



## YEARLY STATUS REPORT - 2021-2022

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	<b>BHAGWANT INSTITUTE OF TECHNOLOGY BARSHI</b>
• Name of the Head of the institution	<b>Dr. DESHMANE A K</b>
• Designation	<b>PRINCIPAL</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>2184220070</b>
• Mobile No:	<b>7020731525</b>
• Registered e-mail	<b>principal@bitbarshi.edu.in</b>
• Alternate e-mail	<b>bitbarshi6781@gmail.com</b>
• Address	<b>Gat No.1242, Tadsoundane Road, Latur-Kurduwadi by pass, Barshi</b>
• City/Town	<b>Barshi</b>
• State/UT	<b>Maharashtra</b>
• Pin Code	<b>413401</b>
<b>2.Institutional status</b>	
• Affiliated / Constitution Colleges	
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Dr. Babasaheb Ambedkar Technological University Lonere</b>				
• Name of the IQAC Coordinator	<b>Mr. Mundhe V L</b>				
• Phone No.	<b>2184220070</b>				
• Alternate phone No.	<b>2184220071</b>				
• Mobile	<b>8080046203</b>				
• IQAC e-mail address	<b>vlmbarshi@gmail.com</b>				
• Alternate e-mail address	<b>vlm_barshi@rediffmail.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="http://www.bitbarshi.edu.in">http://www.bitbarshi.edu.in</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://www.bitbarshi.edu.in">http://www.bitbarshi.edu.in</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.75</b>	<b>2019</b>	<b>01/10/2019</b>	<b>30/09/2024</b>
<b>6.Date of Establishment of IQAC</b>					
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			<b>Yes</b>		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>04</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
1.Development and application of quality benchmarks / parameters for the various academic and administrative activities of the institution.	1.Collaboration with other engineering colleges in teaching and learning practices to improve quality of teaching.
2.MOUs/Linkages/Collaborations	2.MOU with diferent organizations to conduct campus interview, industrial training and improving soft skill of students.
3Participation in the creation of a learner - centric environment conducive for quality education.	3Faculty course content development : Faculty are involved in course content development. ? Implementation of project based learning by faculty in the departments. ? Faculty self - appraisal done at the end of every academic year.
<b>13.Whether the AQAR was placed before statutory body?</b>	<b>No</b>

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

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

Year	Date of Submission
2020-21	07/02/2022

#### 15. Multidisciplinary / interdisciplinary

In view of NEP 2020, Bhagwant Institute of Technology Barshi has taken steps towards the multidisciplinary/interdisciplinary courses. Courses such as Humanity and social science, business communication skills are conducted for the students. Interdisciplinary projects to solve social problems are developed by the students as the part of project based learning and final year projects.

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

Bhagwant Institute of Technology Barshi is affiliated to Dr. Babasaheb Ambedkar Technological University Lonere (DBATU) and has the credit based system. Faculties are actively participating in the syllabus designing of their courses at University level. For assessment of the courses, faculties define the assessment tools and design the assignments, tests, quizzes for assessment of the students.

#### 17. Skill development:

Skill development helps build up strong foundation for learners. Bhagwant Institute of Technology Barshi has taken many steps to help students in becoming more skilled and job ready as mentioned below:

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

As per statutory requirements, the official language of content delivery is English, but practically, in order to infect the desired knowledge to the students coming from rural and vernacular background, the faculty regularly resorts to local languages (particularly, Marathi and Hindi) as and when required in an informal manner. This is useful to bring home the ultimate aim of putting the topics in perspective. Hopefully, with NEP 2020, and

country-wide motivation to write books in vernacular languages, in future sufficient terminology and academic resources will be available to officially teach in mother tongue of the students. Classroom delivery in fluent mode is already being done and no special training is as such required. However, there is lack of quality academic resources in vernacular language in the field of Engineering. With simultaneous development of such resources, it will become easier for the faculty to implement fluent content delivery. Officially, there is no such course being taught in Indian regional languages. Unofficially, during classroom content delivery both English and vernacular are being used to make the students understand the concepts.

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

Bhagwant Institute of Technology Barshi has well defined Program Outcomes (PO), Program Specific Outcomes (PSO) and Program Education Objectives (PEO) for each program. The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute. As the part of curriculum, each course has defined Course Outcomes (CO) which are mapped to POs and PSOs. Assessment tools are designed considering the requirements of POs. The activities and programs are organized in the Institute to achieve POs. At the end of the semester, analysis of PO, PSO attainment is done by each department.

#### **20.Distance education/online education:**

The Institute is affiliaed to Dr. Babasaheb Ambedkar Technological University Lonere(DBATU) . As per the guidelines of University, all lectures and practicals are conducted in physical mode. During pandemic, the system has adopted the change from classroom teaching to blended learning. Google drive, Google classrooms are effectively used for course conduction and evaluation process. Each course contents are available on MOODLE including syllabus, PPTs and notes. The assessments of the courses are done through online assignments, quizzes. The MCQ tests are conducted using Moodle platform as weel as using Google form. Online sessions are conducted on Google meet. Various student activities are conducted online using Google meet.

