YEARLY STATUS REPORT - 2021-2022

Part A
Data of the Institution

1.Name of the Institution	Dr. Babasaheb Ambedkar Technological University, Lonere
• Name of the Head of the institution	Prof. Karbhari Vishwanath Kale
• Designation	Vice-Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02140275101
• Mobile no	9422203089
• Registered e-mail	vc@dbatu.ac.in
• Alternate e-mail address	registrar@dbatu.ac.in
• City/Town	Lonere-Raigad
• State/UT	Maharashtra
• Pin Code	402103
2.Institutional status	
• University	State
• Type of Institution	Co-education
• Location	Rural

• Name of the IQAC Co-ordinator/Director	Dr. Madhukar Shivling Tandale
• Phone no./Alternate phone no	02140275142
• Mobile	9561871212
• IQAC e-mail address	iqac.dir@dbatu.ac.in
• Alternate Email address	mstandale@dbatu.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)	https://dbatu.ac.in/wp-content/uploads/2022/11/AQAR-20-21.pdf
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://dbatu.ac.in/academics-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.35	2015	03/03/2015	02/03/2020

6.Date of Establishment of IQAC	05/10/2011

7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr. Babasaheb Ambedkar Technological Univ Lonere	RGSTC University Scheme	RGSTC	Feb 2022 For One Year	5000000
Dr. Babasaheb Ambedkar Technological Univ Lonere	RUSA 2.0	RUSA through GoM	13 May 2020	100000000
Dr. Babasaheb Ambedkar Technological Univ Lonere	AICTE and ATAL	3 FDPs	2020 completed in AY 21-22	706000
Dr. Babasaheb Ambedkar Technological Univ Lonere	Establishment of Incubation Center	MSInS	Nov 2019 for 5 years	50000000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	[View File](#)	
9.No. of IQAC meetings held during the year	1	
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)	Yes	

• (Please upload, minutes of meetings and action taken report)	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

1. Submitted AQARs for 19-20 and 20-21 which were pending due to corona pandemic. 2. Participation of Criteria Coordinators in Online STP on the accreditation process. 3. Planning for Activities for Submission of IIQA/SSR/AQAR 21-22 4. Strengthening Office & Resources for IQAC

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

Plan of Action	Achievements/Outcomes
Implementation of Swayam/NPTEL online courses in the University for the benefit of students	Use of online tools for teaching. 1 or 2 courses during each semester, students are asked to register for the same courses available on NPTEL
IT integration and reforms in the examination procedures and processes	Continuous assessment and Online mode of examinations (mid-sem and end-sem exams) during odd semester. Then the exam was switched to offline mode.
Innovations like incubation center for transfer of knowledge	Developing and nurturing the culture of creation of entrepreneurs

13.Whether the AQAR was placed before statutory body?	**Yes**
• Name of the statutory body	

Name	Date of meeting(s)
Academic Council of the University	26/12/2022

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	02/01/2023

16.Multidisciplinary / interdisciplinary

The Vision of NEP, to provide high-quality education to develop human resources in our nation as global citizens, is well taken by our university. Ours is among the first Universities in the country to create awareness of NEP 2020. It can be said that the University is proactively working towards the implementation of the suggestions given in the NEP.

In view of the NEP, University implementing various reforms in line with NEP (2020) like

1. Admission to any PG program irrespective of UG programs (w.e.f. AY 2020-2021)
2. Integrated PG Programs (w.e.f. AY 2023-2024)
3. Multiple entry-exit facilities implanted for all B.Voc programs
4. Choice based credit system (w.e.f. AY 2017-2018)
5. Academic credit bank (Registration is completed on ABC portal and most of the students got ABC ID)
6. Honor and Minor degrees (w.e.f. AY 2020-2021)
7. Credit transfer (credits transferred from SWAYAM/NPTEL for 20% of the courses)
8. Six-month industrial internship (internship of six months in final semester w.e.f. AY 2021-2022).
9. Interdisciplinary Ph.D programs (w.e.f. AY 2020-2021).
10. Development of curriculum with the involvement of all stakeholders (w.e.f. AY 2019-2020).
11. Frequent revamping of curriculum after every semester as per the need of the hour.
12. Introduction of open electives at the university level. (w.e.f. AY 2017-2018)

13. Mandatory subjects from emerging areas were notified by AICTE. (AI w.e.f. 2021-2022 & Cyber Security w.e.f. 2022-2023)
14. Proposed and started Incubation Center (established section 8 company from 2019).
15. Industry-academia linkages (signed MoUs with reputed institutes and industries for joint collaboration)
16. 20% of Mandatory Courses of each semester are to be completed through online platforms
17. Courses like Financial Management, Universal Human Values, Artificial Intelligence, Basic Human Rights, Employability and Skill Development, and Foreign Language studies are made mandatory by the University

To fulfill the requirements of NEP-2020 in letter and spirit, University has decided to establish various schools such as:

1. The School of Engineering and Technology
2. The School of Health Sciences
3. The School of Management Studies
4. The School of Applied Social Sciences
5. The School of Marine Sciences the School of Earth Sciences

It is proposed to start interdisciplinary, multidisciplinary & trans-disciplinary programs under these schools in the coming 2-3 years.

17.Academic bank of credits (ABC):

One of the provisions of the National Education Policy 2020 (NEP 2020) is the introduction of the Academic Bank of Credit (ABC). The University has registered on the ABC portal. About 50% of students are registered on ABC portal and got the ABC ID. Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued therein, in the Academic Bank Account of the student and the validity of such credits shall be as per norms and guidelines issued by the Commission from time to time. DBATU is an official member of the National Academic Depository which is a government endeavour to offer an online repository for all academic awards under the Digital India Programme. From 2012 onwards, DBATU is uploading students' mark sheets and degree certificates through the nad.digitallocker.gov.in platform. The National Academic Bank of Credits (ABC) portal has now been integrated into the nad.digitallocker.gov.in platform and is currently live for the academic year 2021-22. DBATU follows a choice-based credit system for all of its programmes and resolution related to the ABC is approved by the Academic Council.

18.Skill development:

Vocational programs are introduced based on National Skill Qualification Framework (NSQF) in the 13 affiliated institutes. DBATU aims at providing quality vocational education by combining classroom-centered formal education and training with experience sharing of Industry practitioners and internships in business houses. The focus is towards integrated knowledge acquisition and upgrading human skills towards creating a new league of employable youth. The Institution is already conducting skill-based courses as designed by the university from Semesters 3 to 6 in various programs. Also, under the employability & skill development of students, the University has introduced courses such as Product Design Engineering, Soft Skill Development, Universal Human Values, Basic Human Rights, and Communication skill.

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

The preservation and promotion of India's cultural wealth must be considered a high priority for the country, as it is truly important for the nation's identity as well as for its Economy. In this regard appropriate integration of the Indian Knowledge system particularly teaching in Indian languages is important. Our University is recognized as a Nodal center for the translation of technical English books in the Marathi language. University successfully coordinated for translation of 20 First year Degree and Diploma books. University received appreciation from AICTE and the Government of Maharashtra.

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

Dbatu offers 16 courses across Engineering, Environmental Studies, Humanities, , Sciences and Technology, Science, Social Sciences and Technology All these programmes are offered as outcomes-based education (OBE) which are designed keeping in mind the regional and global requirements. DBATU has implemented outcome-based education with clearly stated Programme Outcomes, Programme Specific Outcomes and course outcomes. All courses are designed with outcomes centred on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsibility and ethics, as well as entrepreneurial skills so that students contribute proactively to the economic, environmental and social well-being of the nation. The Course Objectives (COs) are also aligned with the PO-PSO philosophy. All course syllabi have been designed with due consideration to macro-economic and social needs at large so as to apply the spirit of NEP.

21.Distance education/online education:

Due to Covid -19 pandemic, educational institutions in the country has increasingly involved in using digital platforms for engaging in classes and conducting conferences and meetings. Keeping aside the negative impact of the lack of face-to-face learning, online education has broken the geographical barriers creating interaction between experts and students from distant geographies. Opening up of the economy including that of educational institutions has paved the way for adopting the hybrid mode of education combining online and offline resources. This can be considered the new normal, which is envisaged in New Education Policy as well. Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. Faculties are encouraged to offer MOOC courses that promote the blended learning system of learning. The whole college campus is Wi-Fi enabled with digitally interactive panels installed in classrooms and hence no hindrance /obstacle in online education.

Extended Profile

1.Programme	
1.1 Number of programmes offered during the year:	**15**
1.2 Number of departments offering academic programmes	**8**
2.Student	
2.1 Number of students during the year	**2232**
2.2 Number of outgoing / final year students during the year:	**682**
2.3 Number of students appeared in the University examination during the year	**2182**
2.4 Number of revaluation applications during the year	**46**

3.Academic	
3.1 Number of courses in all Programmes during the year	**960**
3.2 Number of full time teachers during the year	**121**
3.3 Number of sanctioned posts during the year	**95**
4.Institution	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	**428**
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**231**
4.3 Total number of classrooms and seminar halls	**30**
4.4 Total number of computers in the campus for academic purpose	**406**
4.5 Total expenditure excluding salary during the year (INR in lakhs)	**611**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The University follows a systematic process in designing and developing the curriculum. The approving authorities for the

University are Board of Studies (BoS), Academic Council (AC) and Executive Council (EC). The programmes are structured to provide a solid basis in Engineering and Technology, Humanities, and Sciences. The courses are designed to improve human dignity, skills, employability and competency building, creativity/innovation and open thinking, cultural diversity, gender equality, respect for nature and environmental consciousness, democratic, participatory and ethical approach and team building through improved interpersonal communication. Several new courses are in place based on the feedback of students, alumni, employers and experts from academia and industry. The latest courses on AI, Machine Learning, Data Science and IoT are offered by Departments of Computer Engineering, Information Technology and Electronics and Telecommunication Engineering. The Department of Mechanical Engineering has designed a course on Fundamentals of Automobile Design with the help of Tata Technologies, Pune to improve the employability. The CBCS and OBE with good number of electives as well as POs/PSOs/COs designed for all programs and are published on the web site as well as placed in the respective department and the awareness has been created among the students.

