YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

BHAGWANT INSTITUTE OF TECHNOLOGY BARSHI

- Name of the Head of the institution

  Dr. Deshmane A.K.

- Designation

  Principal

- Does the institution function from its own campus?

  Yes

- Phone no./Alternate phone no.

  9822553157

- Mobile No:

  7020731525

- Registered e-mail

  principal@bitbarshi.edu.in

- Alternate e-mail

  bitbarshi6781@gmail.com

- Address

  Gat No.1242,Latur-Kurduwadi road, Tadsoundane road,Barshi

- City/Town

  Barshi

- State/UT

  Maharashtra

- Pin Code

  413401

2.Institutional status

- Affiliated / Constitution Colleges

- Type of Institution

  Co-education

- Location

  Rural

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Dr. Babasaheb Ambedkar Technological University, Lonere**

- Name of the IQAC Coordinator   **Mundhe V L**

- Phone No.   **02184220070**

- Alternate phone No.   **02184220071**

- Mobile   **9420543864**

- IQAC e-mail address   **vlmbarshi@gmail.com**

- Alternate e-mail address   **bitbarshi6781@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://www.bitbarshi.edu.in/naac/pdf/annexure-I.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://bitbarshi.edu.in/academic-calender/2020-21.html

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.75**	**2019**	**02/10/2019**	**30/09/2024**

6.Date of Establishment of IQAC   **19/03/2018**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NA	**NA**	**NA**	**NA**	**00**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC   View File

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   [View File](#)

10.Whether IQAC received funding from any of the 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)

1. Initiated and completed the syllabus in the even semester of academic year 2020-21 and conduct of internal examinations online mode to handle the pandemic situation. 2. Provision of free access to COURSE MOOCs platform for students and faculty to upgrade their skills during the lockdown period was initiated and succeeded in getting fruitful results. 3. Provision of Hardware and Software facilities to conduct the classwork for 202021 academic year through online mode was initiated. 4. Provision of precautions/measures in the campus against COVID19 unlock was initiated. 5. Initiated extension activity by involving technical expertise under Unnat Bharat Abhiyan.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
To celebrate different days.	Days like Science Day, Women's Day, World Health Day, and World Environment Day were successfully organized.
To celebrate Teacher's Day – (Rewards system)	Teacher's Day was celebrated on 05/09/2020 and rewards were given to best teacher, best class, best GFM, best department, best HoD etc.
To organize induction program for newly recruited faculty members.	Induction program for newly recruited faculty members was conducted.Faculty members were informed about the society and institute as well as about the rules and regulations to be followed. They were informed about the standard procedures and documentation formats for various activities. Session on 'Formation of CO statements and CO attainment calculations' was conducted by IQAC coordinator. All the newly recruited faculty members were taken for the visit of all the departments and common facilities.

13.Whether the AQAR was placed before statutory body?   No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
1.Name of the Institution	**BHAGWANT INSTITUTE OF TECHNOLOGY BARSHI**
• Name of the Head of the institution	**Dr. Deshmane A.K.**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**9822553157**
• Mobile No:	**7020731525**
• Registered e-mail	**principal@bitbarshi.edu.in**
• Alternate e-mail	**bitbarshi6781@gmail.com**
• Address	**Gat No.1242,Latur-Kurduwadi road, Tadsoundane road,Barshi**
• City/Town	**Barshi**
• State/UT	**Maharashtra**
• Pin Code	**413401**
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• Affiliated / Constitution Colleges	
• Type of Institution	**Co-education**
• Location	**Rural**
• Financial Status	**Self-financing**
• Name of the Affiliating University	**Dr. Babasaheb Ambedkar Technological University, Lonere**

• Name of the IQAC Coordinator	**Mundhe V L**
• Phone No.	**02184220070**
• Alternate phone No.	**02184220071**
• Mobile	**9420543864**
• IQAC e-mail address	**vlmbarshi@gmail.com**
• Alternate e-mail address	**bitbarshi6781@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.bitbarshi.edu.in/naac/pdf/annexure-I.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://bitbarshi.edu.in/academic-calender/2020-21.html

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13.Whether the AQAR was placed before statutory body? No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	07/02/2022

15. Multidisciplinary / interdisciplinary

16. Academic bank of credits (ABC):

17. Skill development:

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

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

20. Distance education/online education:

Extended Profile

1. Programme

1.1 Number of courses offered by the institution across all programs during the year	**04**

File Description	Documents
Data Template	[View File](#)

2. Student

2.1 Number of students during the year	**787**

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**300**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**241**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**65**

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**60**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**17**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**228.194**
4.3 Total number of computers on campus for academic purposes	**310**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Response:

The institute is affiliated to Dr. Babasaheb Ambedkar Technological University Lonere. The curriculum and syllabus prescribed by the university are strictly adhered to. To strengthen the teaching-learning process the College has strategized ways and means in the following ways:

A. Planning of Academic activities and calendar in alignment with the University issued Calendar of Events

B. At the beginning of the semester formulation of objective-driven teaching plan is done.

C. Effective delivery of the curriculum to achieve "outcome-based approach" by actively involvement of students in teaching-learning processes and employing learner-centric techniques such as web related assignments, peer learning, group discussion, use of NPTEL Lectures, case studies, MOODLE, knowledge wall, projects, surveys, quiz etc., Guardian Faculty Members (GFM) mentoring 15 students by entrusting the teaching faculty on academic and personal issues of students.

D. Organizing suitable guest lectures by industry personnel, seminars, industrial visits and training programs to improve the effectiveness of the implementation of the curriculum designed

E. Motivating students for doing research work and present papers in seminars and conferences and publish in journals.

All of the above processes are well documented and planned for effective curriculum delivery.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	**Nil**

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

Response:

The institute follows the academic calendar of Dr. Babasaheb Ambedkar Technological University Lonere university. The institute prepares its own academic calendar in-line with the university academic calendar before the commencement of each semester. Each department prepares its academic calendar showcasing events planned by the individual department based on the Institute's academic calendar. A schedule of curricular activities, assessment dates, technical events, class tests, submission of mark lists, list of holidays and extra-curricular activities are included in the academic calendar of the Institute. Students are then informed about the time table and the academic calendar.

All the departments conduct Internal examinations on the dates planned in the academic calendar. In the first-semester test one is conducted in the month of October and the second test is conducted in the month of November. In the second semester, two tests are conducted in the months of April and May. Results of internal assessment are declared and communicated to students within a scheduled time.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	Nil

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

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

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

04

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

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

Nil

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

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

00

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

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

Response:

Our Institution believes to create a positive effect on the students in their educational and societal commitment by integrating cross-cutting issues with the curriculum.

Gender quality:

- **For encouraging boys and girls, our Institute organizes different functions like Cultural events, sports under the departmental associations.**

Environment and Sustainability:

- **With the help of students, our institute celebrated the environmental day, organizes various activities like tree plantation, public awareness during festival season.**

Human Values and Professional Ethics:

Human Values:

To inculcate good human values among students is a necessary part of the curriculum. So to ensure ragging free environment college has Anti-ragging cell, internal complaints committee & discipline committee

Professional Ethics:-

Professional ethics encompasses personal & corporate standards of

behavior expected by professional. Institute has given equal importance about professional ethics along with academics because knowingly & willingly students should not do wrong things.

Sr. No.

Cross-cutting issues

Title of course addressing CCI

Progrme/Branch

1

Gender equality

Basic Human Rights

SY B.Tech. All

2

Environment and Sustainability

Energy and Environment Engineering

FY B.Tech. All

3

Human Values

Basic Human Rights

SY B.Tech. All

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

06

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

918

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

C. Any 2 of the above

File Description	Documents
URL for stakeholder feedback report	**No File Uploaded**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	**No File Uploaded**

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.bitbarshi.edu.in/naac/pdf/annexure-III.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

300

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

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

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

60

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

The college admits students from various socio-economic backgrounds. The college conducts every possible measure to assess the learning levels of its students. The students are counseled, guided and oriented at the time of admission to make them aware about the course, mode of internal assessment, external assessment, curricular and co-curricular activities, rules and regulations of the institution as well as facilities available in the college. The list of courses, curricular and co-curricular activities, rules and regulations, facilities available etc. are also published in the college prospectus which is provided to the students before the beginning of academic sessions. In the first year, students are also segregated according to their merit, based on, CET score. Direct Second Year admitted students are segregated according to their Diploma final year marks and Prerequisite test.

*Programs for both slow learners and advanced learners

1. Content Delivery

1. Teaching-learning process using instructional strategies and use of ICT.

2. Expert talk, Guest lectures, seminars/presentations on advanced topics.

3. Mock practical oral examinations.

* Assessment Strategies

1. In semester Evaluation (ISE) - Two Tests (SUS) / Two mid sem Test (BATU)

2. Internal Continuous assessment (ICA)

* Academia-Industry Interaction

1. Industrial Training

2. Industrial visits

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

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

Number of Students	Number of Teachers
784	**65**

File Description	Documents
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

Response: At our institute, to improve students' learning by reducing the gap between teachers' expectations and students' level of learning, faculty members are practicing various learning and teaching methodologies. Students' learning outcome depends on the instructional strategy being employed by the faculty member. Therefore, while planning for course delivery, teachers at our on the basis of predefined learning outcomes, develop the assessment methods and then select instructional strategies that engage students in multiple activities rather than just attending and noting down points while in class, making the class more active and assist in attaining the identified learning outcome. Following are some of the strategies employed by faculty members during their content delivery: Participative Learning: 1. Role-play demonstrating various concepts

Experiential Learning: Experiential learning is the process of learning through experience. Institute is inculcating self-learning and lifelong learning skills through Projects, seminars, mini projects, vocational training, parametric study,lab practices, etc. Problem Solving Methodologies (for critical thinking and analytical thinking): 1. As students admitted in our institute are from farming and rural backgrounds, so they are inspired forcreating projects for ease of farmers to improve their economy and ease their work.

