SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Cultivation of mind should be the ultimate aim of human existence.

-- Dr. Babasaheb Ambedkar

Dr. Babasaheb Ambedkar Technological University was established by the Government of Maharashtra *vide* Dr. Babasaheb Ambedkar Technological University Act. No. XXII of 1989 as a Unitary University. Later, the Government of Maharashtra converted this University to the Affiliating Technological University since 2016 *vide* Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014 with the jurisdiction of the University as the entire state of Maharashtra. Presently 276 institutes are Affiliated with the University and the total student strength is 1,36,534.

The sprawling 468 acres of the campus of this University provides as a sanctum seat of learning across the state. The University attracts meritorious students from the entire state and molds them into employable engineers and competent technocrats. This University provides well-equipped laboratories with testing and analysis facilities that can be extended for the benefit of the industries. In addition, the University offers facilities like conference hall, auditorium, playground, workshop and computing facilities. The University has spacious and good hostels with all basic amenities.

The University is blessed with highly qualified faculty members who are committed to impart best kind of knowledge through effective teaching-learning process. The faculty and staff of the University believe that achieving excellence is the challenging task and they continuously strive for it.

University also provides a conducive environment and opportunities to the students for research and innovation which leads to creating entrepreneurs. The University is empowered to affiliate Institutions that offer UG, PG, and Ph.D. level programs in the disciplines of Engineering, Pharmacy, Architecture, and Hotel Management & Catering Technology.

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

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

The strengths of the University include its sprawling campus of 468 acres, and UGC recognition under 2 (f) and 12 (B), well-qualified faculty, the presence of academic systems like credit-based continuous assessment systems, etc. At present, 276 institutes are affiliated with the University.

Institutional Weakness

The university is continuously working towards improving its weaknesses which include isolated location, frequent power cut-offs, inadequate hostel and residential facility, lack of campus amenities such as schooling, and hospital.

Institutional Opportunity

The opportunities for the University include expansion in postgraduate education, research, and innovation; industrial collaborations for R&D projects, consultancy, and continuing education for their employees and public-private partnership.

Institutional Challenge

There are challenges like attracting and retaining talented faculty, and competition from other State and private Universities. Our major challenge is to get the vacant positions filled with competent and research-oriented faculty and to get all the centers equipped with all the required human resources and facilities in the shortest possible time to function as a State Technological University.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Dr. Babasaheb Ambedkar Technological University (DBATU) has a clear vision and mission to fulfill the needs of the state of Maharashtra in Technical Education. The academic programs are developed, and the curriculum has been formulated to satisfy the rapidly changing academia's growing challenges.

The University aims at imparting higher education to the poor, socially and economically backward sections of the entire state of Maharashtra. It has jurisdiction all over the state of Maharashtra. Its commitment to promoting excellence in teaching with a focused and developmental curriculum. Its academic programs can face emerging Global challenges and open the doors for new opportunities. The University has played a significant role in students' overall development in terms of knowledge, skills, and values. The curriculum is designed and developed with a systematic process. Overall development, employability, innovation and research aspects are significant while designing the course. The University has a well-designed curriculum so that it leads to soft skills development, shaping

the students' personality and characters. Our curriculum embeds a set of core values with the sanctity of truth, integrity, honesty, mutual respect and civility, social responsibility, stewardship of our environment and the importance of diversity in all its forms. The University moves towards internationalization marked by having MoUs with international Universities to enhance the research network Worldwide.

The University tries to promote quality education and research, state-of-the-art learning, and the use of emerging knowledge to develop world-class human resources capable of fulfilling the needs of the new era of Technology. Presently, the University imparts education in Engineering & Technology, Pharmacy, Architecture, and Hotel Management and Catering Technology. A few employment-oriented courses have also been introduced to offer enhanced employability to the students.

Teaching-learning and Evaluation

DBATU is always in the forefront to provide the best possible education to its students through its well established teaching learning process by the well qualified faculty members. The most important thing in teaching learning process is the ability of teachers to create enthusiasm, ignite passion and generate curiosity among the students. The University regularly conducts Faculty Development Programs, Refresher programs, Workshops, Conferences and Seminars. Every department motivates and supports the faculty and the students to organize and participate in technical events like paper presentations, Avishkar, Hackathon, project competitions etc. The University has a well-organized teaching, learning and evaluation process. The teaching learning process involves chalk and talk methods, ICT tools like PPT's, Audio-Visual Presentations and use of web resources for the effective delivery of the curriculum. The University prepares Academic calendar for all curricular, co-curricular and extracurricular activities at the commencement of each academic year. The University is devoted to achieve excellence in teaching and learning by adopting new pedagogical methods.

