to develop analytical, problem solving abilities and to improve their presentation skills. Motivating them to do mini projects to inculcate research orientation and practical awareness in the 2nd year apart from major projects. Encouraging them with extra care to obtain University ranks and take up competitive exams like GATE, GRE, TOEFL, PGCET etc, during the final year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/05/2022	**3446**	**233**

File Description	Documents
Upload any additional information	[View File](#)

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 various Student centric methods to enhance Teaching- Learning are:

Course Delivery Methods:

Lectures & Class presentations, Tutorials, Lab experimental work, Simulations and experimental exercises, Assignments, Case Studies, Industry visits/Technical reports.

Problem Solving Methodologies:

Student learning is enhanced by adopting various approaches such as seminars, Group discussions, Technical Talks, Departmental forum activities etc., Projects aregiven to the students to sharpen their intellectual caliber and curiosity.

Interactive Learning Environment:

Facilities are provided to make use of NPTEL courses to learn and get certified on new courses. Regular workshops help students to interact with Resource persons, conducting guest lectures, Quiz, Programming contests and seminars.

Collaborative Learning:

Mini and major projects carried out by students in team. Students are participating in development of inter disciplinary projects like technology learning center projects viz. MTLC, e-Yantra Robotics, FMS Lab.

Independent Learning:

Wi-Fi facility is available to access technical resource like NPTEL Lectures, VTU E-Shiksha, E-Books, e-resources, etc.

Participative learning:

Flipped classrooms enables to actively participate in TLP and faculty facilitates classroom sessions.

Experiential learning:

Ensured through individual or group projects and industrial visits. Competitive and Team Spirits are developed through group discussions, debates, based experiments, Technical papers, etc.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	Nil

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

- The faculty adopts various innovative Teaching & Learning

- pedagogical methodologies to create best learning experience for the student with the help of ICT Tools such as projectors, smart boards, smart televisions and other online tools for the preparation of presentations and demonstrations. These methodologies include traditional black board teaching, PPT presentations, video lectures, collaborative learning methods using google class rooms, flipped class rooms etc., where the relevant concepts are demonstrated with the real world's illustrations, which enable students to grasp the concepts more easily.
- Entire campus is augmented with 200 MBPS internet leased line and Wi-Fi. The innovative methods to be used to deliver a course are also included in the course file. The faculty members leverage online certification courses in order to enrich the knowledge and the same is disseminated to the students and encourage them to take online certification courses.

The Institute is a member of VTU e-consortium which supports all the e-resource such as e-Shiksha, e-books, e-journals etc. In addition to that the library also has online videos, CDs & DVDs, project and thesis reports to cater the need of the students.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://bitm.edu.in/wp-content/uploads/2023/05/2.3.2-Addl.-Info.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

233

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

The DEAN Academic of the Institution prepares Academic Calendar in the beginning of semester, considering Govt./University holidays and University guidelines for Autonomous Institutions.

Each department has its own Board of Studies(BoS) to prepare the curriculum design following the guidelines of the AICTE & the University. The curriculum thus designed and approved by BoS is taken further approval in the Academic Council.

The course coordinator of each course prepares the course plan and teaching plans in accordance with Outcome Based Education(OBE). And the teaching methodology is carried out through individual faculty using Chalk and Talk, Seminars, Quiz's, Group discussions & hands on experience.

The academic calendar includes specific dates for classwork, lab work and Internal Assessments schedule, AAT's, and semester end examinations. The IA test I, II & III are scheduled after 4-5, 8-9 and 12-13 weeks respectively.

Course co-ordinator sets the question paper for individual course with outcomes and blooms taxonomy levels. Each question is mapped to CO's and knowledge levels and scheme of evaluation is prepared by course faculty.

The DEAN Academics with the help of HOD's, Internal Exam Coordinators, Invigilators and internal squad members for the smooth conduction of the test.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

233

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

43

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2140

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

38

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

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

368

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

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

Institution is using Contineo software having modules such as Admission and Fees, Student information Management System (SIMS), Examination and OBE. Institution had made complete automation of examination processes, which helped in the successful execution of examination processes.

Examination module is a complete and customized solution for Autonomous colleges to handle all the examination related work. It can generate easily all the reports pertaining to monitoring of examination fee payment, examination schedule, seating arrangement, attendance monitoring, coding and decoding of scripts, marks data entry, producing result processing and result analysis by examination software tool, Contineo Examination Management System thus facilitated result processing with accuracy.

Institute keeps its examination system open for modifications to strengthen the process to address the grievances of students, if any. The institutional reforms in all the activities of the examination system are kept on par with AICTE for various engineering disciplines. The drivers for reforms in examination

system of Indian engineering education taken up by the premier technical institutions have been incorporated into our examination system and they include OBE framework for assessment process, evaluation of higher order abilities and professional skills in different forms like MOOCs, internship experience and project works, Bloom's Taxonomy for assessment design.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

The Institute uses different mechanism and practices to communicate course outcomes, program outcomes and program specific outcomes to all stakeholders. The programme outcome (PO), programme specific outcome (PSO) and course outcome (CO) of all programmes and courses are made available explicitly in the institute's website.

The institution follows Program Outcomes (12 Graduate attributes) defined by the NBA. Each programme defines 2 to 4 Program specific outcomes and are framed in consultation with Department Advisory Board (DAB) and Program Assessment Committee (PAC) in line with NBA Graduate attributes.

Course outcomes (4 - 6) for each course are formed by the department faculty (Course Co-coordinator) in consultation with Program Co-ordinator/Stream Co-ordinator and senior staff members of the department and COs are to be mapped with PSOs and POs. Prominent locations in the campus, which can be viewed by Students, parents, faculty members and other stakeholders (Display Board at the entrance of HOD chamber, Department Laboratories, Class rooms etc.)

- Institutional website (www.bitm.edu.in).
- Course files of each course.

COs are given to the students and explained on the commencement of classes in each semester and also well disseminated in Course files of each course.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

The assessment process is carried out by the institution using one or more processes that identify, Collect and prepare data to evaluate the attainment of the course outcomes (COs). For each course 4 to 6 Course outcomes are defined by the faculty, and the articulation matrix is prepared to map the Course Outcomes to the Program Outcomes (POs) and the Program Specific Outcomes (PSOs). From the articulation matrix, the expected PO and PSO attainment level is calculated. The assessment process for the attainment of outcome is carried out by using Direct and Indirect Assessment tools.

The direct Assessment tools used are:

  • Internal Tests, Semester End Examinations, Quiz, Assignments, Seminars, Main and Mini Projects

The Indirect Assessment tools used are:

  • Employer Survey, Alumni Survey, Graduate Exit Survey, Course End Survey, Target levels for each Course Outcomes (COs) are set by the respective course faculty, attainment of COs is assessed using any or all of the above direct assessment tools. The attainment of the COs is compared with the target value which is fixed initially.

Appropriate weightage is defined for Direct attainment and Indirect Attainment. In our Institution 80% weightage is given to Direct attainment and 20% weightage for Indirect attainment. The respective course faculty for the course based on the past students' performance may fix the threshold and target levels of the COs.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

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

896

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
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://bitm.edu.in/wp-content/uploads/2023/05/2.7.1-SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The institution has eight (08) Research Centers (RCs) approved by VTU, Belagavi, These research centers are equipped with state-of-the art facilities to address the research needs of the RCs. The RCs are continually evolving and creating a vibrant research ecosystem. The RCs are encouraged to adopt modern scientific methods and procure state-of-the-art equipment and software to carry out research in influential areas. The promotion of research is well defined by institutional policy, and remarkable achievements are highly appreciated and rewarded. The

institution's research policy empowers academic researchers to access essential support and facilities to carry out their research. The detailed research and development policy document for the faculty is available on the institution's website: https://bitm.edu.in/wp-content/uploads/2020/12/BITM-Research-Development-and-Funding-Policy.pdf.

File Description	Documents
Upload the Minutes of the Governing Council/Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://bitm.edu.in/wp-content/uploads/2020/12/BITM-Research-Development-and-Funding-Policy.pdf.
Any additional information	**No File Uploaded**

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

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

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

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

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

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

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

0

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	[View File](#)

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

`0`

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

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

The institution has a well-established R&D cell that oversees all R&D activities, notably by supervising R&D in several departments and advising the eight recognized VTU-Belagavi Research Centers (RC).Significant contributions to research and project work are rewarded, and all resources are made available for knowledge transfer through reputable and high-quality journals and patent publications. At present, 80 research scholars are working on their PhDs in various RCs under the guidance of 24 research supervisors. The R&D cell of the institution has an Innovation Council that collaborates with the Innovation Cell of the MHRD to encourage innovation through various initiatives in partnership with MoE's Innovation Cell (MIC),Government of India, BITM-Entrepreneurship &Development cell, and the BITM-Research and Incubation Community for Start-ups (BRICS).Under the BITM Research and Incubation Community for Start-ups, the institution offers a start-up ecosystem (BRICS). The multiple efforts of the institution will benefit students, researchers and other stakeholders with inclusive and holistic development of the research ecosystem

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

7

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

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

      A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	**No File Uploaded**

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

3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	https://bitm.edu.in/wp-content/uploads/2023/05/3.4.2-List-of-Students-HEI-Upload.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

19

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

18

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

3.4.5.1 - Total number of Citations in Scopus during the year

9

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

29

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

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

0.53707

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	[View File](#)
List of consultants and revenue generated by them	[View File](#)
Any additional information	**No File Uploaded**