### **Extended Profile**

#### **1.Programme**

1.1

04

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

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

**2.Student**2.1 747

Number of students during the year

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

2.2 50Number of seats earmarked for reserved category as per GOI/ State  
Govt. rule during the year

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

2.3 200

Number of outgoing/ final year students during the year

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

**3.Academic**3.1 66

Number of full time teachers during the year

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

3.2 60

Number of Sanctioned posts during the year

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>04</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>747</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>50</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>200</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>66</b>
File Description	Documents
Data Template	<a href="#">View File</a>

3.2	60
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	16
Total number of Classrooms and Seminar halls	
4.2	109.28
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	275
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

##### Response:

The institute is affiliated to Dr. Babasaheb Ambedkar Technological University Lonere. The curriculum and syllabi 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 peer

learning, group discussion, use of NPTEL/MOOC 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	<a href="#">View File</a>
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. 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	<a href="#">View File</a>
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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

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

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 )	<a href="#">View File</a>

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

Nil

#### 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	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

Nil

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

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

Nil

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
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	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

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

Nil

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

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

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)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	Nil

### 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	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

49

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

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

To train the students for higher order skills, there is need of assessment of students at entry level. This type of assessment and counseling is done at the first year level, through the experts. In first year, students who got below 50% in 12th and below 40 marks in CET are considered as slow learners, also those students who sought the admission in First Year on the basis of Diploma, among them slow learners are identified who got below 60% in board exam.

Direct Second Year admitted students are segregated as slow learners, who got below 60% marks in their final board exam. Regular Second Year, third year and final year students are also segregated as slow and advanced learners on the basis of 60% threshold percentage.

### Programs for slow learners

1. Remedial/Revision classes
2. Retests/additional test for improvement
3. More practice in the form of Assignments, Lab practices.

### Programs for advanced learners

1. Outside participation through National/International level Conferences and workshops through

various technical festivals.

2. Preparing students for competitive exam for higher studies and for employment such as GATE .

3. Various co-curricular and extra-curricular events through various student associations, Entrepreneurship Development cell, and Soft-skill development center, T&P Cell.

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

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

Number of Students	Number of Teachers
745	66

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

## 2.3 - Teaching- Learning Process

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

Following are some of the strategies employed by faculty members during their content delivery:

### Participative Learning:

1. Think-pair-share, Think-pair-solo, Peer instruction etc.
2. Four Board Method

### 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.

1. Use of various Tools to build & enhance fundamentals and Skills of programming languages

2. Use of visualizations like animations, videos and simulator for parametric study

3. Workshops with hands-on sessions

4. Industrial/Vocational training

5. Use of handouts available such as notes, worksheets, assignments, laboratory sheets and question sheets

6. Projects, Mini-projects

7. Use of Virtual-labs to build fundamentals through experimental demonstration

Problem Solving Methodologies (for critical thinking and analytical thinking):

Student's knowledge and skills to solve complex and real-time problems right defining from problem statement to develop solutions for the problem working for an extended period of time are enhanced through:

1. Real-time projects providing solutions on various, Societal issues through Project Based Learning

2. Open Ended Quizzes - a Strategy to Enhance Critical Thinking

3. Handout based Learning for subjects with lab practices

4. Different programming contests where student design and develop solutions to given problem statement

5. Interdisciplinary activities

Other additional student centric approaches for enhancing student learning

1. Use of technologies and tools like WhatsApp application, Moodle, Apps development for course delivery or assessment.

2. Effect of guided presentation for effective writing for first year and second year students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="http://210.212.174.124/bit/">http://210.212.174.124/bit/</a>

**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.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
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

66

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

### 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

02

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

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

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

339

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

## 2.5 - Evaluation Process and Reforms

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

1. Our internal assessment is very transparent due to following features:
  - Course curriculum is finalized with the consent of Course coordinator, Module Coordinator & HOD.
  - Assessment results are in public domain along with answer books
  - Students' performance in assignment and laboratories are communicated in stipulated cycle.
  - Final Year project assessment schedule is prepared and displayed on the notice board in the first week of the semester. Final Year students are informed about project assessment. This assessment is based on stage wise completion of the projects.
  - Project diary includes the entire schedule of project stages.
  - Industrial training assessment criteria is informed to the students before joining the training by industrial training coordinator.
  - Opportunities of reassessment for slow learners and assessment on higher difficulty level for advanced learners.

For theory courses Mid Sem Exam is taken on 50% syllabus by DBATU on college level. The underperforming student is given opportunity to improve their performance.

### Information to the Parents

- Parents are made aware about internal evaluation criteria in Parents' Meetings, which are conducted for every class at

least once in a year.

- Test marks are conveyed to parents through Students' appraisal report.

#### 1. 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.

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

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

Following teaching faculties have been appointed in Examination Committee .

Sr. No.

Name

Designation

Committee Designation

01

Dr. A. K. Deshmane

Principal

Chairman

02

Mr. Katakdhond K N

Asst. Prof.

CEO

03

Mr. Patil D B

Asst. Prof.

Member

04

Ms. Kadam J V

Asst. Prof.

Member

05

Mr. Tulshi A R

Asst. Prof.

Member

06

Mr. Nalawade S S

Asst. Prof.