2.. Handout based Learning for subjects with lab practices

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

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

Faculty members of the college use ICT technology to improve the teaching and learning process. Different software's available online is integrated with teacher's explanation and students are encouraged to learn and practice through interactive activities. LCD projectors, computer/laptops/tablet systems are used in the classrooms. You- Tube, E- mails, Whats App group, Telegram, Zoom and Google classrooms, webex app, College website are used as platforms to teach, communicate, provide material and syllabus, make announcements, conduct tests, upload assignments, make presentations, address queries, mentor and share information. These applications are also used to provide online education during the covid-19 situation. BSNL facility is also available in the campus for the students and staff. The library also provides access to computers and online journals freely available in public domain and also to journals subscribed on the advice of faculty and facilitates downloads. Xeroxing facility is also available in the library. Hostels are also equipped with computer labs and Wi-Fi facility to encourage learning. Syllabus and study materials are also made available on the MOODLE.

Student attendance, feedback are also received online from the students and faculty members.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.bitbarshi.edu.in/pdf/AQAR2021/ict_enabled_tools

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

2.3.3.1 - Number of mentors

60

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

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

60

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	[View File](#)

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

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

03

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

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

2.4.3.1 - Total experience of full-time teachers

462

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Response:

The internal evaluation system at the institute level is based on the following parameters

- **Regular attendance of the student**
- **Internal POE**
- **Proactiveness during the session and its accuracy**
- **Performance in weekly assignments**
- **Journal and Assessment of Practical's**

Our internal assessment is very transparent due to the following features:

- **Head of Department and Class Coordinators (CC) conduct**

orientation programs at the beginning of every semester, in which the entire schedule and system of internal evaluation are conveyed to the students.
- **Well defined assessment schedule for every semester which is a part of the published academic Calendar.**
- **The course curriculum for every test is predefined and made known to students well in advance Weightage is known to students**
- **Students' performance in assignment and laboratories are communicated in the stipulated cycle. For any queries, they are free to contact subject teachers.**
- **Final Year students are informed about project assessment. The project diary includes the entire schedule of project stages, which is prepared and distributed to all groups.**

Robustness in terms of frequency and variety.

Over a period of time, we have been giving a good hearing on the grievance of the students and accordingly, the changes/alterations have been incorporated time to time in the system making it more robust. We always encourage input from the students in this regard.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	**Nil**

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

At institute level Exam Grievance cell is established to look after about any query regarding the exam by the student.

Sr.No.

Name

Designation

Committee Designation

1

Dr. A.K. Deshmane

Principal

Chairman

2

Mr. A R Shinde

Asst. Prof.

CEO

3

Mr. D B Patil

Asst. Prof.

Member

4

Mr. S.G. Shinde

Asst. Prof.

Member

5

Mr. S S Nalawade

Asst. Prof.

Member

6

Mr. N S Limkar

Asst. Prof.

Member

1.At Departmental Level

1.The continuous evaluation of students is carried out by faculty in terms of theory lectures, labs,

assignments, etc.

2.The term work marks are allotted based on defined strategies and displayed on notice board.

3.Query if any is discussed with Department Exam Coordinator.

2.At Institute Level

1.The committee constituted by the Principal of the Institute consisting of senior faculty members takes care of the grievances regarding the evaluation process.

2.In case of any discrepancy in University result sheet, Institute verifies the details in available

records at the Institute and guides the student with a possible solution at Institute level or refers him with a proper document to the university.

3.After conduction & evaluation of the test, the subject teacher distributes evaluated copies of their test papers to the students. The solutions for the question paper are discussed in the class. The students can approach the teachers in case they need clarification on the award of marks and scheme of valuation discussed in the class. The teacher clarifies doubts regarding evaluation.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Institute has well defined learning outcomes. The vision andmission of the institution emphasizes on promoting value

educationthrough motivated trained faculty to prepare the students to acceptthe challenges of globalization. The College has a proper mechanismof communication of the learning outcomes of the Programs andCourses, which includes following

- The program outcomes and Course outcomes are specified by Dr. Babasaheb Ambedkar Technological University Loner in its syllabusdocument.
- The courses whose course outcomes are not specified by the University, course co-ordinator prepares it for respective subjects.
- The subject teacher maps COs to POs.
- The subject teacher carries out the assessment of the achievement of COs and POs.
- COs and POs are communicated by the respective subject teacher in their classes.
- Also, it is Communicated by GFM at student their sessions.
- Display of COs and POs on the institutional website.
- Course file contains it in detailed.
- Displayed on all prominent places in the college building.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

Response: Several strategies are designed for assessment of the attainment of program outcomes, program specific outcomes, and course outcomes. Each Course Outcome (CO) is mapped with POs / PSOs. Several Policies are defined for the attainment of each CO through mini-project, tests, lab work, andstudent's activities by the course coordinator. CO's are mapped with all questions asked in the internaltest. As the affiliated institute, there is a 60% weightage for external tests and 40% for internal tests. Also, CO's are mapped with the Performance of students in projects, lab work, and student's activities. The attainment of COs is evaluated using direct tools like a test, projects, performance rubric, and student's portfolio at mid-semester and end semester. The

attainment of POs/PSOs is evaluated through CO mapping. For the perception of self-evaluation using indirect tools like course end surveys, and exit surveys are employed. Weightage is given for getting overall attainment of POs/PSOs is 50% for the test, for getting attainment through student's activity is 40% and for indirect tools through various surveys and feedback is 10%. As the reports of attainment are assessed and evaluated by course and program coordinators, the action plan for improvement is suggested in next cycle.

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

2.6.3 - Pass percentage of Students during the year

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

221

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.bitbarshi.edu.in/naac/pdf/annexure-V.pdf

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)

http://www.bitbarshi.edu.in/pdf/AQAR2021/SSS/PDF

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research

projects / endowments in the institution during the year (INR in Lakhs)

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

00

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

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

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

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

02

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

06

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

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

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

00

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

The College regularly conduct the extension activities in the villages and weaker sections of the societies. These programmes aims to connect the Higher Education Institutions with the

society. This will transform the outlook of the students and inculcate leadership qualities in the youth. They will prove good administrators, good humans with good moral behavior and responsible citizens in future. Such citizens help in Nation building. At the same time the needs of the society and the needs of the downtrodden sections are fulfilled.

The NSS units could not conduct the activities as where planned, due to pandemic, but some extension activities conducted in the academic year 2020 are as under;

1. During the peak pandemic period (March-August 2020), College administration starts COVID-CENTRE by providing accommodation for Covid patients. Two of our buildings, Boys hostel and a lecture Hall were used as Covid isolation centers. The covidcentres were provided all the facilities Viz. Breakfast, lunch, dinner, free medicine Electricity, Genset etc.

3. Our staff members actively and enthusiastically assisted the College Examination Cell in conducting the MH-CET 2020 during 2nd wave of Covid Pandemic, in Aug- Sept 2020.

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

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

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

00

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	No File Uploaded

3.3.3 - Number of extension and outreach programs conducted by the institution through

NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

04

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

22

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

05

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Response:

The institute vision is to constantly improve the students learning environment, for that the institute has created and enhanced the infrastructural facilities regularly. The state-of-the-art infrastructure augments learning and promotes a good Teaching-learning environment.

AICTE and Dr. Babasaheb Ambedkar Technological University, Lonere are the statutory body which specifies the minimum requirement of facilities for teaching learning. The institute has all facilities as per the minimum specified requirement by statutory bodies.

Total 16 classrooms, 4 tutorial rooms 38 laboratories, common computer centre, workshop, central library, 3 seminar hall, 1 open auditorium, canteen facility and playground are available in the campus. Every department has dedicated laboratories and classrooms. Considering the contact hours of each course, classroom and laboratory utilization time table is planned by the departments. Regular Classroom and laboratory sessions are conducted six days a week.

Resources are shared across departments whenever needed. Every department has computer laboratories which are utilized for on-line examinations, aptitude tests, project development and competitions by students of all departments.

Specialized features: Institute has created the Learning Management system on MOODLE platform available to all faculty and students for e-learning, Project Labs are available to enhance practical Knowledge about new trends in engineering and technology.

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, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

Sports facilities have been established for various games inclusive of Cricket, Football, Basketball, and Volleyball to ensure the focus of the institute in providing extra-curricular activities to the students. Separate and spacious hostels are provided for both boys and girls from various regions of the nation.

The institute has adequate sports facilities and cultural centers for holistic development of students. The details of the facilities available are as follows:

1) Open playground 1700 Sq. M.

2) Basketball court with size- 28mx15m meters

3) Volley ball courts with size- 18mx9m

4) Football cum cricket field with size- 90x45meters.

5) A Kho-Kho ground.

6) Indoor games facilities like Carrom and table tennis are made available to the students.

College has a well-equipped gymnasium with facilities such as machine exercises, free weight exercises etc., Physical Education Director is appointed to train the students participating in various zonal, all India and Inter-university level tournaments.

The College has Open Theatre with sound system, music system, drum set, light system and various allied equipment. To promote Indian classical culture among students and Hobby Club is formed with sufficient number of traditional and modern musical instruments. Every year students organize cultural event named "Tech-Fest", which is annual Social Gathering in which dance, skits, singing etc. are promoted. The students from college have participated in various state and national level competitions and also won prizes in the same. Students are motivated to participate in intercollegiate competitions.

File Description	Documents
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 such as smart class, LMS, etc.

17

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

17

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

19.027

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Response:

The Central Library of the institute is fully automated with KOHA (by KOHA open source community) Software version 18.05.This system enables efficient library administration to cater students and staff services. This software has various following modules as under;

Circulation (lending materials to patrons and receiving them back): In the library circulation module provision is made to issue/return/renew for books circulation, non-print material circulation (CD, DVD etc.) and serial circulation (Print Journals/Magazines).Library rules setting; generate the barcodes, listing of books (by authors, publishers, and suppliers), printing

of member barcode, etc. There is provision for immediate
confirmation of library transactions through the email and message
alert facility.

OPAC: Online Public Access Cat Log for searching the library
resources. User can search the library resources as per follows:

1. General Search: Title Author Publication Keywords
Classification

2. Advance Search: The searching can be done with various
combinations Title Author Publication Keywords Classification.

3. Accession Search: Search can also be done through the accession
numbers without remembering the title or author of the book. This
facilitates fast & accurate searching. Reports: This is an
important component of the Integrated Library Management System
(ILMS) which helps to generate various reports/ returns.