The teaching-learning process is outcome-based with clearly-defined Course Outcomes and Programme Outcomes. Mentors are provided for every group of 20 students to solve their academic and other personal issues. The curriculum is updated frequently. Students are exposed to industrial realities and breathtaking technologies through mandatory internships. Advanced learners and slow learners are categorized by their responses in the classroom and performance in the examinations. The institution organizes an Orientation program for newly admitted students.

Research, Innovations and Extension

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.

The DBATU FORUM OF INNOVATION INCUBATION AND ENTERPRISE was Incorporated as a 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 can host approximately six to ten clients 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 the State of Maharashtra. The grant of Rs. 5 Cr is sanctioned by GoM for the duration of 5 Years, out of which the company receives the first tranche/installment of Rs. 25 Lakh. Looking into the performance of the 2020-21 second installment of Rs. 50 lakh against sanctioned amount will be released soon.

Infrastructure and Learning Resources

The University has 451 acres of green campus with a built-up area of 61189 sq.mtrs. There are 21 classrooms with modern ICT facilities such as a 1Gbps leased line Internet facility, smart classroom facility, LAN, Projector, and automated screen, three seminar halls, and 49 well-equipped laboratories, including a language laboratory. The University has a studio for recording audio/video lectures. The University has a library with an excellent book bank facility and subscription for eLibrary resources of e-journals, ebooks, e-ShodhSindhu, Shodhganga, and Databases. The library is partially automated with the help of LIBMAN software. The library also has its own OPAC, which can be operated within the campus premises (LAN) with a separate IP address. In addition, University Departments also have libraries consisting of references and textbooks, periodicals, and other resources.

The University has an Incubation Center with the necessary facilities, and its upgradation is in progress. The University departments also have well-structured laboratories, effectively used to provide exposure to the latest technology. Most departments have seminar halls used for guest/memorial lectures by eminent scholars in their respective fields. The University has Conference Hall which is used for conferences and workshops. The University has a provision of additional funds made available on requirements received from different departments for upgrading and maintaining teaching and learning facilities.

The University has the necessary sports facilities (indoor/outdoor) and comprehensive infrastructure for holding sports/cultural events and other co-curricular activities. Student activities are promoted through the Sports Department and Cultural Committee. Besides this, there are other campus facilities such as a bank, ATM, Xerox, Bus and autorickshaw stand, canteen, health center, two hostels for boys and three hostels for girls, guest house, hostel gymnasium, girls common room Wi-Fi facility, Computer center, etc.

Student Support and Progression

University is committed to ensure the overall and holistic development of the students and mobilizes the appropriate funds and provides the scholarships to the deserving and eligible students. A student support system (Academic Section) is in place which facilitates to avail different scholarship schemes. To make

the students industry ready and capable to fit into global arena, University organizes life skill programs, diagnosis test etc by outsourcing the events. In addition University facilitates language lab to improve communication skills. Every Year Science day is celebrated with a great enthusiasm to inculcate scientific temper and spirit of inquiry in the minds of students. In line with the Government of India initiatives and constant persuasion, University has started an innovation, incubation and entrepreneurship Development center to ignite the young mind and cater their ideas and bow the seed of entrepreneurship of the deserving and interested students. The University has a separate Career development center which centrally handles training and placement of the graduating students of all Departments. There are a large number of organizations with which we have fruitful relationships and which have been visiting us year after year for recruiting the fresh talent. To popularize the Yoga and its benefits among the students, every year on 21 st June

University celebrates International Yoga Day. To make the students mentally and physically fit indoor and outdoor sports are being played by the students on regular basis. University also organizes cultural and sports events and students are encouraged and supported to participate in Inter- University cultural competitions. One of the distinguished program, 18 hour study program is being organized as a part of Ambedkar Jayati celebration on 14 th April to inculcate the Dr Ambedkar thoughts and philosophy, lifelong learning. University has the vibrant and energetic NCC and NSS units with the strong participation of the students at University, state and national level. The events like National Youth Day, Indian Army Day, Tree plantation, NCC Day in addition to regular PARADE on the occasion of Republic and Independence Day celebration are being organized by the NCC unit. The Social awareness programs,

SWATCH Bharat, Digital Literacy, voting awareness camp, Blood donation camp etc are the regular activities of the University NSS unit. There is SWYAM/NPTEL local chapter in the University which facilitates and motivates the students to take the advantages of the online courses on these platforms. Students are provided guidance and coaching to appear GATE, GRE, TOFEL, GMAT, MPSC, UPSC etc. competitive exams.