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

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View File](#)
List of training programmes, teachers and staff trained for undertaking consultancy	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	**No File Uploaded**
Any additional information	**No File Uploaded**

3.6 - Extension Activities

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

Institution has registered NSS unit, which takes responsibilityof organizing outreach activities. NSS unit coordinates with various organizations to sensitize student on societal issues. During 2021-22 the NSS unit has actively organized various events such as Swacch Bharat, awareness on environmental pollution, ill-effects of using Plastics, Sensitizes importance of prominent national/international days –like Worlds AIDS day , Gandhi Jayanti, conducted surveys in rural areas/communities in social relevant problems. NSS unit also encouraged faculties and students for active participation in several national/international events like AzadiKa Amrit Mahotsav Fit India Freedom Run 2-5 KM MARATHON. During 2021-22, NSS unit of institution continued its efforts in COVID vaccination drive in coordination with administration and Primary Health Centers(PHCs).NSS unit has been consistently organizing Blood donation camps every year in the institution in collaboration with YRC, Red Ribbon Club, and District AIDS Prevention Control Office. This year also students and faculty donated blood for a noble cause on the anniversary day of BITM-founder Smt.Basavarajeswari on 19.02.2021.This strengthens,sense of empathy and compassion among donors and also instills a sense of Commitment towards society. NSS unit led students of various UG Programs in conducting outreach activities mandated by VTU and AICTE for holistic development of students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://bitm.edu.in/wp-content/uploads/2023/05/3.6.1-Addl.-Info.-Weblink.pdf

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

1

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	**No File Uploaded**

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

27

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

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

1710

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

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

1

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	[View File](#)

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

6

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institution has an 11.00 Acres campus with state-of-the-art facilities.

- **The total area of UG&PG Classrooms is 5111.58 Sq.m comprising 59 classrooms and 12 seminar halls which are used for the teaching-learning process with ICT facilities and Wi-Fi connection.**
- **The total area of Laboratories is 4445 Sq.m and are well equipped for conducting experiments as per the VTU curriculum. To elevate the student abilities by identifying their special skills, the centre of excellence / incubation Centre /innovative labs such as Wipro MTLC, NI Lab View, Robotic Process Automation, IBM labs, Harita Tech Serv, FMS Lab, CNC Vertical Milling Machine etc. are set up on the campus.**

Total number of computers on a network for labs, multimedia, central computing centers is 1104 with firewalls and printers. The institution has 44 licensed legal application software's like AutoCAD, Mat lab, CMC, Oracle etc. and has 6 legal system software's. The Institute had an internet Bandwidth of 200 Mbps. (100 Mbps BSNL+100 Mbps AIRTEL) which is provided by BSNL and M/s Wave Enterprises Ballari.

Laboratories:

Laboratories have facilities to conduct VTU prescribed experiments. The programming labs are equipped with licensed software's (15 legal systems and 20 Application software's) with an Internet contention ratio of 1:1

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

The institution has a state-of-the-art auditorium established in the year 2017 with the capacity of 650 members equipped with state of an art Audio Video facilities, lighting arrangements with Central Air Condition. The institution also has an Open-Air Theatre which can accommodate 1500 students to conduct programs. In addition to it, the institution has several seminar halls which facilitate extracurricular activities conducted by different departmental forums/clubs and motivate the students awarding with mementoes and awards. The institution has various clubs headed by a cultural coordinator.

The institution organizes a three-day Annual day fest namely "EXPLORIKA" which provides an ideal platform for the students to exhibit their talents in various competitions.

Sports Facilities:

The institution has sports facilities for Indoor and Outdoor Sports & Games.Thesports department conduct internal sports competition during the Annual day in addition to the regular sports activity on a day-to-day basis. The students to participate

in intra and interzonal VTU sports events held throughout the academic year.

Gymnasium & Yoga: The institution has a full-fledged gymnasium at the Boys and Girls hostel separately. Students practice Yoga regularly for their wellness and also invite Yoga Practitioners to train the students.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

71

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

216.36

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Institution has a voluminous library named as 'Knowledge Center' accommodated in a spacious building spanning 1100 sq.m with a reading hall capacity of 500 Students and reference section capacity of 65 students. Library is open for users from 9am to 10 pm. The collection of 99,849 Volumes of books comprising 11,039 titles. The e-Resource center with 23 systems providing on-line access, VTU- e-learning with 5TB of offline video lecturers and 3556 CD's & DVD's. Library has 11,111 E-books and 5561 e-Journals on various branches of Engineering, Science, Technology and Management along with 49 National and International Printed Journals and 123 back volumes. Books are barcoded and classified as per DDC classification. The Library resources are Bar coded and automated in the year 2008 Easylib 4.4.2 version and upgraded to web version 6.2a in 2019. Integrated Library Package is used for Transactions and web OPAC (Online Public Access of Catalogues) for ease of access. Library has two apps for remote access are mLibrary and easylib<>bitm. The library is a member of National Digital Library of India (NDLI), VTU e-Resource Consortia. A high-end SHARP AR Reprographic facility is available in library.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

34.63

File Description	Documents
Audited statements of accounts	[View File](#)
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

147

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

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

Institute regularly upgrades IT facility including Wi-Fi. Total number of computers on network is 1104, printers are 105. Institution has 15 legal system and 20 application softwares. Institution contains Mac based secured Wi-Fi facility and F-secure Antivirus protection for servers and clients.

 Institute had an internet connectivity Band width of 200 Mbps which is provided by BSNL and Wave Infinity Ltd. It has 03 core switches and 40 access points across the campus. It has optical fibre cable connectivity for all labs and separate servers are maintained for e-content and NPTEL videos.

Institution has well designed Auditorium with a seating capacity of 600, equipped with high definition projector with 3 LED TV's, and CCTV surveillance with recording facility and an audio system supported with 5000 watts.

 All classrooms, seminar halls are equipped with LCD projectors and LED TV's with Wi-Fi facility. The Institution has centralised computer lab facility maintained under one common System Admin.1000 PC's are connected on a single LAN across the campus.

It has ZYXEL(USG1100) Firewall protection. All faculties are having their own college e-mail ID's like staffname@bitm.edu.in served by Microsoft outlook 365 for better communication and improvements in academic standards.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3431	**923**

File Description	Documents
Upload any additional information	[View File](#)

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

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

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

E. None of the above

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

169.62

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	**No File Uploaded**

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

Laboratory:

Regular maintenance of the machines, computers is done. Safety measures like first-aid kit, Safety charts, Fire extinguisher etc. are provided.

Sports:

PD conducts sports & Games as per schedule and maintains the sports facilities.

Classrooms:

Classrooms cleaned regularly with mopping.

Potable Water Supply:

RO systems are installed in institution for safe drinking water.

Sewage Treatment:

Campus has STP having capacity of 325 KLD approved by KPCB.

Solid Waste Management:

Wet & Dry waste collected within the campus is transported through Institute "Swachh Bharat" Vehicle to corporation segregation yard for scientific disposal.

Electricity and Solar Power:

Institute is provided with HT(11KV) service from GESCOM. Substation has 2 Transformers of capacity 250KVA and 100 KVA, also 350KW of Rooftop Solar Plant.

Electric Power Backup:

Backup is implemented with 2DG sets having capacity of 250KVA and 200KVA with AMF panel.

E-Waste disposal:

E-Waste is disposed as per KPCB guidelines.

Maintenance of Infrastructure:

It is maintained by Site-Engineer through different agencies. Institution having Lift facility and the same are under AMC. Hostel rooms are daily cleaned and mess facilities are FSSAI certified.

Equipment's:

All Major equipment are maintained by AMC. Minor Equipment's are repaired and maintained regularly. Calibration of equipment's are done regularly.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1627

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

98

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://bitm.edu.in//wp-content/uploads/2023/07/5.1.3-Addl.Info.pdf
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

1850

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)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

486

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

12

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

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

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

12

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

3

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

The role of the students in building activities and building their own future is necessary for the present scenario. BITM offers an opportunity for the students to participate in various administrative and academic committees. The views of students are

considered in committee meetings.

Student's representation in various administrative and committees are such as:

1. Internal Quality Assurance Cell
2. Anti-ragging Committee,
3. Prevention of Sexual Harassment Committee,
4. Bhoomika College Magazine.
5. IEEE Chapter

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

2

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

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

Ballari Institute of Technology and management Alumni Association (BITM-AA):is registered under Karnataka Societies Registration Act 21 of 1960, Dated Dt-14-12-2015 with Registration No.BLY-S287-2015-16 at Ballari, Karnataka.

Association is established to provide forum for alumni of the college to connect, to promote the interests of the college and alumni members, promote goodwill among members, contribute to the cause of technical education by sharing the experience of the competent, help authorities to improve the academic activities of the college, assist members for their employment and service

matters, co operate with other such bodies for same ends, promote other matters beneficial to prospects of association, extend financial help to economically backward and deserving students as scholarship for undergraduate, post graduate students of the institution, involve in curriculum design and honoring first year UG academic toppers.

In the last three years voluntary contribution of Rs 214800/- is received from the BITM. Data base is maintained through portal www.alumni.bitm.edu.in or mobile app "My Alumni Network" . The total members in the portal are 5011 as on 08/11/2022.