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

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

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	No File Uploaded

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

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

3.40

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

40

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The Institute has a dedicated System Administration cell to take care of hardware and internet connectivity, software installation, creating new software and their maintenance. System Administrator with his team is taking care of all the Planning, Designing, Product Evaluation, and Implementation work, along with the renovation of the old network infrastructure. Recently the Internet connectivity bandwidth is upgraded to 60 Mbps speed. Institute has internet security mechanism with Cyberoam firewall software. Institute have dedicated servers for Learning Management System (LMS) like Moodle.

Computer to students ratio :-1:6 Availability of licensed software: - Available.

System Software

Windows 8 Pro

Windows 8 Pro K

Windows 7 Professional KN with SP1

Windows Server 2003 R2, x32 Ed.

Windows Server 2003 R2, x64 Ed.

Windows Server Standard 2008

Office 2007 Suites

Office Standard 2010

Office Standard 2013

Internet and WI-FI facility

Internet Facility Details:100 Mbps leased line

Content Ratio: 1:1

(ISP provider –BSNL

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

4.3.2 - Number of Computers

310

File Description	Documents
Upload any additional information	View File
Student – computer ratio	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	<u>View File</u>

4.4 - Maintenance of Campus Infrastructure

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

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

42.229

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

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

Response:

The Institute continuously strives to meet the growing needs of the twenty first century academic world making available adequate physical infrastructure and constantly upgrading facilities in order to provide a good teaching learning environment. Academic Council/IQAC convenes regular meetings to assess the infrastructural facilities and requirements. In order to ensure maintenance and optimum utilization. The institute is a much sought after venue for conducting various public examinations due to its infrastructural facilities. The College has well established procedure of maintaining and utilizing academic and support facilities.

Physical Facilities:

```
Classrooms, Tutorial rooms and Seminar halls:

Before commencement of each semester, Head of the Department
inspect the class rooms and tutorial rooms to check out the
adequacy of furniture, working of projectors, tube lights, fans,
etc. and make sure all the facilities are available in good
condition for the students. The college is having in-house.
Maintenance team and Annual Maintenance Contract with agencies to
carry out repairs and maintenance work.


Laboratory and Workshop Facilities:

Adequate laboratory facilities exist for carrying out all the
experiments as per curriculum.


Computers:

Each department has its own computing laboratories fully equipped
with latest computer systems, printers, relevant license soft
wares and internet connectivity for the benefit of the students.
```

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 benefited by scholarships and free ships provided by the Government during the year

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

599

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

10

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

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

File Description	Documents
Link to institutional website	**Nil**
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

92

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

92

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

96

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

01

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

0

File Description	Documents
Upload supporting data for the same	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/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

0

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

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

The Students Council (SC) provides programs, activities, and services which serve the co-curricular cultural, social, technical and educational interest of students at the University and colleges. It contributes to the development of student's leadership skills and experience, program planning, and development.

Following is the narrative of functions and events conducted by various Committees: 1.Students Council: Under section 40(3) of Maharashtra Universities Act, 1994, this council is established every year in the Institute and it performs its duties prescribed. 2.This committee co-ordinates various cultural activities and events throughout the year. Our students participate in prestigious intercollegiate competitions such as poster presentation, project exhibitions 3.This Committee organizes inter-departmental sports events. Our students actively participate invarious sports in the intercollegiate, inter-university, state level. 5.Library committee: Library Committee had been constituted for the purpose of the smooth functioning of the library and coordination. 6.Academic & Administrative Bodies: The student representatives are as a part of Academic & Administrative Bodies such as Departmental associations, Students Council, Placement Cell, Technical and Non -technical activities. 7.Role of Student Representatives: Collecting student database for technical & Non-technical events. Organizing different social activities during the Academic year such as tree plantation, blood donation, swachata Mohim

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

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

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

00

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

5.4 - Alumni Engagement

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

Response: Alumni of any institute have strong emotional attachment with their institute. They are the brand ambassadors of the institute spread far and wide. Alumni have been and shall continue to be an important resource for any institution of learning provided alumni linkages are nurtured and their involvement with institute affairs is facilitated. The Alumni Association plays an important role in helping to shape the future of the Institute by representing the views of its members and contribute to build an engaged and supportive alumni community. Institute with its existence over a decade has a significant pool of its own alumni. The alumni is engaged with institute since first batch of graduation in year 2014-15, however the formal registration is done on 03rd March2018 and got registered in the year 2018 as "Bhagwant Institute of Technology Alumni Association, Barshi" with

registration number Solapur/0000096/2018. Under this association institute has collected Rs 48000/- as a registration Fees from alumnus. The alumni of this Institute are giving the suggestions for recent trends in industry and accordingly the topics are covered through expert lectures, industrial visits or value addition programs. Every Department has a separate Alumni coordinator who conducts Alumni Activities.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **E. <1Lakhs**

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 and in tune with the vision and mission of the institution

Vision "Satisfy the ambition of youth, who want to lead and serve our nation towards prosperity through techno economic development." Mission "To provide, foster and sustain a milieu of high academic excellence, research, and entrepreneurship for all those aspiring students, which will prepare them to face global challenges, crafting high ethical and moral standards." The Vision and Mission are reflected in effective leadership within the institute. The Vision and Mission of the institute give the surety the need of the students by giving them quality education by which it will lead them towards the development of the country. The governance in the Institute is consists of Governing Body (GB), CollegeDevelopment Council and Internal Quality Assurance Cell (IQAC). All these work collectively tokeep an environment of academic excellence and position within the Institute in the preferred list of all the stakeholders. The institute believes in giving powers to different committees and cells in the Institute through its strategic policies. The weekly meetings of the Principal and Heads of Department are conducted to discuss

academic problems and review the development. The Head of Departmentcommunicates these academic problems or new plans to the faculties in departmental meetings.

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

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

The Institute practices the decentralization and participative technique in its governance. The Institute delegates authority for efficient implementation of the rules concerning teaching load distribution and allotment of portfolios to distinctive staff members. Also, student evaluation and assessment are delegated to the Academic Coordinator. The Principal is always open to dialogue with the teaching and non-teaching staff which, in turn, encourages the involvement of the staff for the development of effectiveness and performance of the Institutional progress. There are various committees constituted to control specific institutional activities.

Regular committees and designations with roles and responsibilities

Sr. No.

Committee/Designation

Responsibilities

1

IQAC Coordinator

Monitoring quality aspects of activities undertaken

2

Academic Coordinator

Monitoring all academic activities on daily basis

3

Guardian Faculty Member

Monitoring and motivating student activity individually

4

Time Table Coordinator

Prepare time table of three years including all subjects

5

Chief Examination Officer

Smoothly conduct internal exam and university

Sample Task Performed by committees

1. Regular monitoring of lecture and practical, by Academic Coordinator.

Monitoring and improving students' attendance and solve their problems on personal level, by GFM

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic Plan

The strategic plan of Bhagwant Institute of Technology focuses on new environmental changes and challenges particularly in new millennium are forcing educational institute to revamp its strategy and action plans. Under the circumstances of change, strategies of Bhagwant Institute of Technology have been reviewed periodically by a board of governance committee. A perspective

plan outlining the action plans for implementing the strategy was drawn up. Subsequently as a part of planning cycle, Perspective plan has been reviewed and revised at intervals.

The broad goals of Perspective plan 2019-24 are affirmation of Bhagwant Institute of Technology's commitment for thirst for Engineering excellence, value based education, research innovative practices and spirit of entrepreneurship.

Bhagwant Institute of Technology seeks to attract the best students from diverse backgrounds and offer them an excellent educational experience. It offers many academic programs, an inviting and stimulating ambience for education and research and a rich suit of extra and co-curricular activities.

Objective 1: To develop strong industry-institute interaction for enhancing the teaching learning process and explore the job opportunity to students.

Objective 2: To train and develop the faculty members for imparting quality education to the students.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Response:

The institute has an organization structure wherein the faculties are involved in various decision making bodies of the institute. Decision will be made by GB and CDC is disseminated by Principal, Academic Coordinator and HODs.

Governing Body:

- The Governing Body is the head body of the Institute which

is constituted by Bhagwant Institute of Technology as per guideline of AICTE.

- The Body stipulates guidelines and directions for the programs, policies and processes of Bhagwant Institute of Technology.

Local Management Committee (LMC)/ College Development Committee (CDC):

- Discuss the budget and financial statements and forward it to the Governing Body for sanction.
- Evaluate the workload of faculty and staff and advise to the Governing Body the necessity of the faculty, staff and other posts.

Principal

- Attending university meetings to stipulate the quality policies and action plans for quality educations and institute developments.
- Attending management meetings for improvement of institute and correspond to the institute.

HOD

- To make sure that the activities of the department support the college's objectives.
- HODs are the responsible authorities for the academic and administrative activities within the department.
- Allocation of portfolios, coordinators and committees for smooth functioning of the department.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance   A. All of the above

**and Accounts Student Admission and
Support Examination**

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user interfaces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

List of Welfare Schemes provided by institute:

Provident Fund Facility for Staff- Employees Provident Fund Scheme (EPF) is the main scheme under the Employee's Provident Funds and miscellaneous provisions act. All eligible staff members avail the facility.

Group Insurance for all Staff- Group Personal Accident Policy is provided to all employees of

the institute. Group insurance is covered by United India Insurance.

Providing college uniform to non-teaching staff (Security Personal and peons)-Our Institute

provided free uniform to all non-teaching staff.

Providing financial aid for professional membership: For Professional development of faculty, institute provides 100% financial support to all faculties to attend workshops/conferences andprofessional membership.

Sr. No.

Particular

Percentage

1

Provident Fund

Yes

2

Insurance

100%

3

Duty leave for attending Seminar /Workshop / Conference

100%

4

Medical Reimbursement

Yes

5

Maternity leave

Yes

6

Free tea/ coffee facility for teachers and other staff members.

100%

7

Refreshment & lunch / Dinner provided to all staff members at the time of organization of workshop, seminars etc.