Good number of students is progressed for higher education. Students are empowered through their representation and active participation in University administration in organization of Cultural and Sports events and also in management of NSS, NCC, hostel, Avishkar, CDC, Technical events etc. Our alumni have excelled in every field, be it the core engineering, research and teaching, consulting, IT or the social sector and University is well connected with the alumni through Alumni Association. Our Alumni are concerned with the University and brings the internship, placement opportunity, guidance for higher education, career/personality development etc. Alumni also financial support the needy students.

Governance, Leadership and Management

University has a well-defined vision, mission, and core values and student-centric policies. The university has its good governance through decentralization, transparency, delegation, and inclusiveness of all stakeholders to ensure a good academic and research culture. University is governed by the Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014. Also, the Statutes, Ordinances and the Rules & Regulations, duly approved by the government, are in place.

The Executive Council is the apex body which accords approval for the financial budget of the University as proposed through the Finance Committee. The members of the Executive Council are involved in the policy making strategies necessary to ensure the overall development and progress of the university. It plays a vital role in facilitating the administrative and financial sanctions to the various activities. The Academic council functions tirelessly to create and develop new and progressive curricula and academic schemes by offering many choices to the students and offering them opportunities to grow.

Being the University's head and leader, the Vice-Chancellor provides a progressive and student-centric

approach to the overall administrative procedures. The HoDs of various departments, all the statutory officers, and staff members strive for the University's growth.

The evaluation of answer books is carried out in on-screen mode. Also, student admissions and management of finance-related activities are executed using appropriate softwares. The entire university campus is under the CCTV surveillance. There is face-recognition system for the attendance of all the university employees. Teachers, students, and other university stakeholders are involved in the decision-making process through various committees, Boards, and Councils.

The IQAC has been actively engaged in the consistent execution of different quality initiatives in the University.

The University follows government guidelines for the collection and disbursement of funds, and strict financial discipline is ensured through regular internal and external audits. The University is committed to improving academic, research, extension and development activities with the active involvement of all the stake-holders.

Institutional Values and Best Practices

Dr. Babasaheb Ambedkar, the "Greatest Indian" was the eminent researcher and social reformer. He devoted his life for studying various branches of 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. It's the privilege of the University to have Dr. Ambedkar name.

Dr. Babasaheb Ambedkar Technological University took many measures for the promotion of gender equity by arranging functions and thought provoking speeches. University has women's grievance cell to safeguard and promote well-being of all women employees and girl students of the organization. The University promotes use of renewable energy sources and started implementing Solar energy and use of LED bulbs/

Power-efficient equipment in the campus. University continuously took efforts for water conservation and maintaining clean and green campus.

University took efforts in providing an inclusive environment by arranging various programs for students by NCC and NSS units. To sensitize students and employees of the University to constitutional obligations: values, rights, duties and responsibilities of citizens, University conducts programs like constitution day celebration, Dr. Ambedkar Jayanti celebration, 18-hours study program.

Thus various best practices have been implemented to embody the constitutional principals in the minds of the students and employees. We at DBATU continuously working to maintain the image of the University as "Seat of Learning in Green Mountains towards Constitutionally responsible citizen of India."

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE
Address	Dr. Babasaheb Ambedkar Technological University, Lonere, Tal. Mangaon, Dist. Raigad
City	Lonere Raigad
State	Maharashtra
Pin	402103
Website	https://www.dbatu.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Vice Chancellor	Karbhari Vishwanath Kale	02140-275101	9422203089	02140-275142	registrar@dbatu.ac.in
IQAC / CIQA coordinator	Sanjay L. Nalbalwar	02140-	8793814621	02140-275142	iqac.dir@dbatu.ac.in

Nature of University	
Nature of University	State University

Type of University	
Type of University	Affiliating

Establishment Details	
Establishment Date of the University	05-05-1989
Status Prior to Establishment,If applicable	

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	**Date**	**View Document**
2f of UGC	27-12-2005	[View Document](#)
12B of UGC	27-12-2005	[View Document](#)

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**	**Programmes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	Dr. Babasaheb Ambedkar Technological University, Lonere, Tal. Mangaon, Dist. Raigad	Rural	468	79220.3	Certificate, Diploma, U.G., P.G., Ph.D.		