Association is organizes annual alumni meet "Punarmilana" alternatively at Ballari and Bengaluru. Feedback of the members acts as impetus to improve the institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year   D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Nature of Governance:

The Governing council (GC) members form a supreme body are decided as per the rules and regulations of AICTE. GC monitors and evaluate the functions as a policy maker of the institution to impart quality education. The GC approves the mission and strategic vision of the institution, annual budgets in accordance with the interests of the stakeholders and monitors the institution's performance against the plans approved for effective implementation.GC approves the purchases, ratifies appointments,

promotions and any HR related matters. The frequency of meetings of GC is twice a year or on a need basis.

Perspective Plans:

Focus on developmental aspects of UG and PG by incorporating modern teaching and learning methods, Infrastructure enhancement, internal revenue generation and accreditation with bodies. Improving R & D, collaboration with Govt bodies, industry and university, alumni interaction, entrepreneurship, and social responsibility initiatives. Initiative to offer world class education and research and also to get funds from the funding agencies. The plans and policies of the institution are framed as per the collective inputs given by the management, principal and staff are implemented effectively. Various committees are created by the Management that include faculties who participate actively in decision making.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

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

Town hall meetings is a case study to illustrate the decentralization and participative management withteaching and non-teaching staff in the auditorium. The objective of the town hall meeting is to bridge the gap between the top management and the employees of all the levels. In this we also discuss the strategies, scope, road map and achievements of the previous academic year and scope of improvements. All the members are given opportunity to express their views . Town hall meetings are held and the decisions are taken during the meeting have been implemented successfully, with the opinions from faculty, students, industry, alumni and parents. Some of the important accomplishments are:

1.Accreditaion for EEE, Civil & MBA

2.Reaccrediataion for ECE, ME & CSE

3.Collaboration and MOU

Beginning of academic year / semester Management conducts meeting with all the faculties and stake holders

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://bitm.edu.in//wp-content/uploads/2023/05/6.1.2-Addl.Info.pdf

6.2 - Strategy Development and Deployment

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

1. **LTG3: To have 20% of faculty with Ph.D.: 43 awarded**
2. **LTG 6: To Facilitate students to become entrepreneurs by establishment of Incubation Centre**

Institution successfully established an Incubation center as per guidelines of GOVT. OF KARNATAKA(GoK) Dept. of IT & BT, Karnataka Innovation and Technology Society (KITS) under the banner of New Age innovation network (NAIN). Institution received a grant of 26.62 lakhs for 10 projects selected by NAIN team and Six projects are Completed. Institution has signed a MoU with Deshpande Startups. Institute organized a Workshop on Startups in association with District Industries Centre, on 03/01/2022 and 440 students participated. Institution is planning to conduct IDEATHON 2022 to select top 15 best projects for screening and selection by the team of expert committee constituted by GOK to receive funding of approximately 30lakhs.

3. LTG7: To augment technology based self-learning for providing skill sets and encouraging self-learning.

- **Adopt E-Learning solutions, Digital Learning and Interactive sessions.**
- **Encourage self-learning techniques.**

4. STG2: Academic Autonomy.

To get autonomous status with necessary approval from UGC and University.

5. STG12: Enhance Industry Institute & Academic Collaborations.

- **Enhancing number of MoU's with industry and re-visiting existing**

MoU's based on changing industry requirements.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://bitm.edu.in/wp-content/uploads/2023/07/6.2.1-Addl.Info-1.pdf
Upload any additional information	**No File Uploaded**

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

Functions of Principal:

- **To implement approved policies and decision of the Governing Body including budget in consultation with the top management.**
- **To take appropriate action for ensuring compliance with the AICTE, Govt. & University regulations.**
- **To constitute sub committees for delegation ofresponsibilities and coordinate for smooth implementation of policies with respect to academics, research and development activities, admissions, examinations & evaluations**
- **Monitoring the Training and Placement, Industry Institute Interactions and Incubation centre in consultation with Management.**

- **To keep up the pace with the development in higher education space and prepare framework for planned growth of the institution in consultation with the management.**
- **To ensure continuous improvement, periodic evaluation and monitoring of various process.**

Functions of the HOD's:

- **Provide necessary inputs to the principal in the councils of**

the HOD's meetings and ensure effective and timely
implementation of the decision taken in the meeting.
○ Convene departmental staff meeting periodically for review

Administrative Officer takes up the matters related to:

○ Non-teaching staff to the principal who puts the matter to
the management.

**Admission, transportation, accounts, HR, Hostel, Security,
maintenance, liasoning, Scholarship etc. and reports to the
management regarding all the information.**

File Description	Documents
Paste link to Organogram on the institution webpage	https://bitm.edu.in//wp-content/uploads/2023/05/6.2.2-Addl.Info.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Teaching:

Provident Fund (PF), Employees State Insurance (ESI), Casual Leave

15 days per annum, Earned leave 30 days for non-vacation category, Vacation Leave for Odd and Even Semester 30 Days, Group Gratuity Scheme linked to LIC of India with a life policy. Staffs are covered Accidental Insurance. Subsidized Transport Facility. Encouraging faculty for pursuing Ph.D., with Contingency amount. Sponsoring for various Workshops Conferences by bearing Registration Fees and TA DA Domestic and International Events. Deputing faculty for various value-added training programmes. salary advance is available to the staff through cooperative society and bank

Non-teaching:

PF, ESI, Casual Leave 15 days per annum, Group Gratuity Scheme linked to LIC with a life policy. Staffs are covered with Accidental Insurance, Subsidized Transport Facility,salary advance is available to the staff through cooperative society and bank.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

22

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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

35

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit: It is an ongoing continuous process. We have a mechanism to check the books of accounts, receipts & payments through tally package for keeping accounts upto date which are periodically evaluated by the management. Provisional balance sheets are drawn and expenditures are compared with the budgetary proposals and periodically reviewed.

External Audit: The external auditor is appointed by the college Governing Body and the auditor performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountant after the end of each financial year and the same is certified w.r.t income & expenditures, balance sheet and receipts and payments. Statutory financial audit of Institute is conducted in two sessions, first session is from April to September and second session from October to March. Finalization of account is completed in June and audited statement is prepared in July. The audited statement is duly signed by the Chairman and Chartered Accountant. All accounting systems are accrual basis computerized and maintained on Tally. The

auditedreport is placed before the Governing body and the same is noted. The Institution also publishes audited financial statements on the institution website.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	**No File Uploaded**

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

Mobilization of Funds:

Mobilization of funds in institute is through several ways. Primary source is through collection of tuition fees and transportation fee, from the students, interest and rental income. Institution is also receiving government grants from

UG Programs:

CET: For the year 2021-22 as per seat matrix the CET quota is 45% with a fee structure of Rs. 85,340 + Skill fees = 15,0000/-, COMED-K is 30% with a fee structure of Rs. 2,21,960/-+ Skill fees = 15,0000/-, + Other fees = 7,720 and 25% is Management Quota. fee structure is Rs. 1,00,000/- to Rs. 3,00,000/-

Grants Received in 2020-21:Nil (in Lakhs)

Utilization of Resources:

The financial resources of the Institute are sufficient. Considering inputs from the Department HOD's, members of Governing Body and the management, the budget is prepared; funds are allocated and utilized as per the budget. Any over/under utilizations of funds are looked into and appropriate measures are taken to rectify the same by reallocation.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

6.5 - Internal Quality Assurance System

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

value added courses

To enhance the quality in academic and administrative domains, various IQAC strategies are institutionalized so as to keep in pace with the expectations of stakeholders like students, industry and society. Institute believes in nurturing the students into a wholesome professional and hence our students are encouraged to undergo Value Added Courses and attend workshops. These courses help students to,

1. Enhances learning skills, technical knowledge, creativity and ability to innovate.

2. Ability to compete with students at a global level.

3. Enables students to learn and understand the use of modern research tools.

Implementation of an Effective Mandatory Induction Programme

As per the proposal initiated by IQAC, Mandatory Induction Programmefor first year students will be conducted.

Process:

1. **to make students aware of latest technology trends in industry,**
2. **Eminent experts are invited to deliver so that students can be benefitted fully to upgrade and enrich their knowledge.**
3. **English and Computer Proficiency assessment courses are conducted by the In-house faculty**

Members to assess a student's employability quotient.

1. **Lecture sessions are organized on Human Values, Ethics to understand their responsibilities towards the Society.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://bitm.edu.in//wp-content/uploads/2023/05/6.5.1-Addl.Info.pdf

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

Institute has well planned teaching learning process as per the Guidelines of IQAC to review the Teaching Learning Process. There are various teaching learning Processes like Subject Allocation, Preparation of Academic Administration Plan, Cluster mentor meetings, Student mentoring etc. Each of these activities is planned by the faculty and is reviewed thoroughly before rolling. Once the activities are rolled out, their progress is monitored as per the type of activity. The outcomes are analyzed and discussed with concerned faculty for further improvements.

Project Reviews:

Project Review is a two-semester process in which the students of final year and pre-final year pursue a group-based project on a question or problem of their choice in their relevant disciplines. With the guidance of a project guide, a substantial work is carried out that reflects the understanding of the project.

NPTEL ONLINE CERTIFICATION COURSE

IQAC understands the importance of opportunities to explore new areas of interest, which are not possible in regular college environment so that our Staff and Students were encouraged to join

NPTEL Certification courses with the objective of enabling staff and students to enhance their learning curve and to make them employable in industry or pursue a suitable higher education programme.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	**No File Uploaded**

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 Institution has 48% Girl Students and 37% of the Women Working employees. The institution has formulated a competent Gender equity and sensitization action plan based on the United Nations and Global Goals for Sustainable Development.