100%

8

The registration charges and total expenses towards workshops,

conference etc are born by the college.

100%

9

Mediclaim insurance policy for Teaching & non-teaching staff.

100%

10

Personal library scheme for faculty

Yes

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

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

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

00

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes

organized by the institution for teaching and non teaching staff during the year

`01`

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

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

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

`93`

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

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

Response:

The Institute strictly follows all the basic recruitment and promotional policies as stipulated by UGC. Each and every faculty member completes the self-appraisal procedure every year in the format prescribed UGC.

Self-appraisal is done on the basis of the following points:

1. Teaching learning process evaluation
2. Specific duties / tasks assigned by Heads of the Department
3. Major contribution for the benefit of student/ staff / Institute
4. Awards/ Rewards obtained by the faculty and staff
5. Contribution towards extracurricular and co- curricular activities

The management always plays a vital role in the performance appraisal of the staff. Annual increments and promotions in the grades are all implemented by the management on the basis of an individual performance indicated in the appraisal report.

CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

Provides information regarding:

- Lectures, seminars, tutorials, practical's, project, contact hours undertaken by faculty as allocated.
- Lectures or other teaching duties performed in excess of defined norms.

CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

It includes:

- Student related co-curricular extension and field based activities

CATEGORY III: RESEARCH AND DEVELOPMENT

It includes:

- Publications
- Sponsored Projects
- Patent
- Research Guidance

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute conducts the financial audit and academic audit regularly.

1. **The financial audit is done internally and externally. The internal audit is carried out by the office of Bhagwant Institute of Technology and the external audit is carried out by the chartered accountant appointed by the management of the institute. The audited reports of last three year are the part of the upload documents and are made available of the web site of the institute. Till today no significant objection has been recorded for in the audit report.**
2. **As per the annual audit reports from the external auditing agency:**

- **The financial statements are prepared under historical cost convention on accrual basis.**
- **Fixed assets are stated at cost of acquisition or construction less depreciation. Cost comprises of the purchase price and other attributable costs including expenses and financial cost during the construction period. Depreciation is provided as per the Written down Value method and as per rates and procedures laid down under the Income Tax Act 1961.**
- **Fees from students are recognized as income. Interest on fixed deposit is recognized as income at the end of year.**

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

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

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

`00`

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File]

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

Institutional Strategies for Mobilization of funds. 1.The Principal and Management shall accept the development Grants / Funds for the development of the Institute. As the institute is being non granted and self-funded, the stalk holders, professional and alumni have contributed for funding for beneficial of the students in the form of scholarship. 2.The faculty members of Institute will conduct research consultancy activity for the commercial project and the fund so grant will be divided as 50%, 50% basis. That is to say the total revenue generated will be divided as follow. 1.50% to the account of Institute. 2.50% distributed among Faculty and staff. 3.The Institute should promote revenue generation to the activities such as Design Competition, Seminar, Conferences, Industry collaboration to generate revenue. 4.The Input to Institute finance will be from tuition fees and scholarship and shortage if any will be reimbursed by management from the society fund.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing

the quality assurance strategies and processes

In order to enhance the quality of the institution in all spheres,various quality assurance strategies initiated by The IQAC of theinstitution are as under: All the faculty members are encouraged and supported to participatein Orientation, refresher courses, Workshops, Seminars andconferences related to the teacher-learning process and research.

Teachers are also supported and encouraged to participate inexamination evaluation processes.

Several skill enhancement ability courses have been introduced forvarious subjects and students are free to choose any one as pertheir will in the respective stream.

The following two practices are institutionalized in the institute: 1.Academic Audit 2.Mentoring 1.Academic Audit: The academic audit is conducted at two levels.

The Heads of the Department take the monthly review of the academic progress in terms of, academic plan, performance in the test, curriculum coverage, activity conducted, etc. The records are maintained at the department level and the corrective measures are taken based on the report/observations. The academic audit is also conducted on a monthly basis by the external committee (other than an institute) appointed by the management. The external committee generally a two-member committee. The committee visits each department and takes the review of teaching-learning, assessment, academic plan, etc. based on the observations.

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

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

The institution reviews it's teaching learning process, structureand methodologies of operations and learning outcomes at periodicintervals. Some of activites of IQAC in this regard are: 1.Students feedback on faculty, teaching learning process andevaluation: Students feedback significantly shows the actual

qualityof teaching learning process. The students feedback is conducted asper the following norms: a. All the students are allowed to givefeedback on faculty, teaching learning process and evaluation sothat actual picture is ascertained. b. After evaluating the feedbackfrom students, the teacher if evaluated with low performance isinstructed accordingly. c. The whole process is being operated through IQAC and no other faculty member is involved at any stage. 2. Academic monitoring: The academic monitoring committee conductsregular visit to the classes regarding the regularity andpunctuality of class work. The Principal is informed on daily basis. 3. Remedial Classes: The teachers conduct remedial classes andrevision for the students wherever needed. 4. Syllabus Monitoring: The worthy principal (chairman IQAC) keepsvigil on the completion of syllabus and ascertains informationregarding the quantum syllabus completed, so that the prescribedsyllabus is completed within stipulated time.

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

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

C. Any 2 of the above

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

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

1. Safety and Security

The Institute believes in gender equality and makes effort towards Gender sensitization. It believes that educated girls are an asset not only for the college and family but also for the whole society. The sensitivity towards the girl students at this institute is carried as follows: 1.Safety and security Women development cell is led by a senior, confident and caring female teaching member. It is a good and healthy sign of academic work place that no pronounced complaint has been lodged by any girl student. Various moral and religious lectures from time to time, by scholars play a pivotal role in controlling any type of deviant behavior.

Counselling: Through Guardian faculty member (GFM) Institute provides academic, co-curricular and extra-curricular activity counselling of the students regularly. Professional counsellor of the institute delivers counselling sessions to all the students. For handling crucial cases professional counsellor is available in the institute.The female teaching faculty in particular are advised to counsel girl students in class, parks, library, common room (wherever it suits) to educate about sexual harassment either

student community. For personal hygiene awareness, medical lady doctors, gynecologist are often invited to interact with students in assembly.

File Description	Documents
Annual gender sensitization action plan	**Nil**
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	**Nil**

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy   **C. Any 2 of the above**