File Description	Documents
Upload relevant supporting document	View File

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

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

84

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

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

The University is fully aware of the fact that for holistic development of students, it is necessary to give enough attention to extra- and co-curricular activities along with sound curriculum. Courses such as self-study seminar, technical project on community services (group project) and final year project (group project), industrial training and internship and industrial visits promote self- and participatory learning. In addition, assignment, quizzes, course seminars also promote self- and participatory learning. In addition to the above, the curriculum also consists of courses like Universal Human Rights, Environmental Engineering etc. to enrich the students learning and experience.

In addition, some branches have Students' Chapter of some

professional associations, e.g., ISHRAE, SAE-India Club, etc. These chapters conduct various activities throughout the year. These activities also promote all-round development of the students. Thus, through the above activities, the students develop traits such as learning on one's own, learning from others, learning to learn which are essential attributes for life-long learning.

File Description	Documents
Upload relevant supporting document	View File

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

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

901

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

955

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- **Any 3 of the above**

File Description	Documents
Upload relevant supporting document	[View File]()

1.4.2 - Feedback processes of the institution may be classified as follows

- **Feedback collected**

File Description	Documents
Upload relevant supporting document	[View File]()

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

580

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

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

193

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

2.2 - Catering to Student Diversity

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

- **Our university believes in outcome-based learning processes. The institution organizes Orientation/Induction programme for fresher's.**
- **The University assesses learning levels of students in two ways as per their responses in classroom and performance in examinations.**

1. Advanced learners and 2. Slow learners.

- **The institute arranges different special tutorial sessions to bridge the gap between slow learners and advanced learners. Slow learners are motivated to participate into group discussions, given more focus on them during teaching. Continuous feedback throughout the lecture is taken by asking questions to understand their learning ability. Personal counselling is also given to them by the tutor, mentor. Lecture notes/course materials are provided to the slow learners**
- **Advanced learners are encouraged to refer additional textbooks, journals. They are motivated to participate in various technical competitions at University and National Levels . They are having option to earn Major and Minor Specialization Engineering Degree as per the criteria specified by the University.They are also given an opportunity to be office bearers of student council , various professional bodies and lead professional activities at University Levels. They also help slow learners through peer learning. Gold Medals are awarded to the toppers in the University Convocation.**

File Description	Documents
Upload relevant supporting document	[View File](#)
Link For Additional Information	https://dbatu.ac.in/twenty-fourth-convocation-invitation/

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2232	121

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

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

The University employs a teaching strategy that places a strong emphasis on educating students first. In addition to enhancing studentsconfidence and promoting independence, this practise helps them transition from being treated as passive recipients to active participants. Methods that are Interactive: Including students in all facets of the teaching and learning process is crucial for increasing interaction and effectiveness. Care was taken to keep the studentsattention while delivering the material in an online environment by incorporating relevant, practical examples. Following each assessment test, chatbox discussions on the model solutions were held. Student Seminars: To enhance their educational experience, student papers are organised and presented in student seminars.Internship: By giving students the chance to combine their classroom learning with real-world experience, internships attempt to provide them a realistic understanding of how the industry operates. Problem-solving and project management Methodology: For the B-Tech Project (BTP), groups of three or four students are required to work together to address a specific issue. To identify a solution to a problem, students must discuss it.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The instruction was done utilising the scanned notes, which had been produced in advance as handouts or notes.However, the chat box on Digital Slate was utilised during the explanation.The pupils were given access to the URL before to class.To make learning more inclusive and live, standard links like NPTEL/SWAYM were also provided to the students for self-study. Open discussion sessions were also organised.The teaching-learning process is greatly improved by the usage of online tools like NPTEL.YouTube videos are utilised to clarify a specific subject.Experiments in virtual laboratories are utilised to carry out the practical.ICT-enabled

online materials are generally highly beneficial for improving the teaching-learning process.

File Description	Documents
Upload relevant supporting document	View File

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

2.3.3.1 - Number of mentors

121

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

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

121

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

43

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

1263

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms

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

93

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

93

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

46

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Dr. Babasaheb Ambedkar Technological University is a completely ICT enabled University and everything related to the examination system are run through ICT. The IT integrations have modernized the entire examination process and have speeded up the functioning mechanism, while making the whole process more transparent.

The university has revised the academic curriculum for all the programs to introduce following examination reforms.

- Introduction of Continuous Assessment: This reform has empowered teachers to adopt course specific assessment methods. Teachers have started adopting different assessment methods beyond written examinations. These include presentations, mini-projects, course seminars and surprise tests or online quizzes.
- Introduction of Mid Semester Examination: A comprehensive mid-semester examination is conducted based on 50% syllabus covered during the semester.
- Online Mode of examination: Most of the internal assessment is being carried out through online quizzes and presentation.
- The introduction of these reforms has resulted in better student engagement and student progression from year to year. This also resulted in reduced importance to the end semester examination and undue stress caused by the end semester examination.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Dr.Babasaheb Ambedkar Technological University, Lonere has stated all its learning outcomes/graduate attributes through its website. Each Department which offers any programme of study displays on its webpage, the programmes offered, programme objectives, programme specific objectives, the course structure, and the syllabus. The syllabus prominently displays the course objectives and course outcomes. The syllabus also provides information about scheme of instruction and evaluation.

Each programme provides the students to choose from generic courses, which are precisely offered to expand the knowledge circumference of the student and to initiate them into interdisciplinary fields. The course structure and syllabus of each programme provides scheme of instruction, and scheme of evaluation. Internal or continuous evaluation is allocated 20 marks and end semester evaluation is allocated 80 marks. Marks are converted in to grades, and the conversion table is provided in course structure.

- Weblink for the syllabi of all the programmes

https://dbatu.ac.in/academic-year-2020-2021/

- Weblink for course structure

https://dbatu.ac.in/

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The attainment of POs, PSOs, and COs are evaluated through continuous evaluation and End Semester Examination. There are two continuous evaluations namely CA1 and CA2 of each 10 marks. One mid-term examination of 20 marks. There is an end semester examination of 60 marks to assess the overall understanding of the subject. This examination is done in an online mode. The student is graded using the performance in CA1, CA2, Midterm Examination, and End Semester Examination.

- Setting the QP as per the predefined CO PO and BLOOM's Taxonomy
- Awarded marks were analyses to calculate the percentage attainment

- Number was predefined of the average percentage of Cos
- Accordingly CO PO mapping table was prepared and finally attainment was calculated.

To attain the subject specific POs, PSOs, and COs, many practical oriented questions are asked during teaching, given assignments and online quizzes etc.

https://dbatu.ac.in/wp-content/uploads/2022/12/co-po.pdf

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.3 - Number of students passed during the year

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

660

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 web link)

https://dbatu.ac.in/wp-content/uploads/2022/12/satisfaction-survey.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research promotion policy of university aims to sustain excellence an leadership in Research and Innovation. Faculty, students and grooming researchers need to be encouraged to break new ground in research and achieve first of a kind impact in technological applications / designs / formulation of new public policies / institutional capabilities. Students will be encouraged to learn about the world through hands on practical problem-solving projects

in collaboration with fellow student in other department and with our faculty as supervisors / mentors. Faculty and students shall be encouraged to involve in interdisciplinary / multi-disciplinary / translational research in finding scientific and technological solutions to ground challenges.University desires to build strong and robust research and innovation ecosystem through objectives as under 1) To nurture an environment of undertaking socially useful / or industry needed research with potential for commercialization. 2) To establish Research centers within University with potential for excellence. 3) To forge interdisciplinary collaborations and partnerships nationally and globally. 4) To motivate faculty members for publication of quality research work with ethics and integrity.

In academicYear 2021-2022 two research equipments are purchesed by the university.

1.EEG machine for recording the brain activities of the students.

2. UV Spectrophotometer(Double beam)

File Description	Documents
Upload relevant supporting document	[View File](#)

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

100

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

2

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

D. Any 1 of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

3

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

4/45

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The DBATU FORUM OF INNOVATION INCUBATION AND ENTERPRISE Incorporated as Section 8 company on 4th November 2019 the Corporate Identity Number of the company is (CIN No- U85300MH2019NPL332513). It will provide an ecosystem to enterprising students and immediate alumni of the University, its affiliated colleges and other emerging technology based businesses that would support their start-up phase and increase their likelihood of success. It will provide working space, flexible lease, common office and laboratory facilities, business guidance, mentoring, and other technical resources in network mode at the Main Centre of the University. The Incubation Centre is able to host approximately six to ten clients at a time in a proposed 5,000 square feet facility that would include a mix of office and lab space & necessary infrastructure for prototype building & legal support. The facility is owned by the University and State of Maharashtra. The grant of Rs. 5 Cr is sanctioned by GoM for the duration of 5 Years, out of which the first tranche/installment of Rs. 25 Lakh is received by the company. Second installment of Rs. 50 lakh against sanctioned amount will be released soon. The presence of Centre on the University campus, as Startup Ecosystem is motivating the young engineers to become job provider rather than job seeker. This culture of creation of entrepreneurs is being propagated to colleges affiliated to the University.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

33

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

33

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

7

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

B. Any 3 of the above

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check

4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	[View File](#)

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

E. None of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

3

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

14

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

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

64

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

C. Any 3 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Scopus	Web of Science
33	13

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

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

Scopus	Web of Science
6	10

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

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Consultancy is well recognized as an effective way for universities to disseminate knowledge and make an early and direct impact on society. However, the balance between consultancy and the traditional roles of the academic staff needs to be managed and the interests of the University must be protected. This Policy provides provisions for conducting consultancy to ensure that consultancies undertaken by staff are consistent with the University's strategic and operational objectives and the costs are sustainable. All Research and Non-research consultancies as described in this Policy are governed by the following guiding principles:(a) There should be a demonstrable benefit to the University from the consultancy through income, enhanced reputation, and/or expansion the expertise of the staff member. (b) The Consultancy must not be in conflict with University policies including that governing employment; such as the Code of Conduct Policy. (c) The Consultancy must not be in conflict with the functions, objectives or interests of the University or damage the University's reputation. (d) At a minimum, the salary and on-cost charges set by the University must be applied to all project budgets. All Consultancies are required to include overhead

File Description	Documents
Upload relevant supporting document	[View File](#)

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

10.23

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The University has made noteworthy contribution to the society and environment through the active participation of NSS volunteers in the activities organized at neighborhood villages. Major Emphasis was given on the holistic development of students. Villages were facing issues of uncleanliness, unhygienic and important issue of open defecation. Lack of awareness is noted among the villagers on issues such as health, education, government schemes, etc. The techno-social survey was carried out in the nearby villages. The university organized a cleanliness drive, tree plantation, polio dose campaign, shramadan program, self-defense program for girls, yoga training, a water conservation program and awareness drives in the nearby villages on social issues such as gender equality, save girl child, drug addiction, eradicating superstitions, farmers suicides, etc.