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
Hotel Management/Hospitality/Tourism/Travel	0	2	2
Engineering/Technology/Architecture/Design	15	255	270
Vocational Education	0	4	4

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	1
Affiliated Colleges	276
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	7
NAAC Accredited Colleges	28
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	3
Colleges with Postgraduate Departments	42
Colleges with Research Departments	5
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes

SRA program	Document
AICTE	105567_3921_1_1672792634.PDF

Details Of Teaching & Non-Teaching Staff Of University

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	16				32				100			
Recruited	2	0	0	2	10	0	0	10	27	9	0	36
Yet to Recruit	14				22				64			
On Contract	0	0	0	0	0	0	0	0	38	34	0	72

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				36
Recruited	24	3	0	27
Yet to Recruit				9
On Contract	48	60	0	108

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				45
Recruited	21	6	0	27
Yet to Recruit				18
On Contract	11	10	0	21

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	0	0	10	0	0	22	3	0	37
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	5	6	0	11
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	6	0	9
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	0	0	0	34	27	0	61
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	**Female**	**Others**	**Total**
Emeritus Professor	0	0	0	0
Adjunct Professor	2	0	0	2
Visiting Professor	0	0	0	0

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	NIL	NIL	NIL

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1570	0	0	0	1570
	Female	530	0	0	0	530
	Others	0	0	0	0	0
PG	Male	18	0	0	0	18
	Female	10	0	0	0	10
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	25	0	0	0	25
	Female	13	0	0	0	13
	Others	0	0	0	0	0
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	No

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	Nill
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	B	2.35	Profile_Acad Inf_Peer Team Report_lh.pdf
Cycle 2	Accreditation	B+	2.53	

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Chemical Engineering	[View Document](#)
Chemistry	[View Document](#)
Civil Engineering	[View Document](#)
Computer Engineering	[View Document](#)
Cyber Security	[View Document](#)
Earth Science	[View Document](#)
Electrical Engineering	[View Document](#)
Electronics And Telecommunication Engineering	[View Document](#)
English	[View Document](#)
Information Technology	[View Document](#)
Management	[View Document](#)
Mathematics	[View Document](#)
Mechanical Engineering	[View Document](#)
Petrochemical Engineering	[View Document](#)
Physics	[View Document](#)

Institutional preparedness for NEP

1. 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, the 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) Page 5/10506-01-2023 10:51:19 Annual Quality Assurance Report of DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE 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 in 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, the 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 and the School of Earth Sciences. It is proposed to start interdisciplinary, multidisciplinary & transdisciplinary programs under these schools in the coming 2-3 years.
2. 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.
3. 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 on 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 the courses such as Product Design Engineering, Soft Skill Development, Universal Human Values, Basic Human Rights, and Communication skill.
4. 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. The university successfully coordinated for translation of 20 First-Year Degree and Diploma books. The university received appreciation from AICTE and the Government of Maharashtra.
5. Focus on Outcome based education (OBE):	This university 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. The syllabi of all courses have been designed with due consideration to macroeconomics and social needs at large so as to apply the spirit of NEP2020.
6. 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.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been	Yes. The Electoral Literacy Club (ELC) has been set

set up in the College?	up in the University and it is functional too.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes. The students' co-ordinator and co-ordinating faculty members are appointed by the University. Dr. H. N. Warhatkar, NSS Coordinator of the University has been appointed as Nodal officer, and three students representative Mr. Omkar Narayan Shinde, Mr. Navin Tukaram Kepede, and Mr. Prathmesh Ghuge have been appointed an Electoral Brand Ambassadors to create awareness among student and community at large. The letter of appointment has been communicated to the appropriate office of the District Administration. The ref number of the letter is: DBATU/Estt/Election/2021/187 dated 17/11/2021. The ELC is fully functional and several activities have been carried out in the university.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Various activities are conducted through NSS and ELC such as Street Plays, Essay competitions, Posters competitions, Pledge, Constitution wall, social media tools, etc. The University has received an appreciation letter from the State Election commission of Maharashtra for outstanding contribution to the activities organized on National Voter's Day and Democracy Fortnight 2022 (SEC/IPRO-2021/C.R.I/Desk10 dated 31/03/2022).
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	1. Digital contains such as posters have been created and used on social media tools to create awareness among voters. 2. A voter registration drive was arranged using Election Commission Portal on the University Campus.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	For the students in the University above 18 years of age, who are admitted to the conducted institute of the university, a voter registration drive on the University Campus was arranged using the Portal of the Election Commission.

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2021-22	2020-21	2019-20	2018-19	2017-18
16	16	16	16	16

File Description	Document
Institutional data in prescribed format	[View Document](#)

1.2

Number of departments offering academic programmes

Response: 12

2 Students

2.1

Number of students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2258	2389	2263	2614	2620

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2

Number of outgoing / final year students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
677	690	678	713	744

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.3

Number of students appeared in the University examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2258	2389	2265	2614	2620
File Description			Document	
Institutional data in prescribed format			[View Document](#)	

2.4

Number of revaluation applications year-wise during the last 5 years

2021-22	2020-21	2019-20	2018-19	2017-18
29	0	0	889	584

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
786	777	815	764	721
File Description			Document	
Institutional data in prescribed format			[View Document](#)	