**Biogas plant Wheeling to the Grid   Sensor-
based energy conservation Use of LED bulbs/
power efficient equipment**

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

```
All the waste generated is managed as follows.

•Solid Waste Management:-

A solid waste management plant of 525 cubic feet capacity is
operational in the campus. Waste is processed and converted for
preparing organic fertilizer. The estimated generation of solid
waste on the campus is about 30 to 35kg/day. Seven aerobic
composting pits of size 5 feet x 5 feet x 3 feet are provided to
compost waste.

•Liquid Waste Management

The wastewater collected from various places is conveyed to 20m x
10m x 3m size septic tank for treatment. Hazardous Chemicals are
kept separately in the laboratory. Lab In-charge takes care of the
chemicals and safety norms in the laboratory. Students are made
aware of the hazardous chemicals and safety aspects when they are
utilizing the chemicals. The Chemicals used in the experiments are
diluted and then mixed with wastewater.

•E-waste management

The generated e-waste is given to the authorized dealers who
purchase and reuse the useful components. The electronic and
electrical instruments under repair are given to the students
during the lab sessions to dismantle and reassemble, which helps
application oriented learning. Articles on e-waste management are
also frequently displayed on the Notice Boards.
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File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	**Nil**
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   **D. Any 1 of the above**

File Description	Documents
Geo tagged 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 with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	**No File Uploaded**

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit   **B. Any 3 of the above**

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

BIT Barshi is undertaking various initiatives in the form of celebration of days of Eminent personalities National Festivals,

Unnat Bharat Abhiyan and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment, These functions help in developing tolerance harmony towards cultural, regional and linguistics. Also communal social economics and other diversities. The subject Constitution of India and professional ethics is made mandatory to all B.E students across disciplines. Convocation ceremony is conducted every year, where the convocation address is delivered to inspire and motivate the students for future journeys. Two important national festivals, Republic Day and Independent Day are celebrated every year in University Headquarters and It's Four Regional centres .All teaching , non teaching staff and students participate for the cause of the nation. The inspiring speeches are conducted.

Sadbhavana Diwas

3rd December

Gandhi jayanti

2nd October

Ambedkar Jayanti

14th April

Teachers day

5th September

Yoga day

21st June

Independent day

15th August

Republic day

26th January

Engineering day

15th September

Women's day

8th March

World environmental day

5th June

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

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

BIT Barshi undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. BIT Barshi has introduced a compulsory paper on the Human Values and professional ethics, Basic human rights and Behavioral Science at Degree level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation .As a part of strengthening the democratic values.

To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachha Bharat, etc. involving students.

Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly constitution day also would be celebrated on 26th Nov every year. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of Indian

constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	**No File Uploaded**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized   **A. All of the above**

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

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

All faculty members, non teaching staff and students get to know the importance of national integrity in the country in general and their particular role in it. So the institute celebrates national festivals such as Independence day (15th August) and Republic day (26th January) with enthusiasm. Our students are on a mission towards better India. They come together by breaking the restrictions of religion and caste. The institute also organizes meaningful functions relating to the birth/death anniversaries of

great Indian personnel. Thoughts of great Indian personalities sowed into the young minds through the various functions, exhibitions, and programs conducted on these days. The institution practices the pluralist approach towards all religious functions and encourages the students and faculty to showcase the same. Every year, Teachers Day (birth anniversary of Dr.Sarvepalli Radhakrishnan) is celebrated on September 5th recognizing the contributions and achievements of teachers, Engineers Day (birth anniversary of Sir Vishweshvarayya) is celebrated on 15th September, to tribute to the contribution and achievements of Engineers in the society.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

1) Title of the Practice: "Academic Enrichment (Development) Program through Mini Projects"

2) Objectives of the Practice

To encourage the emerging ideas of the students.

To correlate theories with practical applications for concept development and application.

To develop experimentation and manipulation skills.

To identify real life problems and provide engineering solutions.

To develop an attitude of working in a team.

To acquire knowledge and skills through the Project Based Learning Process.

3) The Context:

The development of conceptual knowledge and micro skills are essential in the practice. The process of problem solving and developing solutions to identify faults develop the abilities to apply procedures, adopt methodology, use tools & equipment and experimentation.

2.Title: Integration of fullfledged ICT in Teaching Learning.

Objectives of the Practice:

• **Enrichment of ICT based teaching methodologies.**

• **To make the Teaching and learning process robust.**

Context: • **The teaching learning process is made effective through active classroom teaching including online platforms.**

• **ICT encourages self-learning among students by actively seeking their interest whereas the teachers support and guide them with their doubts and queries. It also facilitates a higher degree of engagement with the teachers for personalized learning experience due to limited classroom hours.**

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	**No File Uploaded**

7.3 - Institutional Distinctiveness

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

RURAL MANPOWER DEVELOPMENT AND TECHNOLOGY SUPPORT SERVICES

The core mission of the institute is to educate the professionally competent engineers and technicians for employment/self-employment through the systematic implementation of student-centric teaching-learning processes and up gradation of infrastructure. The thrust area of the vision is to promote and support technology, entrepreneurship and industry in the rural region. The institute

with the same spirit conducting activities these are performed under following categories.

Category I: Development of students admitted to engineering program

The activities conducted for the engineering students are pre-admission counselling, induction program, bridge courses, soft skill training, industrial visits and training, expert lectures, Mini-project, various competitions and major innovative projects

Category II: Development of student community from serving area

The activities conducted for the school going students are facilities to construct the projects, career counselling, science exhibitions, project competitions and technology talks about engineering.

Category III: Providing technical support to the community of the serving area.

The activities conducted to the serving community are industrial problem solving, providing consultancy, conducting entrepreneurial assistance, projects based on industrial needs and donating engineering facilities.

The institute has systematically developed a plan that addresses the manpower needs. The organization structure has developed in tune with the mission and vision of the institute.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Response:

The institute is affiliated to Dr. Babasaheb Ambedkar Technological University Lonere. The curriculum and syllabus prescribed by the university are strictly adhered to. To strengthen the teaching-learning process the College has strategized ways and means in the following ways:

A. Planning of Academic activities and calendar in alignment with the University issued Calendar of Events

B. At the beginning of the semester formulation of objective-driven teaching plan is done.

C. Effective delivery of the curriculum to achieve "outcome-based approach" by actively involvement of students in teaching-learning processes and employing learner-centric techniques such as web related assignments, peer learning, group discussion, use of NPTEL Lectures, case studies, MOODLE, knowledge wall, projects, surveys, quiz etc., Guardian Faculty Members (GFM) mentoring 15 students by entrusting the teaching faculty on academic and personal issues of students.

D. Organizing suitable guest lectures by industry personnel, seminars, industrial visits and training programs to improve the effectiveness of the implementation of the curriculum designed

E. Motivating students for doing research work and present papers in seminars and conferences and publish in journals.

All of the above processes are well documented and planned for effective curriculum delivery.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

Response:

The institute follows the academic calendar of Dr. Babasaheb Ambedkar Technological University Lonere university. The institute prepares its own academic calendar in-line with the university academic calendar before the commencement of each semester. Each department prepares its academic calendar showcasing events planned by the individual department based on the Institute's academic calendar. A schedule of curricular activities, assessment dates, technical events, class tests, submission of mark lists, list of holidays and extra-curricular activities are included in the academic calendar of the Institute. Students are then informed about the time table and the academic calendar.

All the departments conduct Internal examinations on the dates planned in the academic calendar. In the first-semester test one is conducted in the month of October and the second test is conducted in the month of November. In the second semester, two tests are conducted in the months of April and May. Results of internal assessment are declared and communicated to students within a scheduled time.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic	**C. Any 2 of the above**

bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

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

04

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

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

Nil

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	[View File](#)

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

00

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

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

Response:

Our Institution believes to create a positive effect on the students in their educational and societal commitment by integrating cross-cutting issues with the curriculum.

Gender quality:

- **For encouraging boys and girls, our Institute organizes different functions like Cultural events, sports under the departmental associations.**

Environment and Sustainability:

- **With the help of students, our institute celebrated the**

environmental day, organizes various activities like tree plantation, public awareness during festival season.

Human Values and Professional Ethics:

Human Values:

To inculcate good human values among students is a necessary part of the curriculum. So to ensure ragging free environment college has Anti-ragging cell, internal complaints committee & discipline committee

Professional Ethics:-

Professional ethics encompasses personal & corporate standards of behavior expected by professional. Institute has given equal importance about professional ethics along with academics because knowingly & willingly students should not do wrong things.

Sr. No.

Cross-cutting issues

Title of course addressing CCI

Progrme/Branch

1

Gender equality

Basic Human Rights

SY B.Tech. All

2

Environment and Sustainability

Energy and Environment Engineering

FY B.Tech. All

3

Human Values

Basic Human Rights

SY B.Tech. All

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

06

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

918

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	C. Any 2 of the above

File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.bitbarshi.edu.in/naac/pdf/annexure-III.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

300

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

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

60

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

The college admits students from various socio-economic backgrounds. The college conducts every possible measure to assess the learning levels of its students. The students are counseled, guided and oriented at the time of admission to make them aware about the course, mode of internal assessment, external assessment, curricular and co-curricular activities, rules and regulations of the institution as well as facilities available in the college. The list of courses, curricular and co-curricular activities, rules and regulations, facilities available etc. are also published in the college prospectus which is provided to the students before the beginning of academic sessions. In the first year, students are also segregated according to their merit, based on, CET score. Direct Second Year admitted students are segregated according to their Diploma final year marks and Prerequisite test.

*Programs for both slow learners and advanced learners

1. Content Delivery

1. Teaching-learning process using instructional strategies and use of ICT.

2. Expert talk, Guest lectures, seminars/presentations on advanced topics.

3. Mock practical oral examinations.

* Assessment Strategies

1. In semester Evaluation (ISE) - Two Tests (SUS) / Two mid sem Test (BATU)

2. Internal Continuous assessment (ICA)

* Academia-Industry Interaction

1. Industrial Training

2. Industrial visits

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

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

Number of Students	Number of Teachers
784	**65**

File Description	Documents
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

Response: At our institute, to improve students' learning by

reducing the gap between teachers' expectations and students' level of learning, faculty members are practicing various learning and teaching methodologies. Students' learning outcome depends on the instructional strategy being employed by the faculty member. Therefore, while planning for course delivery, teachers at our on the basis of predefined learning outcomes, develop the assessment methods and then select instructional strategies that engage students in multiple activities rather than just attending and noting down points while in class, making the class more active and assist in attaining the identified learning outcome. Following are some of the strategies employed by faculty members during their content delivery: Participative Learning: 1. Role-play demonstrating various concepts

Experiential Learning: Experiential learning is the process of learning through experience. Institute is inculcating self-learning and lifelong learning skills through Projects, seminars, mini projects, vocational training, parametric study,lab practices, etc. Problem Solving Methodologies (for critical thinking and analytical thinking): 1. As students admitted in our institute are from farming and rural backgrounds, so they are inspired forcreating projects for ease of farmers to improve their economy and ease their work.

2.. Handout based Learning for subjects with lab practices

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