Similarly, NCC UNIT, one of the courageous parts of Dr. BabasahebAmbedkar Technological University, performed many social and cultural activities throughout the year. Presently the cadets of thisunit are performing best in all of the events they are a part of.

File Description	Documents
Upload relevant supporting document	View File

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

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

2

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

26

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1340

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

4

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

5

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The University's physical infrastructure is vital in imparting quality education. The University has developed a mechanism that prepares plans for enhancing its physical infrastructure based on its requirements. Construction of new hostels, apex buildings for central assessment and buildings for new programmes has been the priority.

There are 21 classrooms (with adequate ICT facilities like LAN, Projector Screen), 5seminar halls and 49 well equipped laboratories.

University has an excellent centralised Library. In addition, University Departments have their own libraries consisting of reference and text books, periodicals and other resources.

The University has upgraded the Incubation Center which is well equipped with the necessary facilities. The University departments also have well-structured laboratories, which are effectively used to provide exposure to the latest technology. Majority of the departments have seminar halls that are used for guest/memorial lectures by eminent scholars in the respective fields. The University has Conference Hall which is used for conferences and workshops. The University has a provision of additional funds which are made available on requirements received from different departments for the up-gradation and maintenance of teaching and learning facilities. Moreover, the University has Digital Studio for recording audio/video lectures.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Overall development of students and staff has been among the priorities of the Dr. Babasaheb Ambedkar Technological University. The university has paid special attention to make excellent and extensive sports facilities and a comprehensive infrastructure for holding sports/cultural events and other co-curricular activities. These initiatives have enhanced the students' as well as staff's achievements in various sports activities. Students' activities are promoted through the Sport Department and Cultural Committee. Besides, the NSS and NCC also consistently striving to optimally utilise the facilities by initiating various activities for students and the staff. This is reflected also in the increasing active participation in sports activities by a number of students and staff. Noteworthy indoor and ground sports facilities at the university campuses include:

1. Volleyball Court

2. Basketball Court

3. Badminton Court

4. Cricket Ground

5. Athletic Ground

6. Football Ground

7. Table Tennis

8. Multipurpose Indoor game facility

9. Cricket Ground

Cultural Activities

The Cultural Committee plays a very active role in promoting cultural activities within the university institutions. Cultural

activities were not conducted due to the Pandemic situation of COVID -19 for A. Y. 2021-2022 also.

Several well-known artists have performed in the university auditorium. The Cultural Committee has been proactive in organising events such as Avishkar.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.3 - Availability of general campus facilities and overall ambience

Dr. Babasaheb Ambedkar Technological University, Lonere has campus area of nearly 467 Acres. The campus has different facilities for the students, teachers and supporting staff.

Hostels for students:- Currently three hostels for girls are under construction. One of the units is completed which has the capacity of 160 students. But due to recent Covid-19 situation, the University has handed over this building to health department of Government of Maharashtra.

Hostel Name Built-up area (Sq.m) Capacity

Gagangiri (Boys) 6057.00 480

Sahyagiri (Boys) 4852.00 360

Dhavalgiri (Girls) 4500.00 210

Malaygiri (Girls) 4500.00 206

Staff quarters:-

Quarters Name Built-up area (Sq.m) No. of Flats

Professor Quarters (Krishan, Kaveri, Vaingang, Panchganga) 3900.00 32

Administrative Staff Quarters (Indrayani, Godavari, Savitri) 2970.00 24

Class-III Staff Quarters (Gomati, Sabaramati, Saraswati) 2230.00 36

Class -IV Staff quarters (Chandrabhaga) 660.00 16

Guest House:- University has guest house named as 'Anandvan'. It can accommodate upto 44 persons. Its built up area is 1580 sq. m. Resident facilities for vice Chancellor, Registrar, Dean:- Name of the Residence Built-up area (Sq.m) Vice Chancellor Bungalow 660.00.

Registrar Bunglow Dean Bunglow Sport Facilities:- University has basketball grounds, Cricket ground, badminton court, table tennis courts, etc.

File Description	Documents
Upload relevant supporting document	[View File]()

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

610.79

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Automation of Library Service: Library is partially automated with the help of LIBMAN software developed by Masters Computer. All the work related to issues and returns has been computerized. Most of the books are barcode automation partially done. All the issue and return transactions of the Library and Book Bank are completely computerized.

Web Opac on Local LAN: Library has its own OPAC which can be operated within the campus premises by clicking on http://dbatulibrary/webopac or http://172.16.5.238/opac. Besides listing all the books available in the library, it allows the facility like self-renewal, reservation, Fine calculations, the status of particular Books, and particular students. It is searchable by Author, Title, Acc. No. and several other fields.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

4.41

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

41

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

26

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

06-01-2023 10:51:20

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

To meet the requirements of 'Dr. Babasaheb Ambedkar Technological University IT Usage Policy' the Cyberoam - CR300i unified threat management appliance is used. User connectivity, infrastructure security, and governance are maintained by the Cyberoam CR 300i's features like Stateful Inspection Firewall, Gateway Antivirus, and Spyware, Gateway Anti-Spam, Intrusion Prevention System, Web-Filtering, Bandwidth Management, Multiple Link Management, and Comprehensive Reporting.

University Network Infrastructure has 2 Gateways

1) NKN/BSNL Gateway (1 Gbps)

2) Railtel Gateway (10 Mbps)

Name

IP Address

Interface

Type

Activate on Failure of

Weight

NKN

14.139.120.1

PortF - 14.139.120.2/255.255.255.240

Active

N/A

1

Railtel

203.153.39.169

PortB - 203.153.39.173/255.255.255.248

Backup

NKN gateway

NA

Whenever a user connects a device to the University Network Infrastructure he/she is assigned an IP address from the pool and then to access the Internet the login ID and Password are asked for authentication by Cyberoam Server. All further communication is governed by Cyberoam Server using various policies as follows:

1) User Account Distribution and Usage QoS Policy

2) Web-Filter Policy

3) Application Filter Policy

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
2232	406

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

C. Any 2 of the above

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

132.83

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1. Following process is carried out for physical maintenance. This tender process is mainly divided into two parts,

1. Offline / A1- Tenders

These tenders are useful for carrying out minor maintenance works costing up to Rs.8lakhs.It is advertised on the university website.

1. Online / E- Tenders

These tenders are useful for major maintenance/ new works (up to 25 Lakhs) costing more than 10 lakhs. They are given wide publicity in local and state-level newspapers.

1. E-tenders

These tenders are useful for major maintenance work/new major work costing up to Rs. 25 Lakhs. They are given wide publicity at local daily and state daily.

In addition to these two, work costing more than Rs. 25 lakhs is carried out with the help of PWD.

1. **LABORATORY: Departments regularly maintain the laboratory equipment by checking the working status of instruments. Maintenance is carried out by the laboratory assistants. Lab Technicians are maintaining dead stock, consumables, semi-consumable materials, and a log book.**
2. **ACADEMIC AND SUPPORT FACILITIES: Department organizes workshops, guest lectures, and seminars for the development of students. The departmental project and seminar coordinators are maintaining all projects and seminar records. The Department office maintains all academic documents such as master, individual teachers, classroom, and laboratory timetables, monthly reviews of the number of lectures and practicals conducted by teachers, a copy of the Unit test examination timetable, andstudentfeedback reports.**

File Description	Documents
Upload relevant supporting document	[View File](#)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

1655

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

443

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation 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

- **All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

5.2 - Student Progression

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

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

14

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.2.2 - Total number of placement of outgoing students during the year

108

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

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

00

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Students have representation on academic and administrative bodies and committees of the University. University also constituted various Clubs and Board of Students Development and extensional activities.

1. **Class Committees: All programmes have class committees for each course that comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department, other than the course teacher. The Class Committees provide feedback on**

    all aspects of the programme and respective course. Class Committee Meetings are held regularly, at least twice in each semester.

2. Cultural and Sports Committees: Students have strong representations in all cultural and sports and games committees. However, activities were hampered by Covid-19 Pandemic.

3. Organization of Special Events: Students online organized, and celebrated the National Teachers Day, on Sept. 5, and other National celebrations that include, Independence Day, Republic Day, Engineers Day, Induction Program, Skill Development Program, National yoga Day

However due to Covid-19 pandemic students welfare activities could not organised.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

31

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

The Dr BATU Alumni Association (DBAA) was inaugurated on 26th Jan 2021 and formally completed registration with the Charity Commissioner Alibag on 3rd June 2021(DBATU/REG/Recognition DBAA/2020-21 date 08/01/2021). Over the past year, the DBAA initiated several activities for faculty, current students and alumni. Student activities included provision of internships (around 200), placement assistance (around 20), webinars (around 23 - both subject specific and related to career development) which have helped to establish a strong engagement with students. To further help with internships, DBAA also facilitated a MoU between DBATU and

Internshala. For faculty, DBAA is contributing through Alumni Advisors to Departments (to advice on curriculum development, lab development and jobs). For alumni, student and staff members of the DBAA, a website was launched on 23rd Oct 2021 – which acts as the central hub for all alumni activities. Most recently, DBAA is actively pursuing establishment of a Raspberry Pi Lab at DBATU. DBAA has also initiated infrastructure contributions via engagement through tenders for solar grid proposed at DBATU and contributing to discussions concerning Fibre Optic line for enhanced connectivity. DBAA is now working towards establishment of scholarships, support for student digital connectivity and strengthening entrepreneurship activities at DBATU.

- website: www.alumni.dbatu.ac.in

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Vision: The University is committed to becoming a leading "Center of Excellence" in the field of Engineering, Technology, and Science as a seat of learning with a national character and international outlook.

Mission: The University is committed to providing quality technical education, research, and development services to meet the needs of industry, business, the service sector, and society.

The Faculty, Students, and Staff are committed to the mission of the University of providing quality technical education and becoming a 'Centre of Excellence' in Education.The University has adopted several new initiatives and practices through ingenious leadership

and effective governance.