Safety and Security

The Prevention of Sexual Harassment Committee & Women Welfare is constituted (https://www.bitm.edu.in/map), Anti-Ragging Committee with prevention posters, CCTV Camera with multi-level security Checks, Alcohol Detection mechanism, Dispensary with Full Time Doctor & 24x7 Nurse, Proctoring, Fire extinguishers and hydrants are placed strategically and Napkin dispenser & incinerator in washrooms, Self Defense Classes, Lady Nutritionist & Doctors talk on Women Health and Nutrition is provided every year. Road safety club was constituted on 26th February, 2022 to create awareness on Road safety and precautions.

Counselling:

Proctoring of all students, Expert Talk from nutritionist, doctors, psychologist for mental health carried out every year.

Common Rooms:

Girls Common room is available for students at the Library, Ladies Rest Rooms and Hostels.

Any other relevant information:

Institutional Scholarship for meritorious Girls, Women faculty are promoted to leadership roles such as HOD's, coordinators of Clubs & forums, inclusion of women members in Board of studies & examiners

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://bitm.edu.in//wp-content/uploads/2023/05/7.1.1-Addl.Info.pdf

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

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

Solid waste management

Dustbins are available in the campus to collect Dry & Wet Waste separately. Waste generated is scientifically segregated at the source as per the norms of the PCB and disposed.

Liquid waste management

Network of underground sewer lines which in-turn are connected to common line diverting entire sewage to single source. Treatment is done through 325 KLD STP built at a cost of Rs. 60 Lakhs approved by PCB.

Biomedical waste management

Institution has Tied up with Basaveshwara Medical Centre (BMC), Ballari. Waste generated is handed over to BMC which in-turn has an MoU with M/s Suryakanth Environmental Technologies ® to dispose the Bio-Medical Waste Scientifically as per the Govt. norms.

E-waste management

E-waste is handed over to Sogo-Energy Pvt Ltd., for which Institution has an MoU for disposing E-Waste

Waste water recycling system

Sewage water is processed in the STP plant.Treated water isused for gardening.

Hazardous chemicals and radioactive waste management

Before disposal of chemical waste, it is diluted by adding a coagulant to facilitate precipitation. The treated effluent is drained into the UGD system for further Biological treatment through STP.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus   **B. Any 3 of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
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
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	**No File Uploaded**

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

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

B. Any 3 of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<u>View File</u>
Certification by the auditing agency	<u>View File</u>
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

Institution conducts 15 days Student Induction program. Talks on Code of Conduct, Universal Human Values and Professional ethics are delivered sensitizing on harmony and diversities. To bridge the Socioeconomic gap, SDP on Computer Fundamentals was conducted for rural background students.

All the staff members compulsorily underwent an ISO induction program on inclusiveness, Universal Human values and Responsible usage of social media.

NSS students organized Sadhbhavana Diwas on 20th August, 2021 to highlight harmony and peace. Mathrubhasha Diwas was organized on 21st February 2022 to sensitize the students and staff on the importance of preserving & respecting their mother tongue and promoting other Indian languages. National Unity Day was celebrated on 30-10-21 to educate the inherent strength and resilience of our nation for unity, integrity and security. Gandhi Jayanthi / International Non-violence Day was celebrated on 2nd October, 2021 to highlight on Peace.

Institution celebrated Independence and Republic Day with speeches on national unity.

Ethnic Day was organized to represent the different cultures of states.

International Women's Day was organized on 8th March, 2022 on the theme "Gender equality today for a sustainable tomorrow".

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Employees of the Institution were oriented on various constitutional and Universal Human values by the faculty trained in Universal Human Values. Institution conducted 15 days' induction program for first year students on Universal Human Values, Professional Ethics and relating the information to Fundamental duties, directive principles and responsibilities of citizens. As a part of the curriculum, constitution of India and professional ethics (CIPE) is taught as a credit course for the students.

Every year institution celebrates Republic Day and Independence Day to constantly remind the faculty and the students with respect to the sacrifices made by our freedom fighters and recollect the contributions made by Dr. B. R. Ambedkar, father of our Indian constitution. Students and staff spoke about fundamental rights & duties, Human rights and directive principles of the constitution. Institution celebrated constitution day as "Samividhan Diwas" on 26th November, 2021. During this day, all the staff and students took an oath to follow and protect the constitution of India. Institution organized awareness program on "National Voters Day" 25th January, 2022 and conducted awareness campaign among the students and at a nearby village to sensitize the public with respect to voting and participation in democracy.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this   **A. All of the above**

regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	**No File Uploaded**

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

Independence Day(15/08/2021): Students unfurled the national flag and spoke about the sacrifices made by Freedom fighters.

Teachers Day(05/09/2021): Students spoke on contribution of teachers in shaping their career. Principal/HODs highlighted the contributions of Sri. Sarvepalli Radhakrishnan.

Engineers Day(15/09/2021): Talks was delivered by Chairman on Sir M.Visvesvaraya and honored the faculty members acquired the Ph.D. degree.

Ozone layer Preservation day(16/09/2021): NSS Volunteers organized awareness on the importance of Ozone Layer and products which effects the Ozone Layer.

Gandhiji & Lal Bahadur Shastri Jayanthi(02/10/2021): College fraternity recollected importance of peace, non-violence, hygiene and Swachh bharath undertaken.

Karnataka Rajyothsava Day(01/11/2021): Students spoke on the importance of statehood, Kannada Language and personalities for their contributions.

World Aids Day(01/12/2021): NSS Volunteers spread the awareness on prevention of AIDS at Allipur village on the theme "End inequalities.End AIDS".

National youth day(12/01/2022): Student recollected the message put forth by Swami Vivekananda and the role of the youth in the development of the Nation.

Republic Day(26/01/2022): College fraternity hoisted the National Flag and recollected the importance of protecting the constitution and contribution made by Dr. B. R. Ambedkar.

International Women's Day(12/03/2022): Ms. Chandana, EEE Department was felicitated for securing 1st Rank In the University.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<u>View File</u>
Geotagged photographs of some of the events	<u>View File</u>
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

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

https://bitm.edu.in//wp-content/uploads/2023/05/7.2.1-Addl.Info.pdf

File Description	Documents
Best practices in the Institutional website	<u>https://bitm.edu.in/best-practice/</u>
Any other relevant information	<u>https://bitm.edu.in//wp-content/uploads/2023/05/7.2.1-Addl.Info.pdf</u>

7.3 - Institutional Distinctiveness

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

The institution laid out a strong thrust for the Graduation outcomes, mainly with respect to the Placements as well as for NBA accreditation for the CIVIL, EEE & MBA.

The institution laid a strong focus on training the graduates through a well-defined training plan. The students were provided with product-based training and company specific training, which enabled the students to get placed not only in service-based mass hiring companies but also in high salary product-based companies. The institution also provided opportunities in core companies for ME, CIVIL and EEE. The institution rolled out 858 offers from top companies and 5% of the students were placed in product-based companies with a highest salary of Rs.14 lakhs per annum which is a significant improvement compared to last academic year.

The institution was successful in obtaining NBA accreditation for UG programmes of CIVIL, EEE and PG programme of MBA. Accreditation of MBA resulted 100% in admissions. The institution was also successful in improving the admissions for core engineering programmes. This ensured all the eligible programmes were NBA accredited. This demonstrated that the institution is able to meet the graduate outcomes as defined in the strategic plan.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Design of curricula has been done as per the guidelines of AICTE and affiliating University. Vision and Mission of the institute, feedback of stakeholders and local/ national/ regional/ global developmental needs of the society are taken into account while framing the curricula for undergraduate and post graduate programs.

The institution strives to serve the nation and beyond by offering value-based quality education and outcome-based learning.Programme Outcomes are framedbased on the graduate attributes. Program Specific Outcomes for each program have been formulated to ensure the attainment of domain-specific knowledge and skills in relation with course outcomes. Choice Based Credit System (CBCS) oriented curriculum framed by internal faculty experts are then reviewed and approved by Boards of Studies and Academic Council.

Courses are offered under various categories such as Humanities and Social Science, Basic Science, Engineering Science, Professional Core, Professional Elective, Open Elective Courses, mini and major projects,Professional Ethics and Universal Human Values. Open electives offered by the various programs enhance the multidisciplinary skills. Technical report writing, Technical Seminars enhance written and verbal communication skills. Students are encouraged to do the projects, which addressthelocal,regional, national andglobal issues.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	**Nil**

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

7

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	**No File Uploaded**

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

281

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

33

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

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

7

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

In order to integrate the above-mentioned cross cutting issues, the curriculum is designed to include various courses in both UG and PG programmes. The courses namely Environmental Studies, Constitution of India & Professional Ethics are made mandatory courses in Engineering. Business Law and Policy and Entrepreneurship Development are included in UG & PGprogrammes. The environmental studies cover various aspects of pollution, global warming, economic productivity, biodiversity, and study of natural resources preservation and exploitation and to improve the social, economic, environmental well-being of the human-kind and sustainability. The students are given exposure to the Indian constitution, human rights, Directive Principles, Fundamental duties and their implications towards institutions and society to inculcate Honesty, Integrity and Reliability. The courses impart professional, engineering ethics and entrepreneurship towards responsibilities, roles in the society in-turn contribute to inter/intrapersonal growth. Courses such as non-conventional energy sources, Energy and Environment are offered as open electives. These courses provide in-depth knowledge towards addressing greenhouse aspects, design and development of energy systems for a sustainable engineering environment. The college has a Woman grievance cell to ensure safety and security. Institution also, organizes woman empowerment programmes apart from Swatch-Bharath Abhiyan, Tree plantation, Blood donation programmes and health awareness camps.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

5

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

858

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

938

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://bitm.edu.in/wp-content/uploads/2023/05/1.4.1-structuredfeedback.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://bitm.edu.in/wp-content/uploads/2023/07/1.4.2-Addl.Info_compressed.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

859

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

314

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Every year, the Institute organizes three week induction program for first yearstudents in the beginning of the Academic Year. This program helps the Institution to assess the learning levels, various skills and talent in the student.