Member

1.At Departmental Level 1.The continuous evaluation of students is carried out by faculty interms of theory lectures, labs,assignments, etc. 2.The term work marks are allotted based on defined strategies anddisplayed 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 consistngof 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	<a href="#">View File</a>
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 program outcomes and Course outcomes are specified by Solapur University in its syllabus document.
- 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 achievement of COs and Pos.
- COs and PO's are communicated by respective subject teacher in their classes.
- Also it is Communicated by GFM at student their sessions.
- Display of COs and Pos on institutional website.
- Course file contains it in detailed.
- Displayed on all prominent places in college building.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

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, and student's activities by the course coordinator. CO's are mapped with all questions asked in the internal test. 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 tool 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	No File Uploaded
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**

202

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

## 2.7 - Student Satisfaction Survey

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

<http://www.bitbarshi.edu.in>

## 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)**

0

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

**3.1.2 - Number of 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)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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

9

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

### 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

5

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

#### 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

1

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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 programs 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 down trodden sections are fulfilled. Some extension activities conducted in the academic year 2021-22 are as under;

1. Our students and staff members actively participated in different extension activities like Tree plantation, clean India mission in villages near college.
2. On the occasion of Chatrapati Shivaji Maharaj Jayanti we conducted blood donation camp in our Institute.
3. Head of department and staff members in our college have given career guidance to the students in nearby schools.

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

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

### 3.3.3 - 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

20

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

### 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

668

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

### 3.4 - 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**

24

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

**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**

8

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

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.

The common facilities like auditoriums and conference halls may be utilized by government / social bodies booking in advance. These can be used for conducting guest lectures, training, conferences and workshops.

Library facility: It is well stacked with recommended text and reference books, e-books, e-journals, printed journals, CDs, rare books, digital library with air-conditioned reading room etc. Library has taken the membership of national and international e-Journals and e-book as well as print journals.

Transport facility: Institute provides bus facility for students commuting form different places of Barshi and nearby 50 kilometers area.

Sports Facilities: Grounds for outdoor games and facilities for indoor games are available. Well-equipped Gymnasium is available for students and staff.

Cafeteria: Canteens with all necessary amenities and hygiene are available.

Common room: To facilitate our female/male students, the Campus has established separate and spacious common rooms.

Sr. No.

Details of the Facilities

Required Number as per AICTE Norms

Available Number

1

**Classrooms**

16

16

2

**Tutorial Rooms**

4

4

3

**Laboratory**

39

40

4

**Work Shop**

2

2

5

**Computer Centre**

1

1

6

**Drawing Hall**

1

1

7

**Library & Reading Room**

1

1

8

**Seminar Halls**

2

3

9

**Training and Placement Office**

1

1

10

**No. of Computers**

200

310

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

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

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

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

17

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

17

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

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

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

##### 5.11

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

#### 4.2 - Library as a Learning Resource

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

The 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).

**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. The following reports are generated through this module: Books Issue/Return date wise, user wise, Department wise, Reports required for various statutory bodies and inspection teams and History of user and library resources. This will help in maintaining optimum stock of the concerned resources.

Serials: This is an important module of the Integrated Library Management System (ILMS) to maintain and keep record the serials (Print Journals, Magazine, bound volumes and Newspapers). Through this module we can track the subscription period and renewal date of the serials.

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

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

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

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

7.49

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

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

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

64

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

### 4.3 - IT Infrastructure

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

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 has 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	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**

310

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

**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)**

111.15

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

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

#### 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.

##### Laboratory and Workshop Facilities:

Adequate laboratory facilities exist for carrying out all the experiments as per curriculum. Any equipment for R & D work is also procured as and when required. Each Laboratory is managed and maintained by a Faculty in-charge and Technical Assistant.

##### 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.

##### Academic Facilities:

##### Library:

The Central Library with over 17000 titles and 62000 volumes and subscription to 4 data bases offers an excellent environment for academic pursuits. Each department has its own departmental library.

##### Computer Centers:

Apart from the computer labs for conducting scheduled classes as per curriculum, the college has established Central Computer Centre for general use of students from all disciplines.

#### Support Facilities:

##### Sports Complex:

Central Sports Facility for in-door and out-door games is available in the campus for students of the college.

- Firefighting and Fire Alarm System for fire safety.
- Banking facility for financial transactions.
- Canteens for Vegetarian and Non-Vegetarian food.
- Auditorium for conducting events.
- Security personnel for campus security and safety.
- 320 KVA and 62.5 KVA generators for uninterrupted power supply.

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

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

584

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

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

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

10

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

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

B. 3 of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

00

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

00

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
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

116

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

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

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

1

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

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

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

1

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

## 5.3 - Student Participation and Activities

### 5.3.1 - Number of awards/medals for outstanding performance in sports/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	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

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 coordinates 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 in various 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	<a href="#">View File</a>

### 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

10

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

## 5.4 - Alumni Engagement

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

**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 March 2018 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 38400/- 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	No File Uploaded

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

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of 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 governance in the Institute is consists of Governing Body (GB), Local Management Committee (LMC)/ College Development Council (CDC) and Internal Quality Assurance Cell (IQAC). The institute is convinced that its strategic policy will strengthen the various committees and cells of the institute. Weekly meetings of the director and department heads are held to discuss academic

issues and review developments. The department head informs the academic of these academic problems or new plans with faculties in department meetings. The director of the institute ensures the participation of all those interested in the various activities of the institute.