The University has prepared an elaborate 'Strategic Plan' which gives a detailed roadmap for the long-term development and growth of the University as envisaged in the University Act.

The University believes in 'good governance.' Given this, the University has made several reforms gradually in its governance practices. The University has well-structured governing mechanisms as provided in the University Act No. XXIX of 2014. The governance and administration of the University are carried out through various committees such as Executive Council, Academic Council, etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

The institution promotes a culture of participative management at the strategic level, functional level, and operational levels. At a strategic level, the Governing body, Teachers, and the IQAC are involved in defining policy procedures, framing guidelines and rules and regulations pertaining to admission, examination, code of conduct-discipline, grievance, support services, finance, etc. At the functional level, faculty members share knowledge among themselves, students, and staff members while working for a committee. Faculty members are involved in joint research and have published papers.

Students and department staff join hands with the HoDs and faculty for the execution of different academic, administrative, extension-related, co-curricular, and extracurricular activities. A startup, innovation, and incubation center will be good examples of participative Management.

Similarly, the placement process in the University is driven by the participation of members from the Career Development Center (CDC), the Faculty, and the Student Committee on placements.

Moreover, Faculty members of various departments have been given additional responsibilities related to various aspects of the university, like Student section, Admission, Examination, Research and development, centralized procurement(CPC), IQAC, Alumni association, and Board of studies.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

Dr. Babasaheb Ambedkar Technological University, with its headquarters at Lonere, is now a State Technical University established by the Government of Maharashtra through the Dr. Babasaheb Ambedkar Technological University Act. The university has been accorded the status of an 'affiliating' university of the entire State of Maharashtra from March 2, 2016, by the Maharashtra Act No. XXIX of 2014. The Strategic Plan document collates and confers the goals, strategies, and performance indicators of the center, every department, and affiliating institutes. This information is converted into operating details for each functional division in terms of priorities, alignment of resources, implementation plan, reporting system, and measurement of progress. The strategic plan has been prepared after consultation with various committee members and authorities and considering the feedback from alums and industry persons. Thus, it reflects the expectations and roadmap for scaling new heights of excellence. The strategic plan is effectively deployed in various sectors. One example of a successfully implemented activity based on a strategic plan is the formation of a start-up, innovation, and incubation center to encourage and support the establishment and growth of technology-based start-ups, which can enable students and faculty to innovate and prototype their potential ideas with industrial standards and support from Government, industry and reputed academic institutions around the world.

File Description	Documents
Upload relevant supporting document	View File

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

The University shall have a decentralized administrative structure of the Main center, four Regional Centers at Mumbai, Pune, Aurangabad, and Nagpur, along with five sub-regional centers at Amaravati, Jalgaon, Kolhapur, Nanded, and Solapur. Other Centers may be added over time as needed. The Main Centre shall have four Directors-Academics, Administration, ICT, and Research and

Development supported by Joint Directors, Registrar, Deans, and Chief Finance Officer in respective areas. The Centres shall look after the functions such as Examination, Research & Development, Industry Relations, Training, Student Grievances, etc. The University and Centres shall work through the eGovernance system and MIS with robust State-of the-Art ICT infrastructure. Apart from the Director's office, Dean's Office, and Registrar's office, there is an Executive Council, Academic Council, Board of Examination, Board of Studies, and IQAC, which decide the policies, procedures, and rules in the respective areas in line with the National education policies, government regulations, existing priorities, and local needs. Regular feedback from the alums, students, parents, and faculty, along with suggestions from the NAAC peer team, form the major inputs for the planning. These inputs are discussed and analyzed by the Executive and Academic Council, IQAC, and CDC. The finance department, Planning and Procurement Section, Heads of Departments, Committee/Cell in-charges, and office staff monitor and work together to implement these policies effectively. The organizational structure of the University facilitates its smooth functioning.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering A. All of the above following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Teaching faculty is assessed through the Self Appraisal Report submitted at the end of every academic cycle. The objective of the SAR is to highlight faculty members' role and performance for the past year and also summarizes the faculty's expectations for future development. The reporting authority reviews the nature & quality of work faculty performed annually based on the parameters such as knowledge, analytical ability, the initiative taken, ability to inspire and motivate, supervise, interpersonal relations, and teamwork. Student Feedback is also considered for faculty evaluation in the confidential report. The CR plays the most important role along with the training and publication of faculty for promotion under CAS. The IQAC also reviews Administrative and Academic progress to review the performance of all the departments and office administration. The university has well-defined welfare measures for teaching and non-teaching staff, such as,

1. Casual or Earned Leave readily sanctioned to the staff for personal work, medical reasons, attending Refresher Courses/Orientation Programs/seminars, etc., maternity leave for female staff
2. Summer and winter Vacation
3. Financial support for teaching faculties to attend conferences, workshops, etc., Festival advance to non-teaching staff
4. Wi-Fi/Internet, canteen, washrooms, CCTV & security staff
5. A well-organized cooperative credit society for staff
6. Health care center
7. Women's grievance committee

File Description	Documents
Upload relevant supporting document	[View File](#)

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

34

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

58

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total 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)

45

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

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

The University ensures optimum utilization of funds through various measures such as organizing academic activities for faculty and staff members, controlling administrative expenses, and sharing common facilities among the Departments and Centers. Faculty members are encouraged to apply for projects from Government agencies to conduct their research on campus. As per the strategy of the University, the activities that need recurring funds and the others that require immediate funding are identified and grouped separately. Innovative strategies are employed for identifying and mobilizing funds. Also, faculty members are encouraged to apply for funded research, projects, and consultancies. Resources are mobilized by encouraging joint programs, research, faculty development programs, etc., between university departments and the affiliated institutions.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

900

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

Internal Audit:Internal Audits are conducted once a year. The internal audit committee of the University, with an external auditor, is involved in conducting an internal audit in which the vouching of the bills and random checking of the bill is done. Ms. P. V. Page & co. was the CA for this year. Internal audit is required to monitor and upgrade the accounting process continuously. The Audit report for years 20-21 is attached in criteria 6.4.3 as the supporting document.

External audit:External Audit is conducted once a year. Ms. Kirtane and Pandit LLP, a renowned firm in Mumbai, is the Chartered accountant for Dr. Babasaheb Ambedkar Technological University, Lonere. The external audit starts in the month of November and ends in December.

File Description	Documents
Upload relevant supporting document	View File

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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

Every academic year IQAC visits the department for an internal audit and discusses quality assurance strategies and best practices for

the department. Every year, the first-year student's induction program is conducted under the quality assurance strategy in which the information regarding departments, laboratories, examination system, university library, other departments, etc., along with universal human values. Due to covid 19 pandemic, the induction program has been conducted online for the last two years.

Many online workshops and FDP were conducted to improve the quality of the teaching-learning process, structure & methodology of operation, and learning outcomes, such as 'Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship, 'Session on Accelerators/Incubation - Opportunities for the Students & Faculties - Early Stage Entrepreneurs,' 'Orientation Session on National Innovation and Startup Policy (NISP)' etc.

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA) A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting documnent	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

The following quality enhancement initiatives in the academic and administrative domains have been taken.

1. The incubation, innovation, and startup cell have been activated and functionalized.

2. **It is made mandatory to offer at least one online course in Every Semester commencing from Academic Year 2021-22.**

3. **To cope with the COVID-19 pandemic, infrastructure has been developed to promote online teaching and learning processes.**

4. **Only Winter Semesterexaminations during AcademicYear 2021 - 2022 were conducted on proctored objective-based online examination systems.**

File Description	Documents
Upload relevant supporting document	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

"I measure the progress of a community with the degree of progress women have achieved." Dr. B. R. Ambedkar

1. Savitribai Phule Jayanti was celebrated on January 3rd, 2022, to educate students about the contribution of Savitribai Phule to women's education. It is the annual commemoration of the birth anniversary of the Indian social reformer who played a crucial role in shaping India's education system, with a special focus on educating the girl children.

2. International Women's Day (IWD) is a global day celebrated on March 8th to commemorate women's cultural, political, and socio-economic achievements.

3. Tech Saksham is a program that aims to equip women with technical skills and encourage them towards technology careers. The program focused on women because India has one of the youngest workforces in the world but with a large skill gap in the jobs of the future and an even higher gender disparity in careers. Partners of the Program were Microsoft, SAP, Edunet Foundation.

4. Women's grievance redressal cell is meant to safeguard and promote well-being of all women employees of the organization. It takes care of all complaints on harassment of women at the workplace. The cell is responsible for looking into any complaints

filed by female students & staff at the university campus

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	Available
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	a. Security facility available at hostels and main campus b) Common room available

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment   **B. Any 3 of the above**

File Description	Documents
Upload relevant supporting document	View File

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

Liquid waste management - The University is spread over large area. University building has its unique rain water drainage system. The University had maintained drainage system for the management of liquid waste.

Solid waste management - The University collects solid waste on daily basis for segregation of solid waste in the University campus and dispose it at the central place away from the main building.

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available   **B. Any 3 of the above**

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

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.5 - Green campus initiatives include

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

    B. Any 3 of the above

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

File Description	Documents
Upload relevant supporting document	[View File](#)

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

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

    C. Any 2 of the above

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

File Description	Documents
Upload relevant supporting document	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1. National Integration Day It comes as a celebration of India's cultural diversity and signifies the feeling of having one identity. The oath-taking ceremony was performed at the University Entrance

2. National Constitution Day in a bid to remember the adoption of the Constitution of independent India, 26 November is celebrated as the Constitution Day of India. The day was celebrated to raise awareness about the Indian Constitution. The efforts of Dr. Babasaheb Ambedkar, as the Chief Architect of Indian Constitution were remembered on this day.

3. NCC Day Celebration: Due to the Covid-19 Pandemic, NCC Day 2021 was celebrated online. Cadets successfully arranged programs, and cadets delivered speeches on various topics explaining the History and other topics related to NCC.

4. National Youth Day:The Department of Youth Affairs organized the 25th National Youth Festival on the 12th & 13th of January 2022 through virtual mode. The Hon'ble Prime Minister inaugurated the festival on 12 January 2022 at 10:30 AM through virtual mode.

5. International Anti-Terrorism Daywascelebrated on 21 May 2022 to spread awareness about the violence caused by terrorists.