In order to motivate slow learners, Workshops and Guest Lecturers are organized to enhance their skills and knowledge. The proctors monitor the academic performance and interact frequently to understand, assist any student with issues that affect their ability to learn. Appropriate counseling with additional teaching, eventually helps to attend classes regularly.

The students having good academic background (Advanced Learners) in both CIE and SEE .InstituteEncourages them to become Member of professional bodies like IEEE, ISTE, CSI, IETE etc. Motivates them to participate group discussions, technical quizzes to develop analytical, problem solving abilities and to improve their presentation skills. Motivating them to do mini projects to inculcate research orientation and practical awareness in the 2nd year apart from major projects. Encouraging them with extra care to obtain University ranks and take up competitive exams like GATE, GRE, TOEFL, PGCET etc, during the final year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/05/2022	3446	233

File Description	Documents
Upload any additional information	View File

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 various Student centric methods to enhance Teaching-Learning are:

Course Delivery Methods:

Lectures & Class presentations, Tutorials, Lab experimental work, Simulations and experimental exercises, Assignments, Case Studies, Industry visits/Technical reports.

Problem Solving Methodologies:

Student learning is enhanced by adopting various approaches such as seminars, Group discussions, Technical Talks, Departmental forum activities etc., Projects aregiven to the students to sharpen their intellectual caliber and curiosity.

Interactive Learning Environment:

Facilities are provided to make use of NPTEL courses to learn and get certified on new courses. Regular workshops help students to interact with Resource persons, conducting guest lectures, Quiz, Programming contests and seminars.

Collaborative Learning:

Mini and major projects carried out by students in team. Students are participating in development of inter disciplinary projects like technology learning center projects viz. MTLC, e-Yantra Robotics, FMS Lab.

Independent Learning:

Wi-Fi facility is available to access technical resource like

NPTEL Lectures, VTU E-Shiksha, E-Books, e-resources, etc.

Participative learning:

Flipped classrooms enables to actively participate in TLP and faculty facilitates classroom sessions.

Experiential learning:

Ensured through individual or group projects and industrial visits. Competitive and Team Spirits are developed through group discussions, debates, based experiments, Technical papers, etc.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	Nil

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

- The faculty adopts various innovative Teaching & Learning pedagogical methodologies to create best learning experience for the student with the help of ICT Tools such as projectors, smart boards, smart televisions and other online tools for the preparation of presentations and demonstrations. These methodologies include traditional black board teaching, PPT presentations, video lectures, collaborative learning methods using google class rooms, flipped class rooms etc., where the relevant concepts are demonstrated with the real world's illustrations, which enable students to grasp the concepts more easily.
- Entire campus is augmented with 200 MBPS internet leased line and Wi-Fi. The innovative methods to be used to deliver a course are also included in the course file. The faculty members leverage online certification courses in order to enrich the knowledge and the same is disseminated to the students and encourage them to take online certification courses.

The Institute is a member of VTU e-consortium which supports all the e-resource such as e-Shiksha, e-books, e-journals etc.

In addition to that the library also has online videos, CDs & DVDs, project and thesis reports to cater the need of the students.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://bitm.edu.in/wp-content/uploads/2023/05/2.3.2-Addl.-Info.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

233

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

The DEAN Academic of the Institution prepares Academic Calendar in the beginning of semester, considering Govt./University holidays and University guidelines for Autonomous Institutions.

Each department has its own Board of Studies(BoS) to prepare the curriculum design following the guidelines of the AICTE & the University. The curriculum thus designed and approved by BoS is taken further approval in the Academic Council.

The course coordinator of each course prepares the course plan and teaching plans in accordance with Outcome Based Education(OBE). And the teaching methodology is carried out through individual faculty using Chalk and Talk, Seminars, Quiz's, Group discussions & hands on experience.

The academic calendar includes specific dates for classwork, lab work and Internal Assessments schedule, AAT's, and semester

end examinations. The IA test I, II & III are scheduled after 4-5, 8-9 and 12-13 weeks respectively.

Course co-ordinator sets the question paper for individual course with outcomes and blooms taxonomy levels. Each question is mapped to CO's and knowledge levels and scheme of evaluation is prepared by course faculty.

The DEAN Academics with the help of HOD's, Internal Exam Coordinators, Invigilators and internal squad members for the smooth conduction of the test.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

233

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

43

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2140

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

38

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

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

368

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	**No File Uploaded**

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

Institution is using Contineo software having modules such as Admission and Fees, Student information Management System (SIMS), Examination and OBE. Institution had made complete

automation of examination processes, which helped in the successful execution of examination processes.

Examination module is a complete and customized solution for Autonomous colleges to handle all the examination related work. It can generate easily all the reports pertaining to monitoring of examination fee payment, examination schedule, seating arrangement, attendance monitoring, coding and decoding of scripts, marks data entry, producing result processing and result analysis by examination software tool, Contineo Examination Management System thus facilitated result processing with accuracy.

Institute keeps its examination system open for modifications to strengthen the process to address the grievances of students, if any. The institutional reforms in all the activities of the examination system are kept on par with AICTE for various engineering disciplines. The drivers for reforms in examination system of Indian engineering education taken up by the premier technical institutions have been incorporated into our examination system and they include OBE framework for assessment process, evaluation of higher order abilities and professional skills in different forms like MOOCs, internship experience and project works, Bloom's Taxonomy for assessment design.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

The Institute uses different mechanism and practices to communicate course outcomes, program outcomes and program specific outcomes to all stakeholders. The programme outcome (PO), programme specific outcome (PSO) and course outcome (CO) of all programmes and courses are made available explicitly in the institute's website.

The institution follows Program Outcomes (12 Graduate attributes) defined by the NBA. Each programme defines 2 to 4

Program specific outcomes and are framed in consultation with Department Advisory Board (DAB) and Program Assessment Committee (PAC) in line with NBA Graduate attributes.

Course outcomes (4 - 6) for each course are formed by the department faculty (Course Co-coordinator) in consultation with Program Co-ordinator/Stream Co-ordinator and senior staff members of the department and COs are to be mapped with PSOs and POs. Prominent locations in the campus, which can be viewed by Students, parents, faculty members and other stakeholders (Display Board at the entrance of HOD chamber, Department Laboratories, Class rooms etc.)

- Institutional website (www.bitm.edu.in).
- Course files of each course.

COs are given to the students and explained on the commencement of classes in each semester and also well disseminated in Course files of each course.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

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

The assessment process is carried out by the institution using one or more processes that identify, Collect and prepare data to evaluate the attainment of the course outcomes (COs). For each course 4 to 6 Course outcomes are defined by the faculty, and the articulation matrix is prepared to map the Course Outcomes to the Program Outcomes (POs) and the Program Specific Outcomes (PSOs). From the articulation matrix, the expected PO and PSO attainment level is calculated. The assessment process for the attainment of outcome is carried out by using Direct and Indirect Assessment tools.

The direct Assessment tools used are:

- Internal Tests, Semester End Examinations, Quiz,

Assignments, Seminars, Main and Mini Projects

The Indirect Assessment tools used are:

- **Employer Survey, Alumni Survey, Graduate Exit Survey, Course End Survey, Target levels for each Course Outcomes (COs) are set by the respective course faculty, attainment of COs is assessed using any or all of the above direct assessment tools. The attainment of the COs is compared with the target value which is fixed initially.**

Appropriate weightage is defined for Direct attainment and Indirect Attainment. In our Institution 80% weightage is given to Direct attainment and 20% weightage for Indirect attainment. The respective course faculty for the course based on the past students' performance may fix the threshold and target levels of the COs.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

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

896

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
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://bitm.edu.in/wp-content/uploads/2023/05/2.7.1-SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The institution has eight (08) Research Centers (RCs) approved by VTU, Belagavi, These research centers are equipped with state-of-the art facilities to address the research needs of the RCs. The RCs are continually evolving and creating a vibrant research ecosystem. The RCs are encouraged to adopt modern scientific methods and procure state-of-the-art equipment and software to carry out research in influential areas. The promotion of research is well defined by institutional policy, and remarkable achievements are highly appreciated and rewarded. The institution's research policy empowers academic researchers to access essential support and facilities to carry out their research. The detailed research and development policy document for the faculty is available on the institution's website: https://bitm.edu.in/wp-content/uploads/2020/12/BITM-Research-Development-and-Funding-Policy.pdf.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://bitm.edu.in/wp-content/uploads/2020/12/BITM-Research-Development-and-Funding-Policy.pdf.
Any additional information	No File Uploaded

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

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

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

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

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

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

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

0

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	View File

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

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

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

The institution has a well-established R&D cell that oversees all R&D activities, notably by supervising R&D in several departments and advising the eight recognized VTU-Belagavi