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

Faculty members of the college use ICT technology to improve the teaching and learning process. Different software's available online is integrated with teacher's explanation and students are encouraged to learn and practice through interactive activities. LCD projectors, computer/laptops/tablet systems are used in the classrooms. You- Tube, E- mails, Whats App group, Telegram, Zoom and Google classrooms, webex app, College website are used as platforms to teach, communicate, provide material and syllabus, make announcements, conduct

tests, upload assignments, make presentations, address queries, mentor and share information. These applications are also used to provide online education during the covid-19 situation. BSNL facility is also available in the campus for the students and staff. The library also provides access to computers and online journals freely available in public domain and also to journals subscribed on the advice of faculty and facilitates downloads. Xeroxing facility is also available in the library. Hostels are also equipped with computer labs and Wi-Fi facility to encourage learning. Syllabus and study materials are also made available on the MOODLE.

Student attendance, feedback are also received online from the students and faculty members.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.bitbarshi.edu.in/pdf/AQAR2021/ ict_enabled_tools

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

2.3.3.1 - Number of mentors

60

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

60

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	[View File](#)

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

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

03

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

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

2.4.3.1 - Total experience of full-time teachers

462

File Description	Documents
Any additional information	[View File](#)
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File](#)

2.5 - Evaluation Process and Reforms

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

Response:

The internal evaluation system at the institute level is based on the following parameters

- Regular attendance of the student
- Internal POE
- Proactiveness during the session and its accuracy
- Performance in weekly assignments
- Journal and Assessment of Practical's

Our internal assessment is very transparent due to the following features:

- Head of Department and Class Coordinators (CC) conduct orientation programs at the beginning of every semester, in which the entire schedule and system of internal evaluation are conveyed to the students.
- Well defined assessment schedule for every semester which is a part of the published academic Calendar.
- The course curriculum for every test is predefined and made known to students well in advance Weightage is known to students
- Students' performance in assignment and laboratories are communicated in the stipulated cycle. For any queries, they are free to contact subject teachers.
- Final Year students are informed about project assessment. The project diary includes the entire schedule of project stages, which is prepared and distributed to all groups.

Robustness in terms of frequency and variety.

Over a period of time, we have been giving a good hearing on the grievance of the students and accordingly, the changes/alterations have been incorporated time to time in the system making it more robust. We always encourage input from the students in this regard.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

At institute level Exam Grievance cell is established to look after about any query regarding the exam by the student.

Sr.No.

Name

Designation

Committee Designation

1

Dr. A.K. Deshmane

Principal

Chairman

2

Mr. A R Shinde

Asst. Prof.

CEO

3

Mr. D B Patil

Asst. Prof.

Member

4

Mr. S.G. Shinde

Asst. Prof.

Member

5

Mr. S S Nalawade

Asst. Prof.

Member

6

Mr. N S Limkar

Asst. Prof.

Member

1.At Departmental Level

1.The continuous evaluation of students is carried out by faculty in terms of theory lectures, labs,

assignments, etc.

2.The term work marks are allotted based on defined strategies and displayed on notice board.

3.Query if any is discussed with Department Exam Coordinator.

2.At Institute Level

1.The committee constituted by the Principal of the Institute consisting of senior faculty members takes care of the grievances regarding the evaluation process.

2.In case of any discrepancy in University result sheet, Institute verifies the details in available

records at the Institute and guides the student with a possible solution at Institute level or refers him with a proper document to the university.

3.After conduction & evaluation of the test, the subject teacher distributes evaluated copies of their test papers to the students. The solutions for the question paper are discussed in the class. The students can approach the teachers

in case they need clarification on the award of marks and scheme of valuation discussed in the class. The teacher clarifies doubts regarding evaluation.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Institute has well defined learning outcomes. The vision andmission of the institution emphasizes on promoting value educationthrough motivated trained faculty to prepare the students to acceptthe challenges of globalization. The College has a proper mechanismof communication of the learning outcomes of the Programs andCourses, which includes following

- The program outcomes and Course outcomes are specified by Dr. Babasaheb Ambedkar Technological University Loner in its syllabusdocument.
- The courses whose course outcomes are not specified by the University, course co-ordinator prepares it for respective subjects.
- The subject teacher maps COs to POs.
- The subject teacher carries out the assessment of the achievement of COs and POs.
- COs and POs are communicated by the respective subject teacher in their classes.
- Also, it is Communicated by GFM at student their sessions.
- Display of COs and POs on the institutional website.
- Course file contains it in detailed.
- Displayed on all prominent places in the college building.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	**Nil**
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

Response: Several strategies are designed for assessment of the attainment of program outcomes, program specific outcomes, and course outcomes. Each Course Outcome (CO) is mapped with POs / PSOs. Several Policies are defined for the attainment of each CO through mini-project, tests, lab work, andstudent's activities by the course coordinator. CO's are mapped with all questions asked in the internaltest. As the affiliated institute, there is a 60% weightage for external tests and 40% for internal tests. Also, CO's are mapped with the Performance of students in projects, lab work, and student's activities. The attainment of COs is evaluated using direct tools like a test, projects, performance rubric, and student's portfolio at mid-semester and end semester. The attainment of POs/PSOs is evaluated through CO mapping. For the perception of self-evaluation using indirect tools like course end surveys, and exit surveys are employed. Weightage is given for getting overall attainment of POs/PSOs is 50% for the test, for getting attainment through student's activity is 40% and for indirect tools through various surveys and feedback is 10%. As the reports of attainment are assessed and evaluated by course and program coordinators, the action plan for improvement is suggested in next cycle.

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

2.6.3 - Pass percentage of Students during the year

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

221

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	<u>https://www.bitbarshi.edu.in/naac/pdf/annexure-V.pdf</u>

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)

<u>http://www.bitbarshi.edu.in/pdf/AQAR2021/SSS/PDF</u>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

00

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

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

02

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

06

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

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

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

00

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

3.3 - Extension Activities

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

The College regularly conduct the extension activities in the villages and weaker sections of the societies. These programmes aims to connect the Higher Education Institutions with the society. This will transform the outlook of the students and inculcate leadership qualities in the youth. They will prove good administrators, good humans with good moral behavior and responsible citizens in future. Such citizens help in Nation building. At the same time the needs of the society and the needs of the downtrodden sections are fulfilled.

The NSS units could not conduct the activities as where planned, due to pandemic, but some extension activities conducted in the academic year 2020 are as under;

1. During the peak pandemic period (March-August 2020), College administration starts COVID-CENTRE by providing accommodation for Covid patients. Two of our buildings, Boys hostel and a lecture Hall were used as Covid isolation centers. The covidcentres were provided all the facilities Viz. Breakfast, lunch, dinner, free medicine Electricity, Genset etc.

3. Our staff members actively and enthusiastically assisted the College Examination Cell in conducting the MH-CET 2020 during 2nd wave of Covid Pandemic, in Aug- Sept 2020.

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

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

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

`00`

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year(Data Template)	[View File](#)
e-copy of the award letters	**No File Uploaded**

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

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

`04`

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	[View File](#)

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

22

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	**No File Uploaded**

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

05

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Response:

The institute vision is to constantly improve the students learning environment, for that the institute has created and enhanced the infrastructural facilities regularly. The state-of-the-art infrastructure augments learning and promotes a good Teaching-learning environment.

AICTE and Dr. Babasaheb Ambedkar Technological University, Lonere are the statutory body which specifies the minimum requirement of facilities for teaching learning. The institute has all facilities as per the minimum specified requirement by statutory bodies. Total 16 classrooms, 4 tutorial rooms 38 laboratories, common computer centre, workshop, central library, 3 seminar hall, 1 open auditorium, canteen facility and playground are available in the campus. Every department has dedicated laboratories and classrooms. Considering the contact hours of each course, classroom and laboratory utilization time table is planned by the departments. Regular Classroom and laboratory sessions are conducted six days a week.

Resources are shared across departments whenever needed. Every department has computer laboratories which are utilized for on-line examinations, aptitude tests, project development and competitions by students of all departments.

Specialized features: Institute has created the Learning Management system on MOODLE platform available to all faculty

and students for e-learning, Project Labs are available to enhance practical Knowledge about new trends in engineering and technology.

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, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

Sports facilities have been established for various games inclusive of Cricket, Football, Basketball, and Volleyball to ensure the focus of the institute in providing extra-curricular activities to the students. Separate and spacious hostels are provided for both boys and girls from various regions of the nation.

The institute has adequate sports facilities and cultural centers for holistic development of students. The details of the facilities available are as follows:

1) Open playground 1700 Sq. M.

2) Basketball court with size- 28mx15m meters

3) Volley ball courts with size- 18mx9m

4) Football cum cricket field with size- 90x45meters.

5) A Kho-Kho ground.

6) Indoor games facilities like Carrom and table tennis are made available to the students.

College has a well-equipped gymnasium with facilities such as machine exercises, free weight exercises etc., Physical Education Director is appointed to train the students participating in various zonal, all India and Inter-university level tournaments.

The College has Open Theatre with sound system, music system, drum set, light system and various allied equipment. To promote Indian classical culture among students and Hobby Club is formed with sufficient number of traditional and modern musical instruments. Every year students organize cultural event named "Tech-Fest", which is annual Social Gathering in which dance, skits, singing etc. are promoted. The students from college have participated in various state and national level competitions and also won prizes in the same. Students are motivated to participate in intercollegiate competitions.

File Description	Documents
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 such as smart class, LMS, etc.

17

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

17

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

19.027

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

4.2 - Library as a Learning Resource

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

Response:

The Central Library of the institute is fully automated with KOHA (by KOHA open source community) Software version 18.05.This system enables efficient library administration to cater students and staff services. This software has various following modules as under;

Circulation (lending materials to patrons and receiving them back): In the library circulation module provision is made to issue/return/renew for books circulation, non-print material circulation (CD, DVD etc.) and serial circulation (Print Journals/Magazines).Library rules setting; generate the barcodes, listing of books (by authors, publishers, and suppliers), printing of member barcode, etc. There is provision for immediate confirmation of library transactions through the email and message alert facility.

OPAC: Online Public Access Cat Log for searching the library resources. User can search the library resources as per follows:

1. General Search: Title Author Publication Keywords Classification

2. Advance Search: The searching can be done with various combinations Title Author Publication Keywords Classification.

3. Accession Search: Search can also be done through the accession numbers without remembering the title or author of the book. This facilitates fast & accurate searching. Reports:

This is an important component of the Integrated Library Management System (ILMS) which helps to generate various reports/ returns.

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

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

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	**No File Uploaded**

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

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

3.40

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

40

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The Institute has a dedicated System Administration cell to take care of hardware and internet connectivity, software installation, creating new software and their maintenance. System Administrator with his team is taking care of all the Planning, Designing, Product Evaluation, and Implementation work, along with the renovation of the old network infrastructure. Recently the Internet connectivity bandwidth is upgraded to 60 Mbps speed. Institute has internet security mechanism with Cyberoam firewall software. Institute have dedicated servers for Learning Management System (LMS) like Moodle.