6. Addiction Free India Programme: Students of class VIII & IX of S.S. Nikam English school, Lonere, presented a street play ("Nukkad

Natak") on the topic "Addiction free India." This program was held on 30 September 2022 at Dr. Babasaheb Ambedkar Technological University, Lonere, and DBATU NCC UNIT played an important role in that program. The cadets managed the whole program and acted as a Discipline Committee

File Description	Documents
Upload relevant supporting document	View File

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

"So long as you do not achieve social liberty, whatever freedom is provided by the law is of no avail to you." Dr. B. R. Ambedkar

The University is conducting many programs to sensitize students about the constitution obligations. The University has course on Constitution of India.

1. Celebration of Constitution Day and Erection of Dr. Ambedkar Statue As part of sensitizing students and employees of the University, University started celebration "Constitution Day" was celebrated on 26th November, 2021. Inauguration of Dr. Ambedkar statue was done at the hands of HTE Minister of Maharashtra.

2. 18 Hours Study Program To pay salute to the great student like Dr. Ambedkar, who used to study for 21 hours in his life, we celebratedthe 18-hour study program, so that students can read the constitution and understand its importance. The program was held on 11th April, 2022.

3. Speech on Dr. Babasaheb Ambedkar on 14th April A speech of eminent person is organized every year on the occasion of birth anniversary of Dr. Babasaheb Ambedkar. On 14th April 2022, Hon. Dada Idatedelivered speech on this occasion.

4. Exhibition of Constitutional Values for 10 Days Every year during the celebration of Dr. Ambedkar Jayanti, an exhibition on life and works of Dr. Babasaheb Ambedkar is arranged at the main entrance of the University. This exhibition exhibited the main articles of the Indian Constitution in order to make students and staff aware of the Constitutional values, rights, duties and other important provisions.

7.1.9-Human-Values-Professional-Ethics.pdf (dbatu.ac.in)

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 Annual awareness programmes on Code of Conduct are organized

Any 1 of the above

File Description	Documents
Upload relevant supporting document	[View File]()

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

"A great man is different from an eminent one in that he is ready to be the servant of the society." Dr. B. R.Ambedkar

Dr. Babasaheb Ambedkar Technological University celebrates the birth anniversary, important commemorative days, events throughout a year. The main attraction is celebration of Chatrapati Shivaji Maharaj Jayanti on 19th February and Dr. Ambedkar jayanti on 14th April. During Shivaji Maharaj Jayanti a jyot is brought from Raigad fort and various cultural programs along with speech on life of Shivaji Maharaj is organised. Dr. Ambedkar Jayanti is celebrated in which, essay competition, singing competition, exhibition on life and works of Dr. Ambedkar and 18-hours study program is arranged. An eminent person is called to deliver speech on Dr. Ambedkar. The birth anniversaries of various social and national leaders is also celebrated.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The University follows a systematic process in designing and developing the curriculum. The approving authorities for the University are Board of Studies (BoS), Academic Council (AC) and Executive Council (EC). The programmes are structured to provide a solid basis in Engineering and Technology, Humanities, and Sciences. The courses are designed to improve human dignity, skills, employability and competency building, creativity/innovation and open thinking, cultural diversity, gender equality, respect for nature and environmental consciousness, democratic, participatory and ethical approach and team building through improved interpersonal communication. Several new courses are in place based on the feedback of students, alumni, employers and experts from academia and industry. The latest courses on AI, Machine Learning, Data Science and IoT are offered by Departments of Computer Engineering, Information Technology and Electronics and Telecommunication Engineering. The Department of Mechanical Engineering has designed a course on Fundamentals of Automobile Design with the help of Tata Technologies, Pune to improve the employability. The CBCS and OBE with good number of electives as well as POs/PSOs/COs designed for all programs and are published on the web site as well as placed in the respective department and the awareness has been created among the students.

File Description	Documents
Upload relevant supporting document	[View File]()

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

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

84

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

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

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The University is fully aware of the fact that for holistic development of students, it is necessary to give enough attention to extra- and co-curricular activities along with sound curriculum. Courses such as self-study seminar, technical project on community services (group project) and final year project (group project), industrial training and internship and industrial visits promote self- and participatory learning. In addition, assignment, quizzes, course seminars also promote self- and participatory learning. In addition to the above, the curriculum also consists of courses like Universal Human Rights, Environmental Engineering etc. to enrich the students learning and experience.

In addition, some branches have Students' Chapter of some professional associations, e.g., ISHRAE, SAE-India Club, etc. These chapters conduct various activities throughout the year. These activities also promote all-round development of the students. Thus, through the above activities, the students develop traits such as learning on one's own, learning from others, learning to learn which are essential attributes for life-long learning.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

18

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

901

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

955

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni	• **Any 3 of the above**

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows	• **Feedback collected**

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

580

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

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

193

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

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

- **Our university believes in outcome-based learning processes. The institution organizes Orientation/Induction programme for fresher's.**
- **The University assesses learning levels of students in two ways as per their responses in classroom and performance in examinations.**

1. Advanced learners and 2. Slow learners.

- **The institute arranges different special tutorial sessions to bridge the gap between slow learners and advanced learners. Slow learners are motivated to participate into group discussions, given more focus on them during teaching. Continuous feedback throughout the lecture is taken by asking questions to understand their learning ability. Personal counselling is also given to them by the tutor, mentor. Lecture notes/course materials are provided to the slow learners**
- **Advanced learners are encouraged to refer additional textbooks, journals. They are motivated to participate in various technical competitions at University and National Levels . They are having option to earn Major and Minor**

Specialization Engineering Degree as per the criteria specified by the University.They are also given an opportunity to be office bearers of student council , various professional bodies and lead professional activities at University Levels. They also help slow learners through peer learning. Gold Medals are awarded to the toppers in the University Convocation.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://dbatu.ac.in/twenty-fourth-convocation-invitation/

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2232	**121**

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

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

The University employs a teaching strategy that places a strong emphasis on educating students first. In addition to enhancing studentsconfidence and promoting independence, this practise helps them transition from being treated as passive recipients to active participants. Methods that are Interactive: Including students in all facets of the teaching and learning process is crucial for increasing interaction and effectiveness. Care was taken to keep the studentsattention while delivering the material in an online environment by incorporating relevant, practical examples. Following each assessment test, chatbox discussions on the model solutions were held. Student Seminars: To enhance their educational experience, student papers are organised and presented in student seminars.Internship: By giving students the chance to combine their classroom learning with real-world experience, internships attempt to provide them a realistic

understanding of how the industry operates. Problem-solving and project management Methodology: For the B-Tech Project (BTP), groups of three or four students are required to work together to address a specific issue. To identify a solution to a problem, students must discuss it.

File Description	Documents
Upload relevant supporting document	[View File](#)

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The instruction was done utilising the scanned notes, which had been produced in advance as handouts or notes.However, the chat box on Digital Slate was utilised during the explanation.The pupils were given access to the URL before to class.To make learning more inclusive and live, standard links like NPTEL/SWAYM were also provided to the students for self-study. Open discussion sessions were also organised.The teaching-learning process is greatly improved by the usage of online tools like NPTEL.YouTube videos are utilised to clarify a specific subject.Experiments in virtual laboratories are utilised to carry out the practical.ICT-enabled online materials are generally highly beneficial for improving the teaching-learning process.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

2.3.3.1 - Number of mentors

121

File Description	Documents
Upload relevant supporting document	[View File](#)

2.4 - Teacher Profile and Quality

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

121

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

43

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

1263

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms

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

93

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

93

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

46

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Dr. Babasaheb Ambedkar Technological University is a completely ICT enabled University and everything related to the examination system are run through ICT. The IT integrations have modernized the entire examination process and have speeded up the functioning mechanism, while making the whole process more transparent.

The university has revised the academic curriculum for all the programs to introduce following examination reforms.

- Introduction of Continuous Assessment: This reform has empowered teachers to adopt course specific assessment methods. Teachers have started adopting different assessment methods beyond written examinations. These include presentations, mini-projects, course seminars and surprise tests or online quizzes.
- Introduction of Mid Semester Examination: A comprehensive mid-semester examination is conducted based on 50% syllabus covered during the semester.
- Online Mode of examination: Most of the internal assessment is being carried out through online quizzes and presentation.

- **The introduction of these reforms has resulted in better student engagement and student progression from year to year. This also resulted in reduced importance to the end semester examination and undue stress caused by the end semester examination.**

File Description	Documents
Upload relevant supporting document	[View File]()

2.5.4 - Status of automation of Examination division along with approved Examination Manual	**A. 100% automation of entire division & implementation of Examination Management System (EMS)**

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Dr.Babasaheb Ambedkar Technological University, Lonere has stated all its learning outcomes/graduate attributes through its website. Each Department which offers any programme of study displays on its webpage, the programmes offered, programme objectives, programme specific objectives, the course structure, and the syllabus. The syllabus prominently displays the course objectives and course outcomes. The syllabus also provides information about scheme of instruction and evaluation.

Each programme provides the students to choose from generic courses, which are precisely offered to expand the knowledge circumference of the student and to initiate them into interdisciplinary fields. The course structure and syllabus of each programme provides scheme of instruction, and scheme of evaluation. Internal or continuous evaluation is allocated 20 marks and end semester evaluation is allocated 80 marks. Marks are converted in to grades, and the conversion table is provided in course structure.

- **Weblink for the syllabi of all the programmes**

https://dbatu.ac.in/academic-year-2020-2021/

- **Weblink for course structure**

https://dbatu.ac.in/

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The attainment of POs, PSOs, and COs are evaluated through continuous evaluation and End Semester Examination. There are two continuous evaluations namely CA1 and CA2 of each 10 marks. One mid-term examination of 20 marks. There is an end semester examination of 60 marks to assess the overall understanding of the subject. This examination is done in an online mode. The student is graded using the performance in CA1, CA2, Midterm Examination, and End Semester Examination.