3.2

Number of full time teachers year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
122	118	96	96	96
File Description			Document	
Institutional data in prescribed format			[View Document](#)	

3.3

Number of sanctioned posts year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
148	148	96	96	96

File Description	Document
Institutional data in prescribed format	[View Document]()

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
390	429	455	544	619

File Description	Document
Institutional data in prescribed format	[View Document]()

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
306	306	306	333	333

File Description	Document
Institutional data in prescribed format	[View Document]()

4.3

Total number of classrooms and seminar halls

Response: 27

4.4

Total number of computers in the campus for academic purpose

Response: 203

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
529.8	569.83373	789.10543	1081.82885	321.89336

4. Quality Indicator Framework(QIF)

Criterion 1 - 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 Institution.

Response:

Dr Babasaheb Ambedkar Technological University follows a systematic process of designing and developing the curriculum. The academic programmes are developed, and the curriculum has been formulated to satisfy the rapidly changing needs of the society.

The modifications in the curriculum are proposed by the individual department after regular discussions with the faculty members in the department. The members of the teaching department identify and evaluate the local /national/global needs to make the curricula of the programmes relevant to such needs and share it with the Board of Studies through the Head of the Department, who is a member/chairman of the concerned Board of Studies. The Board of Studies, which has members from academia and Industry, develops the curriculum and recommends it to the Academic Council. The approving authorities from the University are Academic Council (AC) followed by 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 from students, alumni, employers and experts from academia and industry. The cutting edge technology 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 University runs eight B Tech, Seven M Tech programmes and PhD programmes offered through eight Departments. The Choice Based Credit System (CBCS) and with good number of electives as well as POs/PSOs/COs designed for all the programmes and are published on the web site as well as placed in the respective departments and the awareness has been created among the students.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2

Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 40

1.1.2.1 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 6

1.1.2.2 **Number of all Programmes offered by the institution during the last five years.**

Response: 15

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of Programme syllabus revision in last 5 years	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.1.3

Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 12.49

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

2021-22	2020-21	2019-20	2018-19	2017-18
114	111	115	87	59

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 11.25

1.2.1.1 **How many new courses were introduced within the last five years.**

Response: 274

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 2436

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2.2

Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 93.75

1.2.2.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 15

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

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

Response:

Dr Babasaheb Ambedkar, a great visionary and the father of the Indian constitution. As a sense of gratitude towards his outstanding contribution to social upliftment, our University is named after Dr Babasaheb Ambedkar. He is a great source of inspiration to this University. Based on the inspiration of Dr Babasaheb Ambedkar, our University has been continuously working for community services, Gender equality, Environment and Sustainability, Human Values and Professional Ethics. The curriculum is enriched by integrating Environmental Studies, Professional Ethics and Human Values, gender equality.

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 departments have Students' Chapters 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	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	[View Document](#)
Any additional information	[View Document](#)

1.3.2

Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 8

1.3.2.1 **How many new value-added courses are added within the last five years.**

Response: 8

File Description	Document
Institutional data in prescribed format	[View Document](#)
Brochure or any other document relating to value added courses	[View Document](#)
Any additional information	[View Document](#)

1.3.3

Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 10.59

1.3.3.1 **Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
134	745	106	66	226

1.3.4

Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 15.54

1.3.4.1 **Number of students undertaking field projects or research projects or internships.**

Response: 351

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	**View Document**
Any additional information	**View Document**
Link for additional information	**View Document**

1.4 Feedback System

1.4.1

Structured feedback for design and review of syllabus – semester-wise / year-wise is received from

1) Students, 2) Teachers, 3) Employers,

 4) Alumni

Response: C. Any 2 of the above

File Description	Document
URL for stakeholder feedback report	**View Document**
Institutional data in prescribed format	**View Document**
Any additional information	**View Document**
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	**View Document**

1.4.2

Feedback processes of the institution may be classified as follows:

Response: C. Feedback collected and analysed

File Description	Document
URL for feedback report	**View Document**
Upload any additional information	**View Document**
Institutional data in prescribed format	**View Document**

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Demand Ratio (Average of last five years)

Response: 0.78

2.1.1.1 **Number of seats available year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
580	580	598	666	666

File Description	Document
Demand Ratio (Average of Last five years) based on Data Template upload the document	[View Document](#)
• Any additional information	[View Document](#)

2.1.2

Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years

(Excluding Supernumerary Seats)

Response: 80.34

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
209	225	243	289	312

File Description	Document
Average percentage of seats filled against seats reserved (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

2.2.1

The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The students admitted to our University are coming from various economic sections and communities of society. The university is very much aware of its overall growth and social upliftment in the society. Our University has a fair system for the admission process. Our university believes in outcome-based learning processes. After the completion of the admission process, regular classes commence as per
the Academic Calendar.