Research Centers (RC).Significant contributions to research and project work are rewarded, and all resources are made available for knowledge transfer through reputable and high-quality journals and patent publications. At present, 80 research scholars are working on their PhDs in various RCs under the guidance of 24 research supervisors. The R&D cell of the institution has an Innovation Council that collaborates with the Innovation Cell of the MHRD to encourage innovation through various initiatives in partnership with MoE's Innovation Cell (MIC),Government of India, BITM-Entrepreneurship &Development cell, and the BITM-Research and Incubation Community for Start-ups (BRICS).Under the BITM Research and Incubation Community for Start-ups, the institution offers a start-up ecosystem (BRICS). The multiple efforts of the institution will benefit students, researchers and other stakeholders with inclusive and holistic development of the research ecosystem

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

7

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

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

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	**No File Uploaded**

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

3.4.2.1 - Number of PhD students registered during the year

7

File Description	Documents
URL to the research page on HEI website	https://bitm.edu.in/wp-content/uploads/2023/05/3.4.2-List-of-Students-HEI-Upload.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	**No File Uploaded**

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

19

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	**No File Uploaded**

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

18

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

3.4.5.1 - Total number of Citations in Scopus during the year

9

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

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

3.4.6.1 - h-index of Scopus during the year

29

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

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

0.53707

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

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

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

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

Institution has registered NSS unit, which takes responsibilityof organizing outreach activities. NSS unit coordinates with various organizations to sensitize student on societal issues. During 2021-22 the NSS unit has actively organized various events such as Swacch Bharat, awareness on environmental pollution, ill-effects of using Plastics, Sensitizes importance of prominent national/international days -like Worlds AIDS day , Gandhi Jayanti, conducted surveys in rural areas/communities in social relevant problems. NSS unit also encouraged faculties and students for active participation

in several national/international events like AzadiKa Amrit Mahotsav Fit India Freedom Run 2-5 KM MARATHON. During 2021-22, NSS unit of institution continued its efforts in COVID vaccination drive in coordination with administration and Primary Health Centers(PHCs).NSS unit has been consistently organizing Blood donation camps every year in the institution in collaboration with YRC, Red Ribbon Club, and District AIDS Prevention Control Office. This year also students and faculty donated blood for a noble cause on the anniversary day of BITM-founder Smt.Basavarajeswari on 19.02.2021.This strengthens,sense of empathy and compassion among donors and also instills a sense of Commitment towards society. NSS unit led students of various UG Programs in conducting outreach activities mandated by VTU and AICTE for holistic development of students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://bitm.edu.in/wp-content/uploads/2023/05/3.6.1-Addl.-Info.-Weblink.pdf

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

1

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	**No File Uploaded**

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

27

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

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

1710

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

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

1

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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

6

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institution has an 11.00 Acres campus with state-of-the-art facilities.

- **The total area of UG&PG Classrooms is 5111.58 Sq.m comprising 59 classrooms and 12 seminar halls which are used for the teaching-learning process with ICT facilities and Wi-Fi connection.**
- **The total area of Laboratories is 4445 Sq.m and are well equipped for conducting experiments as per the VTU curriculum. To elevate the student abilities by identifying their special skills, the centre of excellence / incubation Centre /innovative labs such as Wipro MTLC, NI Lab View, Robotic Process Automation, IBM labs, Harita Tech Serv, FMS Lab, CNC Vertical Milling Machine etc. are set up on the campus.**

Total number of computers on a network for labs, multimedia, central computing centers is 1104 with firewalls and printers. The institution has 44 licensed legal application software's like AutoCAD, Mat lab, CMC, Oracle etc. and has 6 legal system software's. The Institute had an internet Bandwidth of 200 Mbps. (100 Mbps BSNL+100 Mbps AIRTEL) which is provided by BSNL and M/s Wave Enterprises Ballari.

Laboratories:

Laboratories have facilities to conduct VTU prescribed experiments. The programming labs are equipped with licensed software's (15 legal systems and 20 Application software's) with an Internet contention ratio of 1:1

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

The institution has a state-of-the-art auditorium established in the year 2017 with the capacity of 650 members equipped with state of an art Audio Video facilities, lighting arrangements with Central Air Condition. The institution also has an Open-Air Theatre which can accommodate 1500 students to conduct programs. In addition to it, the institution has several seminar halls which facilitate extracurricular activities conducted by different departmental forums/clubs and motivate the students awarding with mementoes and awards. The institution has various clubs headed by a cultural coordinator.

The institution organizes a three-day Annual day fest namely "EXPLORIKA" which provides an ideal platform for the students to exhibit their talents in various competitions.

Sports Facilities:

The institution has sports facilities for Indoor and Outdoor Sports & Games.Thesports department conduct internal sports competition during the Annual day in addition to the regular sports activity on a day-to-day basis. The students to participate in intra and interzonal VTU sports events held throughout the academic year.

Gymnasium & Yoga: The institution has a full-fledged gymnasium at the Boys and Girls hostel separately. Students practice Yoga regularly for their wellness and also invite Yoga Practitioners to train the students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	Nil

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

71

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

216.36

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

Institution has a voluminous library named as 'Knowledge Center' accommodated in a spacious building spanning 1100 sq.m with a reading hall capacity of 500 Students and reference section capacity of 65 students. Library is open for users from 9am to 10 pm. The collection of 99,849 Volumes of books comprising 11,039 titles. The e-Resource center with 23 systems providing on-line access, VTU- e-learning with 5TB of offline video lecturers and 3556 CD's & DVD's. Library has 11,111 E-books and 5561 e-Journals on various branches of Engineering, Science, Technology and Management along with 49 National and International Printed Journals and 123 back volumes. Books are barcoded and classified as per DDC classification. The Library resources are Bar coded and automated in the year 2008 Easylib 4.4.2 version and upgraded to web version 6.2a in 2019. Integrated Library Package is used for Transactions and web OPAC (Online Public Access of Catalogues) for ease of access. Library has two apps for remote access are mLibrary and easylib<>bitm. The library is a member of National Digital Library of India (NDLI), VTU e-Resource Consortia. A high-end SHARP AR Reprographic facility is available in library.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources | A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

34.63

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

147

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

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

Institute regularly upgrades IT facility including Wi-Fi. Total number of computers on network is 1104, printers are 105. Institution has 15 legal system and 20 application softwares. Institution contains Mac based secured Wi-Fi facility and F-secure Antivirus protection for servers and clients.

Institute had an internet connectivity Band width of 200 Mbps which is provided by BSNL and Wave Infinity Ltd. It has 03 core switches and 40 access points across the campus. It has optical fibre cable connectivity for all labs and separate servers are maintained for e-content and NPTEL videos.

Institution has well designed Auditorium with a seating capacity of 600, equipped with high definition projector with 3 LED TV's, and CCTV surveillance with recording facility and an audio system supported with 5000 watts.

All classrooms, seminar halls are equipped with LCD projectors and LED TV's with Wi-Fi facility. The Institution has centralised computer lab facility maintained under one common System Admin.1000 PC's are connected on a single LAN across the campus. It has ZYXEL(USG1100) Firewall protection. All faculties are having their own college e-mail ID's like staffname@bitm.edu.in served by Microsoft outlook 365 for better communication and improvements in academic standards.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3431	923

File Description	Documents
Upload any additional information	View File

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

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

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

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

169.62

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	No File Uploaded

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

Laboratory:

Regular maintenance of the machines, computers is done. Safety measures like first-aid kit, Safety charts, Fire extinguisher etc. are provided.

Sports:

PD conducts sports & Games as per schedule and maintains the sports facilities.

Classrooms:

Classrooms cleaned regularly with mopping.

Potable Water Supply:

RO systems are installed in institution for safe drinking water.

Sewage Treatment:

Campus has STP having capacity of 325 KLD approved by KPCB.

Solid Waste Management:

Wet & Dry waste collected within the campus is transported through Institute "Swachh Bharat" Vehicle to corporation segregation yard for scientific disposal.

Electricity and Solar Power:

Institute is provided with HT(11KV) service from GESCOM. Substation has 2 Transformers of capacity 250KVA and 100 KVA, also 350KW of Rooftop Solar Plant.

Electric Power Backup:

Backup is implemented with 2DG sets having capacity of 250KVA and 200KVA with AMF panel.

E-Waste disposal:

E-Waste is disposed as per KPCB guidelines.

Maintenance of Infrastructure:

It is maintained by Site-Engineer through different agencies. Institution having Lift facility and the same are under AMC. Hostel rooms are daily cleaned and mess facilities are FSSAI certified.

Equipment's:

All Major equipment are maintained by AMC. Minor Equipment's are repaired and maintained regularly. Calibration of equipment's are done regularly.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1627

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	**No File Uploaded**

5.1.2 - Number of students benefitted by scholarships and freeships provided by the

institution and non-government agencies during the year

98

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	<u>View File</u>

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

A. All of the above

File Description	Documents
Link to Institutional website	<u>https://bitm.edu.in//wp-content/uploads/2023/07/5.1.3-Addl.Info.pdf</u>
Details of capability development and schemes	<u>View File</u>
Any additional information	**No File Uploaded**

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

1850

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)	<u>View File</u>

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating

A. All of the above

awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

486

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

12

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

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

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

12

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

3

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

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

The role of the students in building activities and building their own future is necessary for the present scenario. BITM offers an opportunity for the students to participate in various administrative and academic committees. The views of students are considered in committee meetings.