- **Setting the QP as per the predefined CO PO and BLOOM's Taxonomy**
- **Awarded marks were analyses to calculate the percentage attainment**
- **Number was predefined of the average percentage of Cos**
- **Accordingly CO PO mapping table was prepared and finally attainment was calculated.**

To attain the subject specific POs, PSOs, and COs, many practical oriented questions are asked during teaching, given assignments and online quizzes etc.

https://dbatu.ac.in/wp-content/uploads/2022/12/co-po.pdf

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.3 - Number of students passed during the year

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

660

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 web link)

https://dbatu.ac.in/wp-content/uploads/2022/12/satisfaction-survey.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research promotion policy of university aims to sustain excellence an leadership in Research and Innovation. Faculty, students and grooming researchers need to be encouraged to break new ground in research and achieve first of a kind impact in technological applications / designs / formulation of new public policies / institutional capabilities. Students will be encouraged to learn about the world through hands on practical problem-solving projects in collaboration with fellow student in other department and with our faculty as supervisors / mentors. Faculty and students shall be encouraged to involve in interdisciplinary / multi-disciplinary / translational research in finding scientific and technological solutions to ground challenges.University desires to build strong and robust research and innovation ecosystem through objectives as under 1) To nurture an environment of undertaking socially useful / or industry needed research with potential for commercialization. 2) To establish Research centers within University with potential for excellence. 3) To forge interdisciplinary collaborations and partnerships nationally and globally. 4) To motivate faculty members for publication of quality research work with ethics and integrity.

In academicYear 2021-2022 two research equipments are purchesed by the university.

1.EEG machine for recording the brain activities of the students.

2. UV Spectrophotometer(Double beam)

File Description	Documents
Upload relevant supporting document	[View File](#)

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

100

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

2

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

7

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery	**D. Any 1 of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

1

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

3

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

4/45

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The DBATU FORUM OF INNOVATION INCUBATION AND ENTERPRISE Incorporated as Section 8 company on 4th November 2019 the Corporate Identity Number of the company is (CIN No-U85300MH2019NPL332513). It will provide an ecosystem to enterprising students and immediate alumni of the University, its affiliated colleges and other emerging technology based businesses that would support their start-up phase and increase their likelihood of success. It will provide working space, flexible lease, common office and laboratory facilities, business guidance, mentoring, and other technical resources in network mode at the Main Centre of the University. The Incubation Centre is able to host approximately six to ten clients at a time in a proposed 5,000 square feet facility that would include a mix of office and lab space & necessary infrastructure for prototype building & legal support. The facility is owned by the University and State of Maharashtra. The grant of Rs. 5 Cr is sanctioned by GoM for the duration of 5 Years, out of which the first tranche/installment of Rs. 25 Lakh is received by the company. Second installment of Rs. 50 lakh against sanctioned amount will be released soon. The presence of Centre on the University campus, as Startup Ecosystem is motivating the young engineers to become job provider rather than job seeker. This culture of creation of entrepreneurs is being propagated to colleges affiliated to the University.

File Description	Documents
Upload relevant supporting document	View File

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

33

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the

year

33

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

7

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following 1. Inclusion of research ethics in the research methodology course work 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc) 3. Plagiarism check 4. Research Advisory Committee	B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a	E. None of the above

University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

3

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

14

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

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

64

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	**C. Any 3 of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Scopus	Web of Science
33	**13**

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

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

Scopus	Web of Science
6	**10**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Consultancy is well recognized as an effective way for universities to disseminate knowledge and make an early and direct impact on society. However, the balance between consultancy and the traditional roles of the academic staff needs to be managed and the interests of the University must be protected. This Policy provides provisions for conducting consultancy to ensure that consultancies undertaken by staff are consistent with the University's strategic and operational objectives and the costs are sustainable. All Research and Non-research consultancies as described in this Policy are governed by the following guiding principles:(a) There should be a demonstrable benefit to the University from the consultancy through income, enhanced reputation, and/or expansion the expertise of the staff member. (b) The Consultancy must not be in conflict with University policies including that governing employment; such as the Code of Conduct Policy. (c) The Consultancy must not be in conflict with the functions, objectives or interests of the University or damage the University's reputation. (d) At a minimum, the salary and on-cost charges set by the University must be applied to all project budgets. All Consultancies are required to include overhead

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

10.23

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The University has made noteworthy contribution to the society and environment through the active participation of NSS volunteers in the activities organized at neighborhood villages. Major Emphasis was given on the holistic development of students. Villages were facing issues of uncleanliness, unhygienic and important issue of open defecation. Lack of awareness is noted among the villagers on issues such as health, education, government schemes, etc. The techno-social survey was carried out in the nearby villages. The university organized a cleanliness drive, tree plantation, polio dose campaign, shramadan program, self-defense program for girls, yoga training, a water conservation program and awareness drives in the nearby villages on social issues such as gender equality, save girl child, drug addiction, eradicating superstitions, farmers suicides, etc.

Similarly, NCC UNIT, one of the courageous parts of Dr. BabasahebAmbedkar Technological University, performed many social and cultural activities throughout the year. Presently the cadets of thisunit are performing best in all of the events they are a part of.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

2

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

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

26

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1340

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

4

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

5

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The University's physical infrastructure is vital in imparting quality education. The University has developed a mechanism that prepares plans for enhancing its physical infrastructure based on its requirements. Construction of new hostels, apex buildings for central assessment and buildings for new programmes has been the priority.

There are 21 classrooms (with adequate ICT facilities like LAN, Projector Screen), 5seminar halls and 49 well equipped laboratories.

University has an excellent centralised Library. In addition, University Departments have their own libraries consisting of reference and text books, periodicals and other resources.

The University has upgraded the Incubation Center which is well equipped with the necessary facilities. The University departments also have well-structured laboratories, which are effectively used to provide exposure to the latest technology. Majority of the departments have seminar halls that are used for guest/memorial lectures by eminent scholars in the respective fields. The University has Conference Hall which is used for conferences and workshops. The University has a provision of additional funds which are made available on requirements received from different departments for the up-gradation and maintenance of teaching and learning facilities. Moreover, the University has Digital Studio for recording audio/video lectures.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Overall development of students and staff has been among the priorities of the Dr. Babasaheb Ambedkar Technological University. The university has paid special attention to make excellent and extensive sports facilities and a comprehensive infrastructure for holding sports/cultural events and other co-curricular activities. These initiatives have enhanced the students' as well as staff's achievements in various sports activities. Students' activities are promoted through the Sport Department and Cultural Committee. Besides, the NSS and NCC also consistently striving to optimally utilise the facilities by initiating various activities for students and the staff. This is reflected also in the increasing active participation in sports activities by a number of students and staff. Noteworthy indoor and ground sports facilities at the university campuses include:

1. Volleyball Court

2. Basketball Court

3. Badminton Court

4. Cricket Ground

5. Athletic Ground

6. Football Ground

7. Table Tennis

8. Multipurpose Indoor game facility

9. Cricket Ground

Cultural Activities

The Cultural Committee plays a very active role in promoting cultural activities within the university institutions. Cultural

activities were not conducted due to the Pandemic situation of COVID -19 for A. Y. 2021-2022 also.

Several well-known artists have performed in the university auditorium. The Cultural Committee has been proactive in organising events such as Avishkar.

File Description	Documents
Upload relevant supporting document	[View File]()

4.1.3 - Availability of general campus facilities and overall ambience

Dr. Babasaheb Ambedkar Technological University, Lonere has campus area of nearly 467 Acres. The campus has different facilities for the students, teachers and supporting staff.

Hostels for students:- Currently three hostels for girls are under construction. One of the units is completed which has the capacity of 160 students. But due to recent Covid-19 situation, the University has handed over this building to health department of Government of Maharashtra.

Hostel Name Built-up area (Sq.m) Capacity

Gagangiri (Boys) 6057.00 480

Sahyagiri (Boys) 4852.00 360

Dhavalgiri (Girls) 4500.00 210

Malaygiri (Girls) 4500.00 206

Staff quarters:-

Quarters Name Built-up area (Sq.m) No. of Flats

Professor Quarters (Krishan, Kaveri, Vaingang, Panchganga) 3900.00 32

Administrative Staff Quarters (Indrayani, Godavari, Savitri) 2970.00 24

Class-III Staff Quarters (Gomati, Sabaramati, Saraswati) 2230.00 36

Class –IV Staff quarters (Chandrabhaga) 660.00 16

Guest House:- University has guest house named as 'Anandvan'. It can accommodate upto 44 persons. Its built up area is 1580 sq. m. Resident facilities for vice Chancellor, Registrar, Dean:- Name of the Residence Built-up area (Sq.m) Vice Chancellor Bungalow 660.00.

Registrar Bunglow Dean Bunglow Sport Facilities:- University has basketball grounds, Cricket ground, badminton court, table tennis courts, etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

610.79

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Automation of Library Service: Library is partially automated with the help of LIBMAN software developed by Masters Computer. All the work related to issues and returns has been computerized. Most of the books are barcode automation partially done. All the issue and return transactions of the Library and Book Bank are completely computerized.

Web Opac on Local LAN: Library has its own OPAC which can be operated within the campus premises by clicking on http://dbatulibrary/webopac or http://172.16.5.238/opac. Besides listing all the books available in the library, it allows the facility like self-renewal, reservation, Fine calculations, the status of particular Books, and particular students. It is searchable by Author, Title, Acc. No. and several other fields.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	View File

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

4.41

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

41

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

26

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

To meet the requirements of 'Dr. Babasaheb Ambedkar Technological University IT Usage Policy' the Cyberoam - CR300i unified threat management appliance is used. User connectivity, infrastructure security, and governance are maintained by the Cyberoam CR 300i's features like Stateful Inspection Firewall, Gateway Antivirus, and Spyware, Gateway Anti-Spam, Intrusion Prevention System, Web-Filtering, Bandwidth Management, Multiple Link Management, and Comprehensive Reporting.

University Network Infrastructure has 2 Gateways

1) NKN/BSNL Gateway (1 Gbps)

2) Railtel Gateway (10 Mbps)

Name

IP Address

Interface

Type

Activate on Failure of

Weight

NKN

14.139.120.1

PortF - 14.139.120.2/255.255.255.240

Active

N/A

1

Railtel

203.153.39.169

PortB - 203.153.39.173/255.255.255.248

Backup

NKN gateway

NA

Whenever a user connects a device to the University Network Infrastructure he/she is assigned an IP address from the pool and then to access the Internet the login ID and Password are asked for authentication by Cyberoam Server. All further communication is governed by Cyberoam Server using various policies as follows:

1) User Account Distribution and Usage QoS Policy

2) Web-Filter Policy

3) Application Filter Policy

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
2232	406

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	**C. Any 2 of the above**

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

132.83

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1. Following process is carried out for physical maintenance. This tender process is mainly divided into two parts,

1. Offline / A1- Tenders

These tenders are useful for carrying out minor maintenance works costing up to Rs.8lakhs.It is advertised on the university website.