After admissions, the university adopts a process to identify slow and advanced learners among students. We believe in outcome-based learning processes, where we identify students as slow learners and advanced learners based on the in-class interaction, internal test performances and mid-sem examination. Advanced learners and slow learners are categorized by their responses in the classroom and performance in the examinations. The institution organizes Orientation/Induction programme for freshers at the institute level and departmental level. The facilities in the university and the scope of the subjects being learnt are introduced in these sessions. Advanced learners are encouraged to refer latest versions of reference books and journal papers for their advanced studies. They are given opportunities to be part of innovative projects and other technical initiatives of the institute. They are encouraged to participate in Hackathons, Paper Presentations, Project Competitions and Summer Projects and Internships. They also help slow learners through peer learning. The Gold Medals are awarded to the toppers in the University Convocation. Training and Placement Cell invites Companies to hold their placement drive at the University.

The institute arranges different special tutorial sessions to bridge the gap between slow learners and advanced learners. Slow learners are motivated to participate in 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 slow Learners. Advanced learners are encouraged to refer to additional textbooks, and journals. They are motivated to participate in various technical competitions at University and National Levels. They are having the option to earn a Major and Minor Specialization in Engineering Degree as per the criteria specified by the University. They are also given an opportunity to be office bearers of the student council, various professional bodies and lead professional activities at the University Level. They also help slow learners through peer learning. The Gold
Medals are awarded to the toppers in the University Convocation.

Slow learners are provided Remedial Classes to improve their academic performance which helps them to improve subject knowledge and catch up with their peers. Group Study System is also encouraged
with the help of advanced learners. Personal counselling is also given to them by the tutor-mentor. Lecture notes/course materials are provided to slow learners.

File Description	Document
Upload Any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

2.2.2

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

Response: 18.51

File Description	Document
Any additional information	[View Document](#)

2.3 Teaching- Learning Process

2.3.1

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

Response:

The ultimate goal of the teaching-learning process is to empower students with the knowledge, skills, and abilities they need to become independent, critical thinkers who can apply what they have learned to solve real-world problems. A good education should provide students with a solid foundation in academic courses and help them develop essential life skills such as communication, collaboration, problem-solving, and self-reflection. The University practices a teaching methodology focusing on imparting education through a student-centric approach. This methodology helps to transform students from being relegated to passive recipients to active and involved stakeholders, besides boosting their confidence and encouraging independence.

Interactive Methods: One of the essential aspects of the teaching-learning process to inclusiveness of the students in all respect while teaching learning to make it more interactive and practical. While teaching the subject in ONLINE mode, care was taken to make the students attentive by including practical and real-life examples. After each assessment test, the model solutions were discussed through one-to-one interaction. Following the regulations of the UGC, the Junior Research Fellows (JRFs) are given lessons that allow them to acquire practical knowledge and grow into capable researchers. The students are allowed to learn from the experiences of industry professionals through sporadic interactions with these professionals, which, as a result, better prepares them for the intense competition they will face in the real world.

Participative Learning: Students-centric methods include Seminars, Community projects, and Mini projects, in which student solves problem-related to society, and the university department arranges workshops for students to learn and implement the projects using new emerging technologies. The student seminars are organized, and students present papers to enrich their learning experience. The

University encourages students to participate in Intra University competitions such as AVISKSHAR. Also, encourage students to take part in competitive coding competitions like hackathons. Also, university departments arrange industrial visits for students as per their stream.

- **Internship:** Students will be able to complement the knowledge they gain in the classroom with real-world experience through an internship program. It will allow them to understand better how the business functions.

Problem-solving Methodology: In the B.Tech Project (BTP), three or four students are asked to work in a group to solve a particular problem. Students have to discuss a given problem to find out the possible solutions and select the best solution. The curriculum for technology programs typically includes student projects and dissertations as required elements. Also, the University encourages students to build start-ups by providing funds under the incubation center.

File Description	Document
Upload any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.3.2

Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

The classrooms at the university are outfitted with equipment that is enabled by information and communications technology (ICT), such as projectors, computers, and sound systems. The campus of University features wi-fi access points. To facilitate classroom instruction, the course teachers make use of a variety of educational tools. In the academic year 2020-21, due to the limits imposed by COVID-19, lecturers delivered their lessons using online technologies/tools such as Google Meet, Zoom, and WebEx.