Short-term plans are designed and executed according to IQAC's suggestions. If an important decision is reached by consensus among IQAC members, the main decision is sent to the governing body for approval.

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

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

The 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 a 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.
2. Monitoring and improving students' attendance and solve their problems on personal level, by Guardian Faculty Member.
3. Conduction on unit test, MID-Sem. internal & external practical examinations.

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

## 6.2 - Strategy Development and Deployment

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

The strategic plan of Bhagwant Institute of Technology focuses on new environmental changes and challenges particularly in the new millennium are forcing educational institutes to revamp its strategy and action plans. We focus on Engineering excellence, value-based education.

Use of ICT based tools for Teaching-learning management (MOODLE).

As we had planned the use of ICT tools for Teaching Learning management, we have implemented it with MOODLE (Modular Object Oriented Dynamic Learning Environment). We have created MOODLE platform as per our requirements and assign the role of MOODLE coordinator to departmental faculties. We have created our courses branch-wise, year-wise and semester-wise. Staff and Students were enrolled for allocated courses by coordinators. Teaching staff with respective to course have provided unit-wise syllabus, assignments, PPTs, Videos and etc. Students have accessed course material via PCs, Laptop, and Mobile App with their login credentials. Assignment assessment was done virtually as student submits assignment on MOODLE. Various feedbacks were also taken by using MOODLE, like student to staff, staff to HOD, HOD to student & so-on. We have also use H5P (Graphical Interface) content on MOODLE to make learning interesting and entertaining also, which helped us to attract students towards the subject with some curiosity.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
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.

#### Governing Body (GB):

The GB is the head body of the Institute. The Body stipulates guidelines and directions for the programs, policies, and processes. Meeting of GB is conducted regularly to evaluate the development of the institute and also decides priorities and focus areas for further expansion.

#### College Development Committee (CDC):

- Discuss the budget and financial statements and forward it to the GB for sanction.
- Advise to the GB the necessity of the faculty, staff and other posts by evaluating the workload.
- Attending university meetings to stipulate the quality policies and action plans for quality educations and institute developments.
- Discuss the result analysis and actions to improve academic standards through HOD.
- Discuss faculty and staff performance and Motivates faculty members to accomplish excellence in their field.
- Allocation of portfolios, coordinators and committees for the smooth functioning of the department.

#### Internal Quality Assurance Cell (IQAC):

The short terms' plans are designed and executed as per the suggestions led by IQAC. The various activities carried out in the Institute results in strengthening the youth by providing the best quality of education. If any major resolution comes through consensus of IQAC members then it is forwarded to the GB for

approval.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance 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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

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

List of Welfare Schemes provided by the institute:

- Provident Fund Facility for Staff- Employees Provident Fund Scheme (EPF)
- Health checkup and counseling facility for Staff
- Providing college uniform to non-teaching staff (Security Personal and peons)
- Accommodation facility for non-teaching staff
- Providing financial aid for professional membership

Sr No.

Particular

Percentage

1

Provident Fund

Yes

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 the workshop, seminars, etc.

100%

8

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

100%

9

Mediclaim insurance policy for Teaching & non-teaching staff.

100%

10

Personal library scheme for faculty

Yes

11

Faculty Improvement Program

Yes

12

Financial support from University for publication of Ph. D. Thesis in book form

Yes

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

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

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

0

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)	No File Uploaded

### 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

1

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

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

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

15

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

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

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. A major contribution to the benefit of student/ staff / Institute2 Awards/ Rewards obtained by the faculty and staff
5. Contribution towards extracurricular and co-curricular activities
6. Execution of exam duties assigned
7. The research contribution of staff in terms of research projects
8. Publications and guidance provided to students for involvement in research.

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. The

decisions taken by the management are communicated to concerned stakeholders through principals concerns by circular, official orders, etc.

The institution has a Performance Appraisal System for teaching and non-teaching staff. Performance appraisal is divided into three categories and done annually at the end of each Academic Year.

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

## 6.4 - Financial Management and Resource Mobilization

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

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 the last three years are the part of the upload documents and are made available on 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:
  1. The financial statements are prepared under historical cost convention on the accrual basis.
  2. Fees from students are recognized as income.
  3. Investments are stated at cost plus accumulated interest till the date of the Balance Sheet.

The academic audit is conducted at two levels.

1. 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.
2. The academic audit is also conducted on a monthly basis by the external committee (other than an institute) appointed by the management.

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)

0

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)	No File Uploaded

#### 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.
  1. The Institute should promote revenue generation to the activities such as Design Competition, Seminar, Conferences, Industry collaboration to generate revenue.
  2. 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

The following two practices are institutionalized in the institute:

### 1. Academic Audit:

The academic audit is conducted at two levels.

1. 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 corrective measures are taken based on the report/observations.
2. The academic audit is also conducted on a monthly basis by the external committee (other than an institute) appointed by the management. The committee visits each department and takes the review. Based on the observations, the report is submitted to the corporate office with a copy to the principal/director of the institute.