1. Online / E- Tenders

These tenders are useful for major maintenance/ new works (up to 25 Lakhs) costing more than 10 lakhs. They are given wide publicity in local and state-level newspapers.

1. E-tenders

These tenders are useful for major maintenance work/new major work costing up to Rs. 25 Lakhs. They are given wide publicity at local daily and state daily.

In addition to these two, work costing more than Rs. 25 lakhs is

`carried out with the help of PWD.`

1. `LABORATORY: Departments regularly maintain the laboratory equipment by checking the working status of instruments. Maintenance is carried out by the laboratory assistants. Lab Technicians are maintaining dead stock, consumables, semi-consumable materials, and a log book.`
2. `ACADEMIC AND SUPPORT FACILITIES: Department organizes workshops, guest lectures, and seminars for the development of students. The departmental project and seminar coordinators are maintaining all projects and seminar records. The Department office maintains all academic documents such as master, individual teachers, classroom, and laboratory timetables, monthly reviews of the number of lectures and practicals conducted by teachers, a copy of the Unit test examination timetable, andstudentfeedback reports.`

File Description	Documents
Upload relevant supporting document	[View File](#)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

`1655`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

`443`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology	**A. All of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation 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	• **All of the above**

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

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

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

14

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

108

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

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

00

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Students have representation on academic and administrative bodies and committees of the University. University also constituted various Clubs and Board of Students Development and extensional activities.

1. **Class Committees:** All programmes have class committees for each course that comprise of student members representing meritorious as well as weak students, along with faculty members nominated by the Head of the Department, other than the course teacher. The Class Committees provide feedback on all aspects of the programme and respective course. Class Committee Meetings are held regularly, at least twice in each semester.
2. **Cultural and Sports Committees:** Students have strong representations in all cultural and sports and games committees. However, activities were hampered by Covid-19 Pandemic.
3. **Organization of Special Events:** Students online organized, and celebrated the National Teachers Day, on Sept. 5, and other National celebrations that include, Independence Day, Republic Day, Engineers Day, Induction Program, Skill Development Program, National yoga Day

However due to Covid-19 pandemic students welfare activities could not organised.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

31

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

The Dr BATU Alumni Association (DBAA) was inaugurated on 26th Jan 2021 and formally completed registration with the Charity Commissioner Alibag on 3rd June 2021(DBATU/REG/Recognition DBAA/2020-21 date 08/01/2021). Over the past year, the DBAA

initiated several activities for faculty, current students and alumni. Student activities included provision of internships (around 200), placement assistance (around 20), webinars (around 23 - both subject specific and related to career development) which have helped to establish a strong engagement with students. To further help with internships, DBAA also facilitated a MoU between DBATU and Internshala. For faculty, DBAA is contributing through Alumni Advisors to Departments (to advice on curriculum development, lab development and jobs). For alumni, student and staff members of the DBAA, a website was launched on 23rd Oct 2021 – which acts as the central hub for all alumni activities. Most recently, DBAA is actively pursuing establishment of a Raspberry Pi Lab at DBATU. DBAA has also initiated infrastructure contributions via engagement through tenders for solar grid proposed at DBATU and contributing to discussions concerning Fibre Optic line for enhanced connectivity. DBAA is now working towards establishment of scholarships, support for student digital connectivity and strengthening entrepreneurship activities at DBATU.

- website: www.alumni.dbatu.ac.in

File Description	Documents
Upload relevant supporting document	[View File](#)

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

File Description	Documents
Upload relevant supporting document	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Vision: The University is committed to becoming a leading "Center of Excellence" in the field of Engineering, Technology, and Science as a seat of learning with a national character and international outlook.

Mission: The University is committed to providing quality

technical education, research, and development services to meet the needs of industry, business, the service sector, and society.

The Faculty, Students, and Staff are committed to the mission of the University of providing quality technical education and becoming a 'Centre of Excellence' in Education.The University has adopted several new initiatives and practices through ingenious leadership and effective governance.

The University has prepared an elaborate 'Strategic Plan' which gives a detailed roadmap for the long-term development and growth of the University as envisaged in the University Act.

The University believes in 'good governance.' Given this, the University has made several reforms gradually in its governance practices. The University has well-structured governing mechanisms as provided in the University Act No. XXIX of 2014. The governance and administration of the University are carried out through various committees such as Executive Council, Academic Council, etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

The institution promotes a culture of participative management at the strategic level, functional level, and operational levels. At a strategic level, the Governing body, Teachers, and the IQAC are involved in defining policy procedures, framing guidelines and rules and regulations pertaining to admission, examination, code of conduct-discipline, grievance, support services, finance, etc. At the functional level, faculty members share knowledge among themselves, students, and staff members while working for a committee. Faculty members are involved in joint research and have published papers.

Students and department staff join hands with the HoDs and faculty for the execution of different academic, administrative, extension-related, co-curricular, and extracurricular activities. A startup, innovation, and incubation center will be good examples of participative Management.

Similarly, the placement process in the University is driven by

the participation of members from the Career Development Center (CDC), the Faculty, and the Student Committee on placements.

Moreover, Faculty members of various departments have been given additional responsibilities related to various aspects of the university, like Student section, Admission, Examination, Research and development, centralized procurement(CPC), IQAC, Alumni association, and Board of studies.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

Dr. Babasaheb Ambedkar Technological University, with its headquarters at Lonere, is now a State Technical University established by the Government of Maharashtra through the Dr. Babasaheb Ambedkar Technological University Act. The university has been accorded the status of an 'affiliating' university of the entire State of Maharashtra from March 2, 2016, by the Maharashtra Act No. XXIX of 2014. The Strategic Plan document collates and confers the goals, strategies, and performance indicators of the center, every department, and affiliating institutes. This information is converted into operating details for each functional division in terms of priorities, alignment of resources, implementation plan, reporting system, and measurement of progress. The strategic plan has been prepared after consultation with various committee members and authorities and considering the feedback from alums and industry persons. Thus, it reflects the expectations and roadmap for scaling new heights of excellence. The strategic plan is effectively deployed in various sectors. One example of a successfully implemented activity based on a strategic plan is the formation of a start-up, innovation, and incubation center to encourage and support the establishment and growth of technology-based start-ups, which can enable students and faculty to innovate and prototype their potential ideas with industrial standards and support from Government, industry and reputed academic institutions around the world.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

The University shall have a decentralized administrative structure of the Main center, four Regional Centers at Mumbai, Pune, Aurangabad, and Nagpur, along with five sub-regional centers at Amaravati, Jalgaon, Kolhapur, Nanded, and Solapur. Other Centers may be added over time as needed. The Main Centre shall have four Directors-Academics, Administration, ICT, and Research and Development supported by Joint Directors, Registrar, Deans, and Chief Finance Officer in respective areas. The Centres shall look after the functions such as Examination, Research & Development, Industry Relations, Training, Student Grievances, etc. The University and Centres shall work through the eGovernance system and MIS with robust State-of the-Art ICT infrastructure. Apart from the Director's office, Dean's Office, and Registrar's office, there is an Executive Council, Academic Council, Board of Examination, Board of Studies, and IQAC, which decide the policies, procedures, and rules in the respective areas in line with the National education policies, government regulations, existing priorities, and local needs. Regular feedback from the alums, students, parents, and faculty, along with suggestions from the NAAC peer team, form the major inputs for the planning. These inputs are discussed and analyzed by the Executive and Academic Council, IQAC, and CDC. The finance department, Planning and Procurement Section, Heads of Departments, Committee/Cell in-charges, and office staff monitor and work together to implement these policies effectively. The organizational structure of the University facilitates its smooth functioning.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	**A. All of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Teaching faculty is assessed through the Self Appraisal Report submitted at the end of every academic cycle. The objective of the SAR is to highlight faculty members' role and performance for the past year and also summarizes the faculty's expectations for future development. The reporting authority reviews the nature & quality of work faculty performed annually based on the parameters such as knowledge, analytical ability, the initiative taken, ability to inspire and motivate, supervise, interpersonal relations, and teamwork. Student Feedback is also considered for faculty evaluation in the confidential report. The CR plays the most important role along with the training and publication of faculty for promotion under CAS. The IQAC also reviews Administrative and Academic progress to review the performance of all the departments and office administration. The university has well-defined welfare measures for teaching and non-teaching staff, such as,

1. Casual or Earned Leave readily sanctioned to the staff for personal work, medical reasons, attending Refresher Courses/Orientation Programs/seminars, etc., maternity leave for female staff
2. Summer and winter Vacation
3. Financial support for teaching faculties to attend conferences, workshops, etc., Festival advance to non-teaching staff
4. Wi-Fi/Internet, canteen, washrooms, CCTV & security staff
5. A well-organized cooperative credit society for staff
6. Health care center
7. Women's grievance committee

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences /

workshops and towards membership fee of professional bodies during the year

34

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

58

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total 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)

45

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

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

The University ensures optimum utilization of funds through various measures such as organizing academic activities for faculty and staff members, controlling administrative expenses, and sharing common facilities among the Departments and Centers. Faculty members are encouraged to apply for projects from Government agencies to conduct their research on campus. As per the strategy of the University, the activities that need recurring funds and the others that require immediate funding are identified and grouped separately. Innovative strategies are employed for identifying and mobilizing funds. Also, faculty members are encouraged to apply for funded research, projects,

and consultancies. Resources are mobilized by encouraging joint programs, research, faculty development programs, etc., between university departments and the affiliated institutions.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

900

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

6.4.4 - Institution conducts internal and external financial audits regularly

Internal Audit:Internal Audits are conducted once a year. The internal audit committee of the University, with an external auditor, is involved in conducting an internal audit in which the vouching of the bills and random checking of the bill is done. Ms. P. V. Page & co. was the CA for this year. Internal audit is required to monitor and upgrade the accounting process continuously. The Audit report for years 20-21 is attached in criteria 6.4.3 as the supporting document.

External audit:External Audit is conducted once a year. Ms. Kirtane and Pandit LLP, a renowned firm in Mumbai, is the Chartered accountant for Dr. Babasaheb Ambedkar Technological University, Lonere. The external audit starts in the month of November and ends in December.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

Every academic year IQAC visits the department for an internal audit and discusses quality assurance strategies and best practices for the department. Every year, the first-year student's induction program is conducted under the quality assurance strategy in which the information regarding departments, laboratories, examination system, university library, other departments, etc., along with universal human values. Due to covid 19 pandemic, the induction program has been conducted online for the last two years.