Computer to students ratio :-1:6 Availability of licensed software: - Available.

System Software

Windows 8 Pro

Windows 8 Pro K

Windows 7 Professional KN with SP1

Windows Server 2003 R2, x32 Ed.

Windows Server 2003 R2, x64 Ed.

Windows Server Standard 2008

Office 2007 Suites

Office Standard 2010

Office Standard 2013

Internet and WI-FI facility

Internet Facility Details:100 Mbps leased line

Content Ratio: 1:1

(ISP provider -BSNL

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

4.3.2 - Number of Computers

310

File Description	Documents
Upload any additional information	View File
Student – computer ratio	**No File Uploaded**

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

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

42.229

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Response:

The Institute continuously strives to meet the growing needs of the twenty first century academic world making available adequate physical infrastructure and constantly upgrading facilities in order to provide a good teaching learning environment. Academic Council/IQAC convenes regular meetings to assess the infrastructural facilities and requirements. In order to ensure maintenance and optimum utilization. The institute is a much sought after venue for conducting various public examinations due to its infrastructural facilities. The College has well established procedure of maintaining and utilizing academic and support facilities.

Physical Facilities:

Classrooms, Tutorial rooms and Seminar halls:

Before commencement of each semester, Head of the Department inspect the class rooms and tutorial rooms to check out the adequacy of furniture, working of projectors, tube lights, fans, etc. and make sure all the facilities are available in good condition for the students. The college is having in-house. Maintenance team and Annual Maintenance Contract with agencies to carry out repairs and maintenance work.

Laboratory and Workshop Facilities:

Adequate laboratory facilities exist for carrying out all the experiments as per curriculum.

Computers:

Each department has its own computing laboratories fully equipped with latest computer systems, printers, relevant license soft wares and internet connectivity for the benefit of the students.

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 benefited by scholarships and free ships provided by the Government during the year

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

599

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

10

File Description	Documents
Upload any additional information	[View File]
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File]

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

File Description	Documents
Link to institutional website	**Nil**
Any additional information	[View File]
Details of capability building and skills enhancement initiatives (Data Template)	[View File]

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

92

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

92

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 has a transparent mechanism for timely redressal of student	**A. All of the above**

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

96

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

01

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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

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

0

File Description	Documents
Upload supporting data for the same	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/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

0

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

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

The Students Council (SC) provides programs, activities, and services which serve the co-curricular cultural, social, technical and educational interest of students at the University and colleges. It contributes to the development of student's leadership skills and experience, program planning, and development.

Following is the narrative of functions and events conducted by various Committees: 1.Students Council: Under section 40(3) of Maharashtra Universities Act, 1994, this council is established every year in the Institute and it performs its duties prescribed. 2.This committee co-ordinates various cultural activities and events throughout the year. Our students participate in prestigious intercollegiate competitions such as poster presentation, project exhibitions 3.This Committee organizes inter-departmental sports events. Our students actively participate invarious sports in the intercollegiate, inter-university, state level. 5.Library committee: Library Committee had been constituted for the purpose of the smooth functioning of the library and coordination. 6.Academic & Administrative Bodies: The student representatives are as a part of Academic & Administrative Bodies such as Departmental associations, Students Council, Placement Cell, Technical and Non –technical activities. 7.Role of Student Representatives: Collecting student database for technical & Non-technical events. Organizing different social activities during the Academic year such as tree plantation, blood donation, swachata Mohim

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

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

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

00

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

5.4 - Alumni Engagement

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

Response: Alumni of any institute have strong emotional attachment with their institute. They are the brand ambassadors of the institute spread far and wide. Alumni have been and shall continue to be an important resource for any institution of learning provided alumni linkages are nurtured and their involvement with institute affairs is facilitated. The Alumni Association plays an important role in helping to shape the future of the Institute by representing the views of its members and contribute to build an engaged and supportive alumni community. Institute with its existence over a decade has a significant pool of its own alumni. The alumni is engaged with institute since first batch of graduation in year 2014-15, however the formal registration is done on 03rd March2018 and got registered in the year 2018 as "Bhagwant Institute of Technology Alumni Association, Barshi" with registration number Solapur/0000096/2018. Under this association institute has collected Rs 48000/- as a registration Fees from alumnus. The alumni of this Institute are giving the suggestions for recent trends in industry and accordingly the topics are covered through expert lectures, industrial visits or value addition programs. Every Department has a separate Alumni coordinator who conducts Alumni Activities.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

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 and in tune with the vision and mission of the institution

Vision "Satisfy the ambition of youth, who want to lead and serve our nation towards prosperity through techno economic development." Mission "To provide, foster and sustain a milieu of high academic excellence, research, and entrepreneurship for all those aspiring students, which will prepare them to face global challenges, crafting high ethical and moral standards." The Vision and Mission are reflected in effective leadership within the institute. The Vision and Mission of the institute give the surety the need of the students by giving them quality education by which it will lead them towards the development of the country. The governance in the Institute is consists of Governing Body (GB), CollegeDevelopment Council and Internal Quality Assurance Cell (IQAC). All these work collectively tokeep an environment of academic excellence and position within the Institute in the preferred list of all the stakeholders. The institute believes in giving powers to different committees and cells in the Institute through its strategic policies. The weekly meetings of the Principal and Heads of Department are conducted to discuss academic problems and review the development. The Head of Departmentcommunicates these academic problems or new plans to the faculties in departmental meetings.

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

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

The Institute practices the decentralization and participative technique in its governance. The Institute delegates authority for efficient implementation of the rules concerning teaching load distribution and allotment of portfolios to distinctive staff members. Also, student evaluation and assessment are delegated to the Academic Coordinator. The Principal is always open to dialogue with the teaching and non-teaching staff which, in turn, encourages the involvement of the staff for the development of effectiveness and performance of the Institutional progress. There are various committees constituted to control specific institutional activities.

Regular committees and designations with roles and responsibilities

Sr. No.

Committee/Designation

Responsibilities

1

IQAC Coordinator

Monitoring quality aspects of activities undertaken

2

Academic Coordinator

Monitoring all academic activities on daily basis

3

Guardian Faculty Member

Monitoring and motivating student activity individually

4

Time Table Coordinator

Prepare time table of three years including all subjects

5

Chief Examination Officer

Smoothly conduct internal exam and university

Sample Task Performed by committees

1. Regular monitoring of lecture and practical, by Academic Coordinator.

Monitoring and improving students' attendance and solve their problems on personal level, by GFM

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic Plan

The strategic plan of Bhagwant Institute of Technology focuses on new environmental changes and challenges particularly in new millennium are forcing educational institute to revamp its strategy and action plans. Under the circumstances of change, strategies of Bhagwant Institute of Technology have been reviewed periodically by a board of governance committee. A perspective plan outlining the action plans for implementing the strategy was drawn up. Subsequently as a part of planning cycle, Perspective plan has been reviewed and revised at intervals.

The broad goals of Perspective plan 2019-24 are affirmation of Bhagwant Institute of Technology's commitment for thirst for Engineering excellence, value based education, research innovative practices and spirit of entrepreneurship.

Bhagwant Institute of Technology seeks to attract the best students from diverse backgrounds and offer them an excellent educational experience. It offers many academic programs, an inviting and stimulating ambience for education and research and a rich suit of extra and co-curricular activities.

Objective 1: To develop strong industry-institute interaction for enhancing the teaching learning process and explore the job opportunity to students.

Objective 2: To train and develop the faculty members for imparting quality education to the students.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Response:

The institute has an organization structure wherein the faculties are involved in various decision making bodies of the institute. Decision will be made by GB and CDC is disseminated by Principal, Academic Coordinator and HODs.

Governing Body:

- The Governing Body is the head body of the Institute which is constituted by Bhagwant Institute of Technology as per guideline of AICTE.
- The Body stipulates guidelines and directions for the programs, policies and processes of Bhagwant Institute of

Technology.

Local Management Committee (LMC)/ College Development Committee (CDC):

- Discuss the budget and financial statements and forward it to the Governing Body for sanction.
- Evaluate the workload of faculty and staff and advise to the Governing Body the necessity of the faculty, staff and other posts.

Principal

- Attending university meetings to stipulate the quality policies and action plans for quality educations and institute developments.
- Attending management meetings for improvement of institute and correspond to the institute.

HOD

- To make sure that the activities of the department support the college's objectives.
- HODs are the responsible authorities for the academic and administrative activities within the department.
- Allocation of portfolios, coordinators and committees for smooth functioning of the department.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the Institution webpage	**Nil**
Upload any additional information	[View File](#)

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

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user interfaces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

List of Welfare Schemes provided by institute:

Provident Fund Facility for Staff- Employees Provident Fund Scheme (EPF) is the main scheme under the Employee's Provident Funds and miscellaneous provisions act. All eligible staff members avail the facility.

Group Insurance for all Staff- Group Personal Accident Policy is provided to all employees of

the institute. Group insurance is covered by United India Insurance.

Providing college uniform to non-teaching staff (Security Personal and peons)-Our Institute

provided free uniform to all non-teaching staff.

Providing financial aid for professional membership: For Professional development of faculty, institute provides 100% financial support to all faculties to attend workshops/conferences andprofessional membership.

Sr. No.

Particular

Percentage

1

Provident Fund

Yes

2

Insurance

100%

3

Duty leave for attending Seminar /Workshop / Conference

100%

4

Medical Reimbursement

Yes

5

Maternity leave

Yes

6

Free tea/ coffee facility for teachers and other staff members.

100%

7

Refreshment & lunch / Dinner provided to all staff members at the time of organization of workshop, seminars etc.

100%

8

The registration charges and total expenses towards workshops, conference etc are born by the college.

100%

9

Mediclaim insurance policy for Teaching & non-teaching staff.

100%

10

Personal library scheme for faculty

Yes

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	<u>View File</u>

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

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

00

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<u>View File</u>

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

01

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

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

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

93

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

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

Response:

The Institute strictly follows all the basic recruitment and promotional policies as stipulated by UGC. Each and every faculty member completes the self-appraisal procedure every year in the format prescribed UGC.

Self-appraisal is done on the basis of the following points:

1. Teaching learning process evaluation
2. Specific duties / tasks assigned by Heads of the Department
3. Major contribution for the benefit of student/ staff / Institute
4. Awards/ Rewards obtained by the faculty and staff
5. Contribution towards extracurricular and co- curricular activities

The management always plays a vital role in the performance appraisal of the staff. Annual increments and promotions in the grades are all implemented by the management on the basis of an individual performance indicated in the appraisal report.

CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

Provides information regarding:

- Lectures, seminars, tutorials, practical's, project, contact hours undertaken by faculty as allocated.
- Lectures or other teaching duties performed in excess of defined norms.

CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

It includes:

- Student related co-curricular extension and field based activities

CATEGORY III: RESEARCH AND DEVELOPMENT

It includes:

- Publications
- Sponsored Projects
- Patent

- **Research Guidance**

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute conducts the financial audit and academic audit regularly.