The University has both the ZOOM and WebEx applications through a paid subscription. The educators utilized Google Meet or WebEx platforms in classrooms with fewer students. The various departments used Google forms to administer an online test to enhance and promote the continual internal review that was taking place. Using Google Classrooms, the department can share PowerPoint presentations, movies, web links, and online quizzes created in Google form. The handouts and notes were produced ahead of time, and the instruction was conducted utilizing scanned copies of the notes. Google Classroom's widespread adoption can be attributed to its many benefits. It was used to distribute and grade assignments, post class announcements that students may remark on for two-way communication, and deliver course materials.

Nevertheless, Digital Slate's Chatbox was utilized while the explanation was given. The pupils were given the link to view it before the beginning of class. The students were given access to standard links

for self-learning, such as NPTEL and SWAYM, and an open discussion was organized to make the students feel more included in the online learning experience and to make it more live. The teaching and learning process is significantly improved by using online resources such as NPTEL. YouTube videos are often utilized while attempting to illustrate a particular idea. To complete the practical, we employ computer simulations of lab experiments. The utilization of ICT-enabled online resources can improve the overall effectiveness of the teaching and learning process.

For each course, the teaching-learning process uses various software applications, and most of these are covered in-depth and demonstrated. These may be fundamental technical disciplines, or they may be designing, or they may be modeling and simulation software. Demonstrations and real-time instruction on the program are given using these in classroom settings. The Computer Center provides Web-Mail, e-books, e-journals, theses (Shodhganga), patents, e-newspapers, video lectures (SWAYAM), e-magazines, Moodle Software, online tutorials, and problems, e-books under the world public library, provided by INFLIBNET under the Shodhsindhu resources, and access to the university teachers and students.

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

2.3.3

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

Response: 23.28

2.3.3.1 **Number of mentors** ?????????????? ???????

Response: 97

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers against sanctioned posts during the last five years

Response: 92.43

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)

2.4.2

Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years

Response: 36.75

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
44	44	38	35	33

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	[View Document](#)

2.4.3

Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 9.94

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

Response: 1212.16

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

2.4.4

Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

Response: 1.89

2.4.4.1 **Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters (scanned or soft copy)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 76.6

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 last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
76	106	98	45	58

File Description	Document
List of Programmes and date of last semester and date of declaration of results	[View Document](#)
Any additional information	[View Document](#)

2.5.2

Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 2.24

2.5.2.1 **Number of complaints/grievances about evaluation year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
100	77	49	21	15

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)
Any additional information	[View Document](#)

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

Response:

Response:

Secure Online Question Paper Delivery System (SOQPDS)

To eliminate the possibility of leakage or any other such discrepancy about Question Papers, University has introduced innovative strategies for better management of examinations. University has implemented the Secure Online Question Paper Delivery System (SOQPDS) which incorporates various security features from the **Summer 2018** Examination. University is transmitting Question Papers to exam centers which are located across the state. The examination controllers of affiliated colleges download the examination paper with his secret login credentials. Using the e-system in the examination process has proven to be the most reliable and confidential system. This way the adoption of Secure Online Question Paper Delivery System (SOQPDS) is also helpful to reduce transportation and printing cost of examination question papers.

E-Assessment

The E-Assessment system was introduced during the Term End External Theory examination of **Summer 2018**. E - Assessment' is implemented in all courses. In E-Assessment, digital answer books are uploaded on a portal through which examiners can securely assess answer books online. Allotment of answer books to the available evaluators is done randomly. Evaluators can carry out E-Assessment using

a Computer/Laptop having Internet connectivity from anywhere at any time, thus giving freedom of assessment as per his/her convenience using technology. Students can access their duly-checked answer books digitally. This ensures transparency. Digital access to the assessed answer book is shown to the students which enables transparency in the examination system. Students when applying for Re-assessment, the digital scan copy is again published to be evaluated by another examiner. If a student applies to view his/her answer book, login credentials and the link is communicated on the student's email id for viewing the answer-book.

Entry of Marks and Result Preparation

Dr. Babasaheb Ambedkar Technological University, Lonere has developed online portals for fetching marks of various components of a student's result. The following table gives a brief idea about marks entry of different components:

Mode of Exam	Component Type	Mode of entry	Marks Entered by	Remark/Note
CEP Continuous Evaluation Process (by college faculties)	Theory (Mid sem)	Online	College faculty	As soon as entry is completed by colleges, CEP's Component marks are published on a portal for viewing/verification by Students.
	Practical/ Viva	Online	College faculty	
TEE Term End Exam (by External examiners)	Theory	Online	External Paper evaluator	For External Theory Examination, evaluation is done by e- assessment.
	Practical/ Viva	Online	External Practical Or Viva examiner	Marks entered through the portal are also submitted in

				hardcopy to the University

File Description	Document
Year wise number of applications, students and revaluation cases	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.5.4

Status of automation of Examination division along with approved Examination Manual

Response: 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	[View Document](#)
Current Manual of examination automation system	[View Document](#)
Any additional information	[View Document](#)

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

Response:

Dr. Babasaheb Ambedkar Technological University, Lonere has a regular practice to state learning outcomes/graduate attributes through syllabus which is also available on its website. Each Department offering various programmes of study, explicitly mentions 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. The same is also available to the students. The teachers

mention about the course outcomes on the introductory class of the semester. They also emphasize on the importance of the course outcomes so that interest may be created among them for the subject and they can be well oriented for to learn the contents with the orientation of achieving the learning outcomes.