Many online workshops and FDP were conducted to improve the quality of the teaching-learning process, structure & methodology of operation, and learning outcomes, such as 'Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship, 'Session on Accelerators/Incubation - Opportunities for the Students & Faculties - Early Stage Entrepreneurs,' 'Orientation Session on National Innovation and Startup Policy (NISP)' etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

The following quality enhancement initiatives in the academic and administrative domains have been taken.

1. **The incubation, innovation, and startup cell have been activated and functionalized.**

2. **It is made mandatory to offer at least one online course in Every Semester commencing from Academic Year 2021-22.**

3. **To cope with the COVID-19 pandemic, infrastructure has been developed to promote online teaching and learning processes.**

4. **Only Winter Semesterexaminations during AcademicYear 2021 - 2022 were conducted on proctored objective-based online examination systems.**

File Description	Documents
Upload relevant supporting document	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

"I measure the progress of a community with the degree of progress women have achieved." Dr. B. R. Ambedkar

1. Savitribai Phule Jayanti was celebrated on January 3rd, 2022, to educate students about the contribution of Savitribai Phule to women's education. It is the annual commemoration of the birth anniversary of the Indian social reformer who played a crucial role in shaping India's education system, with a special focus on

educating the girl children.

2. International Women's Day (IWD) is a global day celebrated on March 8th to commemorate women's cultural, political, and socio-economic achievements.

3. Tech Saksham is a program that aims to equip women with technical skills and encourage them towards technology careers. The program focused on women because India has one of the youngest workforces in the world but with a large skill gap in the jobs of the future and an even higher gender disparity in careers. Partners of the Program were Microsoft, SAP, Edunet Foundation.

4. Women's grievance redressal cell is meant to safeguard and promote well-being of all women employees of the organization. It takes care of all complaints on harassment of women at the workplace. The cell is responsible for looking into any complaints filed by female students & staff at the university campus

File Description	Documents
Upload relevant supporting document	[View File](#)
Annual gender sensitization action plan(s)	[Available](#)
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	[a. Security facility available at hostels and main campus b) Common room available](#)

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Liquid waste management - The University is spread over large area. University building has its unique rain water drainage system. The University had maintained drainage system for the management of liquid waste.

Solid waste management - The University collects solid waste on daily basis for segregation of solid waste in the University campus and dispose it at the central place away from the main building.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

File Description	Documents
Upload relevant supporting document	[View File](#)

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

| **B. Any 3 of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

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

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1. National Integration Day It comes as a celebration of India's cultural diversity and signifies the feeling of having one identity. The oath-taking ceremony was performed at the University Entrance

2. National Constitution Day in a bid to remember the adoption of

the Constitution of independent India, 26 November is celebrated as the Constitution Day of India. The day was celebrated to raise awareness about the Indian Constitution. The efforts of Dr. Babasaheb Ambedkar, as the Chief Architect of Indian Constitution were remembered on this day.

3. NCC Day Celebration: Due to the Covid-19 Pandemic, NCC Day 2021 was celebrated online. Cadets successfully arranged programs, and cadets delivered speeches on various topics explaining the History and other topics related to NCC.

4. National Youth Day:The Department of Youth Affairs organized the 25th National Youth Festival on the 12th & 13th of January 2022 through virtual mode. The Hon'ble Prime Minister inaugurated the festival on 12 January 2022 at 10:30 AM through virtual mode.

5. International Anti-Terrorism Daywascelebrated on 21 May 2022 to spread awareness about the violence caused by terrorists.

6. Addiction Free India Programme: Students of class VIII & IX of S.S. Nikam English school, Lonere, presented a street play ("Nukkad Natak") on the topic "Addiction free India." This program was held on 30 September 2022 at Dr. Babasaheb Ambedkar Technological University, Lonere, and DBATU NCC UNIT played an important role in that program. The cadets managed the whole program and acted as a Discipline Committee

File Description	Documents
Upload relevant supporting document	[View File]()

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

"So long as you do not achieve social liberty, whatever freedom is provided by the law is of no avail to you." Dr. B. R. Ambedkar

The University is conducting many programs to sensitize students about the constitution obligations. The University has course on Constitution of India.

1. Celebration of Constitution Day and Erection of Dr. Ambedkar Statue As part of sensitizing students and employees of the University, University started celebration "Constitution Day" was celebrated on 26th November, 2021. Inauguration of Dr. Ambedkar statue was done at the hands of HTE Minister of Maharashtra.

2. 18 Hours Study Program To pay salute to the great student like Dr. Ambedkar, who used to study for 21 hours in his life, we celebratedthe 18-hour study program, so that students can read the constitution and understand its importance. The program was held on 11th April, 2022.

3. Speech on Dr. Babasaheb Ambedkar on 14th April A speech of eminent person is organized every year on the occasion of birth anniversary of Dr. Babasaheb Ambedkar. On 14th April 2022, Hon. Dada Idatedelivered speech on this occasion.

4. Exhibition of Constitutional Values for 10 Days Every year during the celebration of Dr. Ambedkar Jayanti, an exhibition on life and works of Dr. Babasaheb Ambedkar is arranged at the main entrance of the University. This exhibition exhibited the main articles of the Indian Constitution in order to make students and staff aware of the Constitutional values, rights, duties and other important provisions.

7.1.9-Human-Values-Professional-Ethics.pdf (dbatu.ac.in)

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 Annual awareness programmes on Code of Conduct are organized	Any 1 of the above

File Description	Documents
Upload relevant supporting document	View File

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

"A great man is different from an eminent one in that he is ready to be the servant of the society." Dr. B. R.Ambedkar

Dr. Babasaheb Ambedkar Technological University celebrates the birth anniversary, important commemorative days, events throughout a year. The main attraction is celebration of

Chatrapati Shivaji Maharaj Jayanti on 19th February and Dr. Ambedkar jayanti on 14th April. During Shivaji Maharaj Jayanti a jyot is brought from Raigad fort and various cultural programs along with speech on life of Shivaji Maharaj is organised. Dr. Ambedkar Jayanti is celebrated in which, essay competition, singing competition, exhibition on life and works of Dr. Ambedkar and 18-hours study program is arranged. An eminent person is called to deliver speech on Dr. Ambedkar. The birth anniversaries of various social and national leaders is also celebrated.

File Description	Documents
Upload relevant supporting document	[View File](#)

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Title: Free Medical Health Checkup and Free Treatment at University's Health Care Centre (HCC)

2. Objectives - To provide - emergency and primary health care,guidance & counseling,free medical check-up, free medicines and advice.

3. The Context All the facilities like medical check-up and medicines are made available free of cost to the students, staff, faculty members, daily wage workers and their families.Thus everyone in the University campus and nearby area is benefitted.

4. The Practice The HCCof the University provides free health checkup and medicines to everyone in the nearby community and even visitors also. Whenever any emergency arises or any unfortunate accident happens, the students get the urgent treatment as the University is located away from the city area. Blood donation camps as well as vaccination camps are regularly arranged. During the pandemic situation of COVID-19, Universityran the HCC and offered one hostel to work as COVID center.

5. Evidence of Success

? The exam going students are under stress and become sick and HCC provided the timely help to them.

? Approximately Rs.5,00,000 are spent on the medicines.

? HCC is a 5 bedded hospital with provision of Oxygen cylinders and other instruments.

? During the Nisarg Cyclone and pandemic situation HCC proved a boon.

6. Problems Encountered and Resources Required

? Separate dedicated building can provide more space.

? Specialized visiting doctors are not ready to come.

? Blood investigation laboratory, ECG setup are required.

7. Total patients handled: 5523

Health Care Center – Dr.Babasaheb Ambedkar Technological University (dbatu.ac.in)

7.3 - Institutional Distinctiveness

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

"Ambedkar is the Father of my Economics" Nobel laureate Professor Amartya Sen

Dr. Babasaheb Ambedkar, the "Greatest Indian" was the eminent researcher and social reformer. He devoted his life for studying various branchesof knowledge and implemented for making a proud and better India. The Vision, Mission and Objectives of the University, Lonere are rightly embodied with the missionary work of Dr. Ambedkar. The research scholars, students, faculty and staff follow the principles laid down by Dr. Ambedkar through his writings, speeches and Indian Constitution.

The University clearly points towards highest quality education, in the most cost-effective manner. The Institution contributes to the society through vaccination camps, NSS blood donation camps. The University has a rich library, smart classrooms, 24-hour internet facility, Wi- Fi etc. The University is also responsible in meeting cleanliness and healthy environmentand restricts social evils such as smoking, ragging in the campus.

The university providesopportunities for students to come

together in different academic as well as sports, cultural activities which inculcate the spirit of social discipline, requited work and civic accountability towards nation building and social development. The embodiment of Constitutional values, rights and duties is done through various programs. The students are motivated to take up short internship programs. Though during the pandemic situation, it was difficult for everyone, the University conducted all the activities smoothlyand extended its help by offering hostel as "COVID Centre" for patient's isolation and treatment.

7.3.2 - Plan of action for the next academic year

Career Opportunities through Internships and competative exams preparation Centre: Toincreasethe number of students who will qualify for GATE /GMAT /GRE/ TOEFL. To start competative exams study centre to increase number of students preparing for competative exams. Full-time industrial internship in the VIII (final) semester will be enhanced.

Increase the number of students for admission to Ph.D. program: This will give a boost to research activities at the University campus.

Beautification/renovation of the campus: University will perform several activities for the beautification and renovation of the campus by landscaping, repairing & painting old buildings, installing the statue of Chhatrapati Shivaji Maharaj, etc. Increase the number of functional MoUs with institutions/ industries in India for internship, on-the-job training, project work, and industrial consultancy. Development of recreational and sports facilities on the campus of the university for students. To start day-care centre for children of faculty and staff. Offering more community-based technical projects useful for solving societal problems and also sensitizing students about the problems. To start Dr. Ambedkar Centre to study writings and speeches of Dr. Ambedkar in the University.

Sensitization of students and employees to constitutional obligations: More programs will be arranged to increase awareness about values, rights, duties and responsibilities of citizens as mentioned in the Constitution of India.