1. **The financial audit is done internally and externally. The internal audit is carried out by the office of Bhagwant Institute of Technology and the external audit is carried out by the chartered accountant appointed by the management of the institute. The audited reports of last three year are the part of the upload documents and are made available of the web site of the institute. Till today no significant objection has been recorded for in the audit report.**
2. **As per the annual audit reports from the external auditing agency:**

- **The financial statements are prepared under historical cost convention on accrual basis.**
- **Fixed assets are stated at cost of acquisition or construction less depreciation. Cost comprises of the purchase price and other attributable costs including expenses and financial cost during the construction period. Depreciation is provided as per the Written down Value method and as per rates and procedures laid down under the Income Tax Act 1961.**
- **Fees from students are recognized as income. Interest on fixed deposit is recognized as income at the end of year.**

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

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

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

00

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

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

Institutional Strategies for Mobilization of funds. 1.The Principal and Management shall accept the development Grants / Funds for the development of the Institute. As the institute is being non granted and self-funded, the stalk holders, professional and alumni have contributed for funding for beneficial of the students in the form of scholarship. 2.The faculty members of Institute will conduct research consultancy activity for the commercial project and the fund so grant will be divided as 50%, 50% basis. That is to say the total revenue generated will be divided as follow. 1.50% to the account of Institute. 2.50% distributed among Faculty and staff. 3.The Institute should promote revenue generation to the activities such as Design Competition, Seminar, Conferences, Industry collaboration to generate revenue. 4.The Input to Institute finance will be from tuition fees and scholarship and shortage if any will be reimbursed by management from the society fund.

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

6.5 - Internal Quality Assurance System

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

In order to enhance the quality of the institution in all spheres,various quality assurance strategies initiated by The IQAC of theinstitution are as under: All the faculty members are encouraged and supported to participatein Orientation, refresher courses, Workshops, Seminars andconferences related to the teacher-learning process and research.

Teachers are also supported and encouraged to participate inexamination evaluation processes.

Several skill enhancement ability courses have been introduced forvarious subjects and students are free to choose any one as pertheir will in the respective stream.

The following two practices are institutionalized in the institute: 1.Academic Audit 2.Mentoring 1.Academic Audit: The academic audit is conducted at two levels.

The Heads of the Department take the monthly review of the academic progress in terms of, academic plan, performance in the test, curriculum coverage, activity conducted, etc. The records are maintained at the department level and the corrective measures are taken based on the report/observations. The academic audit is also conducted on a monthly basis by the external committee (other than an institute) appointed by the management. The external committee generally a two-member committee. The committee visits each department and takes the review of teaching-learning, assessment, academic plan, etc. based on the observations.

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

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

The institution reviews it's teaching learning process, structureand methodologies of operations and learning outcomes at periodicintervals. Some of activites of IQAC in this regard are: 1.Students feedback on faculty, teaching learning process andevaluation: Students feedback significantly shows the actual qualityof teaching learning process. The students feedback is conducted asper the following norms: a. All the students are allowed to givefeedback on faculty, teaching learning process and evaluation sothat actual picture is ascertained. b. After evaluating the feedbackfrom students, the teacher if evaluated with low performance isinstructed accordingly. c. The whole process is being operated through IQAC and no other faculty member is involved at any stage. 2. Academic monitoring: The academic monitoring committee conductsregular visit to the classes regarding the regularity andpunctuality of class work. The Principal is informed on daily basis. 3. Remedial Classes: The teachers conduct remedial classes andrevision for the students wherever needed. 4. Syllabus Monitoring: The worthy principal (chairman IQAC) keepsvigil on the completion of syllabus and ascertains informationregarding the quantum syllabus completed, so that the prescribedsyllabus is completed within stipulated time.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality	**C. Any 2 of the above**

initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	

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

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

1. Safety and Security

The Institute believes in gender equality and makes effort towards Gender sensitization. It believes that educated girls are an asset not only for the college and family but also for the whole society. The sensitivity towards the girl students at this institute is carried as follows: 1.Safety and security Women development cell is led by a senior, confident and caring female teaching member. It is a good and healthy sign of academic work place that no pronounced complaint has been lodged by any girl student. Various moral and religious lectures from time to time, by scholars play a pivotal role in controlling any type of deviant behavior.

Counselling: Through Guardian faculty member (GFM) Institute provides academic, co-curricular and extra-curricular activity counselling of the students regularly. Professional counsellor of the institute delivers counselling sessions to all the students. For handling crucial cases professional counsellor is available in the institute.The female teaching faculty in particular are advised to counsel girl students in class,

parks, library, common room (wherever it suits) to educate about sexual harassment either

student community. For personal hygiene awareness, medical lady doctors, gynecologist are often invited to interact with students in assembly.

File Description	Documents
Annual gender sensitization action plan	**Nil**
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	**Nil**

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**C. Any 2 of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

All the waste generated is managed as follows.

•Solid Waste Management:-

A solid waste management plant of 525 cubic feet capacity is operational in the campus. Waste is processed and converted for preparing organic fertilizer. The estimated generation of solid waste on the campus is about 30 to 35kg/day. Seven aerobic composting pits of size 5 feet x 5 feet x 3 feet are provided to compost waste.

•Liquid Waste Management

The wastewater collected from various places is conveyed to 20m x 10m x 3m size septic tank for treatment. Hazardous Chemicals are kept separately in the laboratory. Lab In-charge takes care of the chemicals and safety norms in the laboratory. Students are made aware of the hazardous chemicals and safety aspects when they are utilizing the chemicals. The Chemicals used in the experiments are diluted and then mixed with wastewater.

•E-waste management

The generated e-waste is given to the authorized dealers who purchase and reuse the useful components. The electronic and electrical instruments under repair are given to the students during the lab sessions to dismantle and reassemble, which helps application oriented learning. Articles on e-waste management are also frequently displayed on the Notice Boards.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Nil
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

D. Any 1 of the above

File Description	Documents
Geo tagged 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

A. Any 4 or All of the above

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 with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	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 disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software,	A. Any 4 or all of the above

mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File]()
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

BIT Barshi is undertaking various initiatives in the form of celebration of days of Eminent personalities National Festivals, Unnat Bharat Abhiyan and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment, These functions help in developing tolerance harmony towards cultural, regional and linguistics. Also communal social economics and other diversities. The subject Constitution of India and professional ethics is made mandatory to all B.E students across disciplines. Convocation ceremony is conducted every year, where the convocation address is delivered to inspire and motivate the students for future journeys. Two important national festivals, Republic Day and Independent Day are celebrated every year in University Headquarters and It's Four Regional centres .All teaching , non teaching staff and students participate for the cause of the nation. The inspiring speeches are conducted.

Sadbhavana Diwas

3rd December

Gandhi jayanti

2nd October

Ambedkar Jayanti

14th April

Teachers day

5th September

Yoga day

21st June

Independent day

15th August

Republic day

26th January

Engineering day

15th September

Women's day

8th March

World environmental day

5th June

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	**No File Uploaded**

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

BIT Barshi undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. BIT Barshi has introduced a compulsory paper on the Human Values and professional ethics, Basic human rights and Behavioral Science at Degree level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation .As a part of strengthening the democratic values.

To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community.

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachha Bharat, etc. involving students.

Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly constitution day also would be celebrated on 26th Nov every year. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of Indian constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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

teachers, administrators and other staff
4. Annual awareness programmes on 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 programs 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

All faculty members, non teaching staff and students get to know the importance of national integrity in the country in general and their particular role in it. So the institute celebrates national festivals such as Independence day (15th August) and Republic day (26th January) with enthusiasm. Our students are on a mission towards better India. They come together by breaking the restrictions of religion and caste. The institute also organizes meaningful functions relating to the birth/death anniversaries of great Indian personnel. Thoughts of great Indian personalities sowed into the young minds through the various functions, exhibitions, and programs conducted on these days. The institution practices the pluralist approach towards all religious functions and encourages the students and faculty to showcase the same. Every year, Teachers Day (birth anniversary of Dr.Sarvepalli Radhakrishnan) is celebrated on September 5th recognizing the contributions and achievements of teachers, Engineers Day (birth anniversary of Sir Vishweshvarayya) is celebrated on 15th September, to tribute to the contribution and achievements of Engineers in the society.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

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

1) Title of the Practice: "Academic Enrichment (Development) Program through Mini Projects"

2) Objectives of the Practice

To encourage the emerging ideas of the students.

To correlate theories with practical applications for concept development and application.

To develop experimentation and manipulation skills.

To identify real life problems and provide engineering solutions.

To develop an attitude of working in a team.

To acquire knowledge and skills through the Project Based Learning Process.

3) The Context:

The development of conceptual knowledge and micro skills are essential in the practice. The process of problem solving and developing solutions to identify faults develop the abilities to apply procedures, adopt methodology, use tools & equipment and experimentation.

2.Title: Integration of fullfledged ICT in Teaching Learning.

Objectives of the Practice:

- Enrichment of ICT based teaching methodologies.

- To make the Teaching and learning process robust.

Context: • The teaching learning process is made effective through active classroom teaching including online platforms.

• ICT encourages self-learning among students by actively seeking their interest whereas the teachers support and guide them with their doubts and queries. It also facilitates a higher degree of engagement with the teachers for personalized learning experience due to limited classroom hours.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

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

RURAL MANPOWER DEVELOPMENT AND TECHNOLOGY SUPPORT SERVICES

The core mission of the institute is to educate the professionally competent engineers and technicians for employment/self-employment through the systematic implementation of student-centric teaching-learning processes and up gradation of infrastructure. The thrust area of the vision is to promote and support technology, entrepreneurship and industry in the rural region. The institute with the same spirit conducting activities these are performed under following categories.

Category I: Development of students admitted to engineering program

The activities conducted for the engineering students are pre-admission counselling, induction program, bridge courses, soft skill training, industrial visits and training, expert lectures, Mini-project, various competitions and major innovative projects

Category II: Development of student community from serving area

The activities conducted for the school going students are facilities to construct the projects, career counselling, science exhibitions, project competitions and technology talks about engineering.

Category III: Providing technical support to the community of the serving area.

The activities conducted to the serving community are industrial problem solving, providing consultancy, conducting entrepreneurial assistance, projects based on industrial needs and donating engineering facilities.

The institute has systematically developed a plan that addresses the manpower needs. The organization structure has developed in tune with the mission and vision of the institute.

File Description	Documents
Appropriate web in the Institutional website	[View File]()
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

Institute has been initiating and implementing various activities to assure andimprove quality in the different aspects of academics, co-curricular andextracurricular activities, faculty development. Another aspect, institute isfocusing on social exposure to students and faculty by conducting extensionactivities. In view of the vision, mission and core values, institute has plannedfor following initiatives.

1. To apply for NBA Accreditation for UG programs

2.Organize more community service activities to contribute to the wellness of thesociety Institute is planning to organize more community service activities tocontribute to the wellness of the society. Along with NSS unit and Unnat BharatAbhiyan departments are involved in the organization of different socialactivities.

3. Firm up collaborations to bridge the gap between academia

andindustry. Industry is the major stake holder of technical
institution. Continuousinteraction between technical
institution and industry is an essential.