### 2. Mentoring:

- GFM is assigned a group of 15-20 students, to identify and solve their problems and needs time to time.
- GFMs offer suggestions and advice to the student as and when it is needed and monitors the attendance of the students.
- The GFM is in contact with the parents of these students. All the students of the institute are benefited through this GFM scheme.
- To address the concern of students, the counseling team works upon each and every issue related to personal and academics.

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

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

After establishing the IQAC in the college, started working towards quality education and inculcating quality culture among the students and staff. The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes as follows:

1. Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.
2. Implementation of Outcome-based learning education in each program.
3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.
4. Participation of college in NBA, AISHE, and various other quality audits recognized by the state, national and international agencies.
5. Establishment of Institute Innovation Council (IIC) under MHRD.
6. Establishing Research and Development cell to promote Research and Development activities.
7. Conducting quality programs i.e., seminars, webinars, guest

lectures, conferences, etc.

8. Establishment of various processes to take feedback/surveys from various stakeholders.
9. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.
10. Establishment of the Mentor-mentee process and its effective implementation.
11. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC.
12. To institutionalize the best efforts to make the campus ragging-free and develop the discipline in the students along with the establishment of grievance redressal cell.

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	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The Institute has recognized the distinct aspects of education from a gender perspective.

The Institution shows gender sensitivity by providing the following facilities.

**Safety and Security:** Institute has its own ambulance facility on the campus. Anti - Ragging and Women grievance cells exist in the institute to resolve grievances. The institute has separate boys and girls hostels in the premises. Girls have to take the permission on gate pass from the rector to go outside more than the scheduled time.

All the entrances in the Institute campus are monitored by CCTV cameras. Institute has Fire safety equipment and is maintained regularly. Transport facility is available from all corners of taluka. First aid boxes containing medicines are available at suitable places in the institute.

**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.

**Common Room:** Institute has a separate girl's common room and boy's common room. In the case of the medical emergency, a separate sick room is available along with all necessary facilities.

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**

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

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

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 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	<a href="#">View File</a>
Geo tagged photographs of the facilities	Nil
Any other relevant information	<a href="#">View File</a>

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

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

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows: 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	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
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**

**B. Any 3 of the above**

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal 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.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

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, Indian Constitution 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	<a href="#">View File</a>
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**

**B. Any 3 of the above**

**4. Annual awareness programmes on Code of Conduct are organized**

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

#### 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)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

Following best practices conducted in the institute

1. "Academic Enrichment (Development) Program through Mini Projects"
2. "Promoting life skills & professional skills"

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
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 counseling, 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 counseling, 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 syllabi 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 peer learning, group discussion, use of NPTEL/MOOC 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	<a href="#">View File</a>
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. 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	<a href="#">View File</a>
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**

**C. Any 2 of the above**

**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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

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

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 )	<a href="#">View File</a>

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

Nil

**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	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

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

Nil

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

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

Nil

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
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	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

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

Nil

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

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

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)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	Nil

### 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	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

49

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

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

To train the students for higher order skills, there is need of assessment of students at entry level. This type of assessment and counseling is done at the first year level, through the experts. In first year, students who got below 50% in 12th and below 40 marks in CET are considered as slow learners, also those students who sought the admission in First Year on the basis of Diploma, among them slow learners are identified who got below 60% in board exam.

Direct Second Year admitted students are segregated as slow learners, who got below 60% marks in their final board exam. Regular Second Year, third year and final year students are also segregated as slow and advanced learners on the basis of 60% threshold percentage.

### Programs for slow learners

1. Remedial/Revision classes
2. Retests/additional test for improvement
3. More practice in the form of Assignments, Lab practices.

### Programs for advanced learners

1. Outside participation through National/International level Conferences and workshops through various technical festivals.
2. Preparing students for competitive exam for higher studies and for employment such as GATE .

3. Various co-curricular and extra-curricular events through various student associations, Entrepreneurship Development cell, and Soft-skill development center, T&P Cell.

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

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

Number of Students	Number of Teachers
745	66

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

### 2.3 - Teaching- Learning Process

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

Following are some of the strategies employed by faculty members during their content delivery:

#### Participative Learning:

1. Think-pair-share, Think-pair-solo, Peer instruction etc.
2. Four Board Method

#### 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.

1. Use of various Tools to build & enhance fundamentals and Skills of programming languages

2. Use of visualizations like animations, videos and simulator for parametric study

3. Workshops with hands-on sessions

4. Industrial/Vocational training

5. Use of handouts available such as notes, worksheets, assignments, laboratory sheets and question sheets

6. Projects, Mini-projects

7. Use of Virtual-labs to build fundamentals through experimental demonstration

Problem Solving Methodologies (for critical thinking and analytical thinking):

Student's knowledge and skills to solve complex and real-time problems right defining from problem statement to develop solutions for the problem working for an extended period of time are enhanced through:

1. Real-time projects providing solutions on various, Societal issues through Project Based Learning

2. Open Ended Quizzes - a Strategy to Enhance Critical Thinking

3. Handout based Learning for subjects with lab practices

4. Different programming contests where student design and develop solutions to given problem statement

5. Interdisciplinary activities

Other additional student centric approaches for enhancing student learning

1. Use of technologies and tools like WhatsApp application, Moodle, Apps development for course delivery or assessment.

2. Effect of guided presentation for effective writing for first year and second year students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="http://210.212.174.124/bit/">http://210.212.174.124/bit/</a>