Student's representation in various administrative and committees are such as:

1. Internal Quality Assurance Cell
2. Anti-ragging Committee,
3. Prevention of Sexual Harassment Committee,
4. Bhoomika College Magazine.
5. IEEE Chapter

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

2

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

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

Ballari Institute of Technology and management Alumni Association (BITM-AA):is registered under Karnataka Societies Registration Act 21 of 1960, Dated Dt-14-12-2015 with Registration No.BLY-S287-2015-16 at Ballari, Karnataka.

Association is established to provide forum for alumni of the college to connect, to promote the interests of the college and alumni members, promote goodwill among members, contribute to the cause of technical education by sharing the experience of the competent, help authorities to improve the academic activities of the college, assist members for their employment and service matters, co operate with other such bodies for same ends, promote other matters beneficial to prospects of association, extend financial help to economically backward and deserving students as scholarship for undergraduate, post graduate students of the institution, involve in curriculum design and honoring first year UG academic toppers.

In the last three years voluntary contribution of Rs 214800/- is received from the BITM. Data base is maintained through portal www.alumni.bitm.edu.in or mobile app "My Alumni Network"

. The total members in the portal are 5011 as on 08/11/2022.

Association is organizes annual alumni meet "Punarmilana" alternatively at Ballari and Bengaluru. Feedback of the members acts as impetus to improve the institute.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Nature of Governance:

The Governing council (GC) members form a supreme body are decided as per the rules and regulations of AICTE. GC monitors and evaluate the functions as a policy maker of the institution to impart quality education. The GC approves the mission and strategic vision of the institution, annual budgets in accordance with the interests of the stakeholders and monitors the institution's performance against the plans approved for effective implementation.GC approves the purchases, ratifies appointments, promotions and any HR related matters. The frequency of meetings of GC is twice a year or on a need basis.

Perspective Plans:

Focus on developmental aspects of UG and PG by incorporating modern teaching and learning methods, Infrastructure enhancement, internal revenue generation and accreditation with bodies. Improving R & D, collaboration with Govt bodies, industry and university, alumni interaction, entrepreneurship,

and social responsibility initiatives. Initiative to offer world class education and research and also to get funds from the funding agencies. The plans and policies of the institution are framed as per the collective inputs given by the management, principal and staff are implemented effectively. Various committees are created by the Management that include faculties who participate actively in decision making.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

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

Town hall meetings is a case study to illustrate the decentralization and participative management withteaching and non-teaching staff in the auditorium. The objective of the town hall meeting is to bridge the gap between the top management and the employees of all the levels. In this we also discuss the strategies, scope, road map and achievements of the previous academic year and scope of improvements. All the members are given opportunity to express their views . Town hall meetings are held and the decisions are taken during the meeting have been implemented successfully, with the opinions from faculty, students, industry, alumni and parents. Some of the important accomplishments are:

1.Accreditaion for EEE, Civil & MBA

2.Reaccrediataion for ECE, ME & CSE

3.Collaboration and MOU

Beginning of academic year / semester Management conducts meeting with all the faculties and stake holders

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://bitm.edu.in//wp-content/uploads/2023/05/6.1.2-Addl.Info.pdf

6.2 - Strategy Development and Deployment

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

1. **LTG3: To have 20% of faculty with Ph.D.: 43 awarded**
2. **LTG 6: To Facilitate students to become entrepreneurs by establishment of Incubation Centre**

Institution successfully established an Incubation center as per guidelines of GOVT. OF KARNATAKA(GoK) Dept. of IT & BT, Karnataka Innovation and Technology Society (KITS) under the banner of New Age innovation network (NAIN). Institution received a grant of 26.62 lakhs for 10 projects selected by NAIN team and Six projects are Completed. Institution has signed a MoU with Deshpande Startups. Institute organized a Workshop on Startups in association with District Industries Centre, on 03/01/2022 and 440 students participated. Institution is planning to conduct IDEATHON 2022 to select top 15 best projects for screening and selection by the team of expert committee constituted by GOK to receive funding of approximately 30lakhs.

3. LTG7: To augment technology based self-learning for providing skill sets and encouraging self-learning.

- **Adopt E-Learning solutions, Digital Learning and Interactive sessions.**
- **Encourage self-learning techniques.**

4. STG2: Academic Autonomy.

To get autonomous status with necessary approval from UGC and University.

5. **STG12: Enhance Industry Institute & Academic Collaborations.**

- **Enhancing number of MoU's with industry and re-visiting existing**

MoU's based on changing industry requirements.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://bitm.edu.in/wp-content/uploads/2023/07/6.2.1-Addl.Info-1.pdf
Upload any additional information	**No File Uploaded**

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

Functions of Principal:

- **To implement approved policies and decision of the Governing Body including budget in consultation with the top management.**
- **To take appropriate action for ensuring compliance with the AICTE, Govt. & University regulations.**
- **To constitute sub committees for delegation ofresponsibilities and coordinate for smooth implementation of policies with respect to academics, research and development activities, admissions, examinations & evaluations**
- **Monitoring the Training and Placement, Industry Institute Interactions and Incubation centre in consultation with Management.**

- **To keep up the pace with the development in higher education space and prepare framework for planned growth of the institution in consultation with the management.**
- **To ensure continuous improvement, periodic evaluation and monitoring of various process.**

Functions of the HOD's:

- **Provide necessary inputs to the principal in the councils**

- of the HOD's meetings and ensure effective and timely implementation of the decision taken in the meeting.
  - ○ Convene departmental staff meeting periodically for review

Administrative Officer takes up the matters related to:

- ○ Non-teaching staff to the principal who puts the matter to the management.

Admission, transportation, accounts, HR, Hostel, Security, maintenance, liasoning, Scholarship etc. and reports to the management regarding all the information.

File Description	Documents
Paste link to Organogram on the institution webpage	https://bitm.edu.in//wp-content/uploads/2023/05/6.2.2-Addl.Info.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Teaching:

Provident Fund (PF), Employees State Insurance (ESI), Casual Leave 15 days per annum, Earned leave 30 days for non-vacation category, Vacation Leave for Odd and Even Semester 30 Days, Group Gratuity Scheme linked to LIC of India with a life policy. Staffs are covered Accidental Insurance. Subsidized Transport Facility. Encouraging faculty for pursuing Ph.D., with Contingency amount. Sponsoring for various Workshops Conferences by bearing Registration Fees and TA DA Domestic and International Events. Deputing faculty for various value-added training programmes. salary advance is available to the staff through cooperative society and bank

Non-teaching:

PF, ESI, Casual Leave 15 days per annum, Group Gratuity Scheme linked to LIC with a life policy. Staffs are covered with Accidental Insurance, Subsidized Transport Facility,salary advance is available to the staff through cooperative society and bank.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

22

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

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

35

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit: It is an ongoing continuous process. We have a mechanism to check the books of accounts, receipts & payments through tally package for keeping accounts upto date which are periodically evaluated by the management. Provisional balance sheets are drawn and expenditures are compared with the budgetary proposals and periodically reviewed.

External Audit: The external auditor is appointed by the college Governing Body and the auditor performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountant after the end of each financial year and the same is certified w.r.t income & expenditures, balance sheet and receipts and payments. Statutory financial audit of Institute is conducted in two sessions, first session is from April to September and second session from October to March. Finalization of account is

completed in June and audited statement is prepared in July. The audited statement is duly signed by the Chairman and Chartered Accountant. All accounting systems are accrual basis computerized and maintained on Tally. The auditedreport is placed before the Governing body and the same is noted. The Institution also publishes audited financial statements on the institution website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilization of Funds:

Mobilization of funds in institute is through several ways. Primary source is through collection of tuition fees and transportation fee, from the students, interest and rental income. Institution is also receiving government grants from

UG Programs:

CET: For the year 2021-22 as per seat matrix the CET quota is 45% with a fee structure of Rs. 85,340 + Skill fees = 15,0000/-, COMED-K is 30% with a fee structure of Rs. 2,21,960/-+ Skill fees = 15,0000/-, + 0ther fees = 7,720 and 25% is Management Quota. fee structure is Rs. 1,00,000/- to Rs. 3,00,000/-

Grants Received in 2020-21:Nil (in Lakhs)

Utilization of Resources:

The financial resources of the Institute are sufficient. Considering inputs from the Department HOD's, members of Governing Body and the management, the budget is prepared; funds are allocated and utilized as per the budget. Any over/under utilizations of funds are looked into and appropriate measures are taken to rectify the same by reallocation.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

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

value added courses

To enhance the quality in academic and administrative domains, various IQAC strategies are institutionalized so as to keep in pace with the expectations of stakeholders like students, industry and society. Institute believes in nurturing the students into a wholesome professional and hence our students are encouraged to undergo Value Added Courses and attend workshops. These courses help students to,

1. Enhances learning skills, technical knowledge, creativity and ability to innovate.

2. Ability to compete with students at a global level.

3. Enables students to learn and understand the use of modern research tools.

Implementation of an Effective Mandatory Induction Programme

As per the proposal initiated by IQAC, Mandatory Induction Programmefor first year students will be conducted.

Process:

1. to make students aware of latest technology trends in industry,
2. Eminent experts are invited to deliver so that students can be benefitted fully to upgrade and enrich their knowledge.
3. English and Computer Proficiency assessment courses are conducted by the In-house faculty

Members to assess a student's employability quotient.