**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.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
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**

66

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

**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**

02

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

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

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

339

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

### 2.5 - Evaluation Process and Reforms

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

1. Our internal assessment is very transparent due to following features:

- Course curriculum is finalized with the consent of Course coordinator, Module Coordinator & HOD.
- Assessment results are in public domain along with answer books
- Students' performance in assignment and laboratories are communicated in stipulated cycle.
- Final Year project assessment schedule is prepared and displayed on the notice board in the first week of the semester. Final Year students are informed about project assessment. This assessment is based on stage wise completion of the projects.
- Project diary includes the entire schedule of project stages.
- Industrial training assessment criteria is informed to the students before joining the training by industrial training coordinator.
- Opportunities of reassessment for slow learners and assessment on higher difficulty level for advanced learners.

For theory courses Mid Sem Exam is taken on 50% syllabus by DBATU on college level. The underperforming student is given opportunity to improve their performance.

**Information to the Parents**

- Parents are made aware about internal evaluation criteria in Parents' Meetings, which are conducted for every class at least once in a year.
- Test marks are conveyed to parents through Students' appraisal report.

**1. 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.

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

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

Following teaching faculties have been appointed in Examination Committee .

**Sr. No.**

**Name**

**Designation**

**Committee Designation**

01

Dr. A. K. Deshmane

Principal

**Chairman**

02

Mr. Katakdhond K N

Asst. Prof.

CEO

03

Mr. Patil D B

Asst. Prof.

Member

04

Ms. Kadam J V

Asst. Prof.

Member

05

Mr. Tulshi A R

Asst. Prof.

Member

06

Mr. Nalawade S S

Asst. Prof.

Member

1.At Departmental Level 1.The continuous evaluation of students is carried out by faculty interms 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	<a href="#">View File</a>
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 program outcomes and Course outcomes are specified by Solapur University in its syllabus document.
- 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 achievement of COs and Pos.
- COs and PO's are communicated by respective subject teacher in their classes.
- Also it is Communicated by GFM at student their sessions.
- Display of COs and Pos on institutional website.
- Course file contains it in detailed.
- Displayed on all prominent places in college building.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

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, and student's activities by the course coordinator. CO's are mapped with all questions asked in the internal test. 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 tool 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	No File Uploaded
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

202

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

## 2.7 - Student Satisfaction Survey

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

<http://www.bitbarshi.edu.in>

## 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)**

0

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

**3.1.2 - Number of 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)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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

9

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

### 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

5

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

### 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

1

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 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 programs 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. Some extension activities conducted in the academic year 2021-22 are as under;

1. Our students and staff members actively participated in different extension activities like Tree plantation, clean India mission in villages near college.
2. On the occasion of Chatrapati Shivaji Maharaj Jayanti we conducted blood donation camp in our Institute.
3. Head of department and staff members in our college have given career guidance to the students in nearby schools.

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

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

### 3.3.3 - 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

20

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

### 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

668

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

### 3.4 - 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

24

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

#### 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

8

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

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.

The common facilities like auditoriums and conference halls may be utilized by government / social bodies booking in advance. These can be used for conducting guest lectures, training, conferences and workshops.

Library facility: It is well stacked with recommended text and reference books, e-books, e-journals, printed journals, CDs, rare books, digital library with air-conditioned reading room etc. Library has taken the membership of national and international e-Journals and e-book as well as print journals.

Transport facility: Institute provides bus facility for students commuting form different places of Barshi and nearby 50 kilometers area.

Sports Facilities: Grounds for outdoor games and facilities for indoor games are available. Well-equipped Gymnasium is available for students and staff.

Cafeteria: Canteens with all necessary amenities and hygiene

are available.

Common room: To facilitate our female/male students, the Campus has established separate and spacious common rooms.

Sr. No.

Details of the Facilities

Required Number as per AICTE Norms

Available Number

1

Classrooms

16

16

2

Tutorial Rooms

4

4

3

Laboratory

39

40

4

Work Shop

2

2

5

**Computer Centre**

1

1

6

**Drawing Hall**

1

1

7

**Library & Reading Room**

1

1

8

**Seminar Halls**

2

3

9

**Training and Placement Office**

1

1

10

**No. of Computers**

200

310

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

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

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

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

17

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

17

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

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

5.11

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

**4.2 - Library as a Learning Resource****4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The 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).

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. The following reports are generated through this module: Books Issue/Return date wise, user wise, Department wise, Reports required for various statutory bodies and inspection teams and History of user and library resources. This will help in maintaining optimum stock of the concerned resources.

Serials: This is an important module of the Integrated Library Management System (ILMS) to maintain and keep record the serials (Print Journals, Magazine, bound volumes and Newspapers). Through this module we can track the subscription period and renewal date of the serials.

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

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

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

7.49

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

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

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

64

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

#### 4.3 - IT Infrastructure

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

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 therenovation of the old network infrastructure. Recently the Internet connectivity bandwidth is upgradedto60 Mbps speed. Institute has internet security mechanism with Cyberoamfirewall software. Institute havededicated servers for LearningManagement 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	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

310

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

#### 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)**

111.15

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

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

**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.

**Laboratory and Workshop Facilities:**

Adequate laboratory facilities exist for carrying out all the experiments as per curriculum. Any equipment for R & D work is also procured as and when required. Each Laboratory is managed and maintained by a Faculty in-charge and Technical Assistant.

**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.

**Academic Facilities:**

**Library:**

The Central Library with over 17000 titles and 62000 volumes and subscription to 4 data bases offers an excellent environment for academic pursuits. Each department has its own departmental library.

**Computer Centers:**

Apart from the computer labs for conducting scheduled classes as per curriculum, the college has established Central Computer Centre for general use of students from all disciplines.

**Support Facilities:****Sports Complex:**

Central Sports Facility for in-door and out-door games is available in the campus for students of the college.

- Firefighting and Fire Alarm System for fire safety.
- Banking facility for financial transactions.
- Canteens for Vegetarian and Non-Vegetarian food.
- Auditorium for conducting events.
- Security personnel for campus security and safety.
- 320 KVA and 62.5 KVA generators for uninterrupted power supply.

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

**STUDENT SUPPORT AND PROGRESSION****5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

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

584

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

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

10

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

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

B. 3 of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

00

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

00

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

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

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
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

116

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

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

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

1

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

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

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

**government examinations) during the year**

1

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

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports/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	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

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 coordinates

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 in various 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	<a href="#">View File</a>

### 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

10

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

### 5.4 - Alumni Engagement

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

**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 March 2018 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 38400/- 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	No File Uploaded

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

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of 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 governance in the Institute is consists of Governing Body (GB), Local Management Committee (LMC)/ College Development Council (CDC) and Internal Quality Assurance Cell (IQAC). The institute is convinced that its strategic policy will strengthen the various committees and cells of the institute. Weekly meetings of the director and department heads are held to discuss academic issues and review developments. The department head informs the academic of these academic problems or new plans with faculties in department meetings. The director of the institute ensures the participation of all those interested in the various activities of the institute.

Short-term plans are designed and executed according to IQAC's suggestions. If an important decision is reached by consensus among IQAC members, the main decision is sent to the governing body for approval.

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

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

The 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 a 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.
2. Monitoring and improving students' attendance and solve their problems on personal level, by Guardian Faculty Member.
3. Conduction on unit test, MID-Sem. internal & external practical examinations.

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

**6.2 - Strategy Development and Deployment****6.2.1 - The institutional Strategic/ perspective plan is effectively deployed**

The strategic plan of Bhagwant Institute of Technology focuses on new environmental changes and challenges particularly in the new millennium are forcing educational institutes to revamp its strategy and action plans. We focus on Engineering excellence, value-based education.

**Use of ICT based tools for Teaching-learning management (MOODLE).**

As we had planned the use of ICT tools for Teaching Learning management, we have implemented it with MOODLE (Modular Object Oriented Dynamic Learning Environment). We have created MOODLE platform as per our requirements and assign the role of MOODLE coordinator to departmental faculties. We have created our courses branch-wise, year-wise and semester-wise. Staff and Students were enrolled for allocated courses by coordinators. Teaching staff with respective to course have provided unit-

wise syllabus, assignments, PPTs, Videos and etc. Students have accessed course material via PCs, Laptop, and Mobile App with their login credentials. Assignment assessment was done virtually as student submits assignment on MOODLE. Various feedbacks were also taken by using MOODLE, like student to staff, staff to HOD, HOD to student & so-on. We have also use H5P (Graphical Interface) content on MOODLE to make learning interesting and entertaining also, which helped us to attract students towards the subject with some curiosity.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
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.

#### Governing Body (GB):

The GB is the head body of the Institute. The Body stipulates guidelines and directions for the programs, policies, and processes. Meeting of GB is conducted regularly to evaluate the development of the institute and also decides priorities and focus areas for further expansion.

#### College Development Committee (CDC):

- Discuss the budget and financial statements and forward it to the GB for sanction.
- Advise to the GB the necessity of the faculty, staff and other posts by evaluating the workload.
- Attending university meetings to stipulate the quality policies and action plans for quality educations and institute developments.
- Discuss the result analysis and actions to improve academic standards through HOD.
- Discuss faculty and staff performance and Motivates

faculty members to accomplish excellence in their field.

- Allocation of portfolios, coordinators and committees for the smooth functioning of the department.

#### Internal Quality Assurance Cell (IQAC):

The short terms' plans are designed and executed as per the suggestions led by IQAC. The various activities carried out in the Institute results in strengthening the youth by providing the best quality of education. If any major resolution comes through consensus of IQAC members then it is forwarded to the GB for approval.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

#### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance 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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

#### 6.3 - Faculty Empowerment Strategies

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

List of Welfare Schemes provided by the institute:

- Provident Fund Facility for Staff- Employees Provident Fund Scheme (EPF)
- Health checkup and counseling facility for Staff
- Providing college uniform to non-teaching staff (Security Personal and peons)
- Accommodation facility for non-teaching staff
- Providing financial aid for professional membership

Sr No.

Particular

Percentage

1

Provident Fund

Yes

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 the workshop, seminars, etc.

100%

8

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

100%

9

Medicclaim insurance policy for Teaching & non-teaching staff.