1. Lecture sessions are organized on Human Values, Ethics to understand their responsibilities towards the Society.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://bitm.edu.in//wp-content/uploads/2023/05/6.5.1-Addl.Info.pdf

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

Institute has well planned teaching learning process as per the Guidelines of IQAC to review the Teaching Learning Process. There are various teaching learning Processes like Subject Allocation, Preparation of Academic Administration Plan, Cluster mentor meetings, Student mentoring etc. Each of these activities is planned by the faculty and is reviewed thoroughly before rolling. Once the activities are rolled out, their progress is monitored as per the type of activity. The outcomes are analyzed and discussed with concerned faculty for further improvements.

Project Reviews:

Project Review is a two-semester process in which the students of final year and pre-final year pursue a group-based project on a question or problem of their choice in their relevant disciplines. With the guidance of a project guide, a

substantial work is carried out that reflects the understanding of the project.

NPTEL ONLINE CERTIFICATION COURSE

IQAC understands the importance of opportunities to explore new areas of interest, which are not possible in regular college environment so that our Staff and Students were encouraged to join NPTEL Certification courses with the objective of enabling staff and students to enhance their learning curve and to make them employable in industry or pursue a suitable higher education programme.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	**No File Uploaded**

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 Institution has 48% Girl Students and 37% of the Women Working employees. The institution has formulated a competent Gender equity and sensitization action plan based on the United Nations and Global Goals for Sustainable Development.

Safety and Security

The Prevention of Sexual Harassment Committee & Women Welfare is constituted (https://www.bitm.edu.in/map), Anti-Ragging Committee with prevention posters, CCTV Camera with multi-level security Checks, Alcohol Detection mechanism, Dispensary with Full Time Doctor & 24x7 Nurse, Proctoring, Fire extinguishers and hydrants are placed strategically and Napkin dispenser & incinerator in washrooms, Self Defense Classes, Lady Nutritionist & Doctors talk on Women Health and Nutrition is provided every year. Road safety club was constituted on 26th February, 2022 to create awareness on Road safety and precautions.

Counselling:

Proctoring of all students, Expert Talk from nutritionist, doctors, psychologist for mental health carried out every year.

Common Rooms:

Girls Common room is available for students at the Library, Ladies Rest Rooms and Hostels.

Any other relevant information:

Institutional Scholarship for meritorious Girls, Women faculty are promoted to leadership roles such as HOD's, coordinators of Clubs & forums, inclusion of women members in Board of studies & examiners

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bitm.edu.in//wp-content/uploads/2023/05/7.1.1-Addl.Info.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

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

Solid waste management

Dustbins are available in the campus to collect Dry & Wet Waste separately. Waste generated is scientifically segregated at the source as per the norms of the PCB and disposed.

Liquid waste management

Network of underground sewer lines which in-turn are connected to common line diverting entire sewage to single source. Treatment is done through 325 KLD STP built at a cost of Rs. 60 Lakhs approved by PCB.

Biomedical waste management

Institution has Tied up with Basaveshwara Medical Centre (BMC), Ballari. Waste generated is handed over to BMC which in-turn has an MoU with M/s Suryakanth Environmental Technologies ® to dispose the Bio-Medical Waste Scientifically as per the Govt. norms.

E-waste management

E-waste is handed over to Sogo-Energy Pvt Ltd., for which Institution has an MoU for disposing E-Waste

Waste water recycling system

Sewage water is processed in the STP plant.Treated water isused for gardening.

Hazardous chemicals and radioactive waste management

Before disposal of chemical waste, it is diluted by adding a coagulant to facilitate precipitation. The treated effluent is drained into the UGD system for further Biological treatment through STP.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
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:

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

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information:	**B. Any 3 of the above**

Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

Institution conducts 15 days Student Induction program. Talks on Code of Conduct, Universal Human Values and Professional ethics are delivered sensitizing on harmony and diversities. To bridge the Socioeconomic gap, SDP on Computer Fundamentals was conducted for rural background students.

All the staff members compulsorily underwent an ISO induction program on inclusiveness, Universal Human values and Responsible usage of social media.

NSS students organized Sadhbhavana Diwas on 20th August, 2021 to highlight harmony and peace. Mathrubhasha Diwas was organized on 21st February 2022 to sensitize the students and staff on the importance of preserving & respecting their mother tongue and promoting other Indian languages. National Unity Day was celebrated on 30-10-21 to educate the inherent strength and resilience of our nation for unity, integrity and security. Gandhi Jayanthi / International Non-violence Day was celebrated on 2nd October, 2021 to highlight on Peace.

Institution celebrated Independence and Republic Day with speeches on national unity.

Ethnic Day was organized to represent the different cultures of states.

International Women's Day was organized on 8th March, 2022 on the theme "Gender equality today for a sustainable tomorrow".

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

Employees of the Institution were oriented on various constitutional and Universal Human values by the faculty trained in Universal Human Values. Institution conducted 15 days' induction program for first year students on Universal Human Values, Professional Ethics and relating the information to Fundamental duties, directive principles and responsibilities of citizens. As a part of the curriculum, constitution of India and professional ethics (CIPE) is taught as a credit course for the students.

Every year institution celebrates Republic Day and Independence Day to constantly remind the faculty and the students with respect to the sacrifices made by our freedom fighters and recollect the contributions made by Dr. B. R. Ambedkar, father of our Indian constitution. Students and staff spoke about fundamental rights & duties, Human rights and directive principles of the constitution. Institution celebrated constitution day as "Samividhan Diwas" on 26th November, 2021. During this day, all the staff and students took an oath to follow and protect the constitution of India. Institution organized awareness program on "National Voters Day" 25th January, 2022 and conducted awareness campaign among the students and at a nearby village to sensitize the public with respect to voting and participation in democracy.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	**No File Uploaded**

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

Independence Day(15/08/2021): Students unfurled the national flag and spoke about the sacrifices made by Freedom fighters.

Teachers Day(05/09/2021): Students spoke on contribution of teachers in shaping their career. Principal/HODs highlighted the contributions of Sri. Sarvepalli Radhakrishnan.

Engineers Day(15/09/2021): Talks was delivered by Chairman on Sir M.Visvesvaraya and honored the faculty members acquired the

Ph.D. degree.

Ozone layer Preservation day(16/09/2021): NSS Volunteers organized awareness on the importance of Ozone Layer and products which effects the Ozone Layer.

Gandhiji & Lal Bahadur Shastri Jayanthi(02/10/2021): College fraternity recollected importance of peace, non-violence, hygiene and Swachh bharath undertaken.

Karnataka Rajyothsava Day(01/11/2021): Students spoke on the importance of statehood, Kannada Language and personalities for their contributions.

World Aids Day(01/12/2021): NSS Volunteers spread the awareness on prevention of AIDS at Allipur village on the theme "End inequalities.End AIDS".

National youth day(12/01/2022): Student recollected the message put forth by Swami Vivekananda and the role of the youth in the development of the Nation.

Republic Day(26/01/2022): College fraternity hoisted the National Flag and recollected the importance of protecting the constitution and contribution made by Dr. B. R. Ambedkar.

International Women's Day(12/03/2022): Ms. Chandana, EEE Department was felicitated for securing 1st Rank In the University.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

https://bitm.edu.in//wp-

content/uploads/2023/05/7.2.1-Addl.Info.pdf

File Description	Documents
Best practices in the Institutional website	https://bitm.edu.in/best-practice/
Any other relevant information	https://bitm.edu.in//wp-content/uploads/2023/05/7.2.1-Addl.Info.pdf

7.3 - Institutional Distinctiveness

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

The institution laid out a strong thrust for the Graduation outcomes, mainly with respect to the Placements as well as for NBA accreditation for the CIVIL, EEE & MBA.

The institution laid a strong focus on training the graduates through a well-defined training plan. The students were provided with product-based training and company specific training, which enabled the students to get placed not only in service-based mass hiring companies but also in high salary product-based companies. The institution also provided opportunities in core companies for ME, CIVIL and EEE. The institution rolled out 858 offers from top companies and 5% of the students were placed in product-based companies with a highest salary of Rs.14 lakhs per annum which is a significant improvement compared to last academic year.

The institution was successful in obtaining NBA accreditation for UG programmes of CIVIL, EEE and PG programme of MBA. Accreditation of MBA resulted 100% in admissions. The institution was also successful in improving the admissions for core engineering programmes. This ensured all the eligible programmes were NBA accredited. This demonstrated that the institution is able to meet the graduate outcomes as defined in the strategic plan.

File Description	Documents
Appropriate link in the institutional website	https://bitm.edu.in//wp-content/uploads/2023/07/7.3.1-InstitutionalDistinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To revamp the UG syllabus for 1st year with core focus on stream specific courses in-line with NEP-2020.
- To set-up centre of excellence in inter-disciplinary field namely automotive electronics.
- To place 60% of the eligible students in top companies through the placements & Training programs.
- To create a focus group of final year students and provide an extensive training for excelling in product-based companies with high salary packages.
- To lay the foundation stone for the Silver Jubilee Block, comprising of Research and Innovation Centre, Centre of Excellence's and additional Start-up space.
- To collaborate with Deshpande foundation with Start-up and Rollout various entrepreneurship program initiatives such as prototype design, start-up accelerators and innovation contests.
- To setup research centre in Department of Civil Engineering.
- To augment 50 KW rooftop Solar Power Plant for 325 KLD UGD water treatment plant.
- To conduct several programs under institute innovation council with an aim to obtain atleast 2 star rating.
- To reframe R & D policy in-line with Best practices adopted from Top Institutes.
- To organize an international conference in the month of April 2023.
- To organize silver jubilee Alumni meet in Feb-2023.