100%

10

Personal library scheme for faculty

Yes

11

Faculty Improvement Program

Yes

12

Financial support from University for publication of Ph. D. Thesis in book form

Yes

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

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

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

0

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)	No File Uploaded

**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**

1

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

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

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

15

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

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

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. A major contribution to the benefit of student/ staff / Institute2 Awards/ Rewards obtained by the faculty and staff
5. Contribution towards extracurricular and co-curricular activities
6. Execution of exam duties assigned
7. The research contribution of staff in terms of research projects
8. Publications and guidance provided to students for involvement in research.

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. The decisions taken by the management are communicated to concerned stakeholders through principals concerns by circular, official orders, etc.

The institution has a Performance Appraisal System for teaching and non-teaching staff. Performance appraisal is divided into three categories and done annually at the end of each Academic Year.

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

#### 6.4 - Financial Management and Resource Mobilization

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

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 the last three years are the part of the upload documents and are made available on 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:
  1. The financial statements are prepared under historical cost convention on the accrual basis.
  2. Fees from students are recognized as income.
  3. Investments are stated at cost plus accumulated interest till the date of the Balance Sheet.

The academic audit is conducted at two levels.

1. 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.
2. The academic audit is also conducted on a monthly basis by the external committee (other than an institute) appointed by the management.

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)**

0

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)	No File Uploaded

**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.

1. The Institute should promote revenue generation to the activities such as Design Competition, Seminar, Conferences, Industry collaboration to generate revenue.
2. 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

The following two practices are institutionalized in the institute:

### 1. Academic Audit:

The academic audit is conducted at two levels.

1. 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 corrective measures are taken based on the report/observations.
2. The academic audit is also conducted on a monthly basis by the external committee (other than an institute) appointed by the management. The committee visits each department and takes the review. Based on the observations, the report is submitted to the corporate office with a copy to the principal/director of the institute.

### 2. Mentoring:

- GFM is assigned a group of 15-20 students, to identify and solve their problems and needs time to time.
- GFMs offer suggestions and advice to the student as and when it is needed and monitors the attendance of the students.
- The GFM is in contact with the parents of these students. All the students of the institute are benefited through this GFM scheme.
- To address the concern of students, the counseling team works upon each and every issue related to personal and academics.

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

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

After establishing the IQAC in the college, started working towards quality education and inculcating quality culture among the students and staff. The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes as follows:

1. Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops, and guest lecturers from industry experts, MOUs, etc.
2. Implementation of Outcome-based learning education in each program.
3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.
4. Participation of college in NBA, AISHE, and various other quality audits recognized by the state, national and international agencies.
5. Establishment of Institute Innovation Council (IIC) under MHRD.
6. Establishing Research and Development cell to promote Research and Development activities.
7. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc.
8. Establishment of various processes to take feedback/surveys from various stakeholders.
9. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.
10. Establishment of the Mentor-mentee process and its effective implementation.
11. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC.
12. To institutionalize the best efforts to make the campus ragging-free and develop the discipline in the students

along with the establishment of grievance redressal cell.

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	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The Institute has recognized the distinct aspects of education from a gender perspective.

The Institution shows gender sensitivity by providing the

following facilities.

**Safety and Security:** Institute has its own ambulance facility on the campus. Anti - Ragging and Women grievance cells exist in the institute to resolve grievances. The institute has separate boys and girls hostels in the premises. Girls have to take the permission on gate pass from the rector to go outside more than the scheduled time.

All the entrances in the Institute campus are monitored by CCTV cameras. Institute has Fire safety equipment and is maintained regularly. Transport facility is available from all corners of taluka. First aid boxes containing medicines are available at suitable places in the institute.

**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.

**Common Room:** Institute has a separate girl's common room and boy's common room. In the case of the medical emergency, a separate sick room is available along with all necessary facilities.

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**

A. 4 or All of the above

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

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 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	<a href="#">View File</a>
Geo tagged photographs of the facilities	Nil
Any other relevant information	<a href="#">View File</a>

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

**B. Any 3 of the above**

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

**7.1.5 - Green campus initiatives include**

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

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

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

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

**7.1.6.1 - The institutional environment and**

**B. Any 3 of the above**

**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**

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

**B. Any 3 of the above**

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal 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.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

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, Indian Constitution 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	<a href="#">View File</a>
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**

B. Any 3 of the above

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

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)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

Following best practices conducted in the institute

1. "Academic Enrichment (Development) Program through Mini Projects"
2. "Promoting life skills & professional skills"

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
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 counseling, 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 counseling, 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	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

1. Introduction of new skill based short term courses.
2. Preparedness for implementation of NEP 2020
3. International Conference at the institute level.
4. Training programmes for teaching and non-teaching.
5. Increase interdisciplinary projects
6. Collaboration with national Institute of repute.

7. Organisation of workshops, seminars and academic talks.
8. To strengthen the alumni connect.
9. Installation of the solar panels.
10. Organisation of the programmes on cross cutting issues.
11. Establishment of career guidance club for opportunities in Government and private sectors.
12. Increase participation in co-curricular, extra-curricular activities at national and international level.
13. Motivate faculties to attend professional development programs/faculty development programs (Minimum one week).