The university always encourages the stakeholders such as heads of the institutions/departments, teachers, and other supporting staff to undergo various workshops, short term courses and seminars, etc. This also includes the various workshops, short term courses and seminars, etc. related to effective implementation of the OBE framework and assessment of learning outcomes. This helps in effective implementation of the curriculum and also for better assessment of the students.

The University has also adopted the OBE based format for setting up the question papers for the end semester examinations. Accordingly, against every question, the CO is mentioned which we wish to assess through the question. Also the level of the Bloom's Taxonomy is also mentioned against each of the question. This ensures the uniform distribution of the questions over the whole syllabus and also across all the levels of Bloom's Taxonomy. The students also get a hint about how the answer is expected in terms of level and in terms of the contents to be included while answering the questions.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)
Paste link for Additional Information	[View Document](#)

2.6.2

Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

Response:

The University has taken up the Outcome Based Education phylosophy in its true sense. Threfore, the University ensures that the Couse outcomes and programme outcomes are achieved through the teaching learnng and evaluation process. The subject teacher makes the stduents aware about the learning outcomes of the course at the beginning of the semester and also at the introductory class of every new topic.

The University has adopted the phylosophy of contineous assessment instead of being dependent on the end semester evaluation alone. The attainment of POs, PSOs, and COs are evaluated through continuous evaluation and End Semester Examination. For each of the theory course there are two continuous evaluations namely CA1 and CA2 for 10 marks each and a Mid-semester examination of 20 marks. End semester examination for 60 marks is conducted to assess the overall understanding of the subject. For the lab courses the weitage is more on the contineous assessment which is 60 marks. This is done through the expeeriemnts conducted, report writing, performance and understanding of the experiments during each laboratory session. The records are maintained and the marks are converted out of 60 at end of the semester. To evaluate the overall understanding of the students, at the end of the semester a viva or

practical examination is conducted for 40 marks out of which 20 marks are given by the internal examiner and 20 marks are given by the external examiner. The student is graded using the performance in CA1, CA2, Mid-semester Examination, and End Semester Examination.

The examiners are encouraged to set the question papers as per the predefined CO-POs and BLOOM's Taxonomy

- Based on the performance of the students during various types of evaluations as mentioned above, percentage attainment of CO-POs is calculated.
- Innovative methods are followed for the evaluation like asking many practical oriented questions during teaching, giving assignments which will encourage the students for self learning and online quizzes etc. to attain the subject specific COs, POs, and PSOs.
- A sample file for the calculation of CO-PO attainment is attached for reference.

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

2.6.3

Pass Percentage of students(Data for the latest completed academic year)

Response: 96.77

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 660

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 682

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	[View Document](#)
Upload any additional information	[View Document](#)
Link fo any additional information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.24

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1

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

Response:

Research promotion policy of the university aims to sustain excellence 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 / institutional capabilities. Students are encouraged to learn about the world through hands-on practical problem-solving projects. in collaboration with fellow students in other departments and with the faculty as supervisors / mentors. Faculty and students are encouraged to get involved in interdisciplinary / multi-disciplinary / translational research in finding scientific and technological solutions to ground challenges. The University desires to build strong
and robust research and innovation ecosystem through objectives as follows:

1) To nurture an environment of undertaking socially useful / 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.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document](#)
Any additional information	[View Document](#)
URL of Policy document on promotion of research uploaded on website	[View Document](#)

3.1.2

The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 0

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Minutes of the relevant bodies of the University	[View Document](#)
Institutional data in prescribed format	[View Document](#)

3.1.3

Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 1.89

3.1.3.1 **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	2	3	3

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the award letters of the teachers	[View Document](#)

3.1.4

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

Response: 42

3.1.4.1 **The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
1	13	13	13	2

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

3.1.5

Institution has the following facilities to support research

1. **Central Instrumentation Centre**
2. **Animal House/Green House**
3. **Museum**
4. **Media laboratory/Studios**
5. **Business Lab**
6. **Research/Statistical Databases**
7. **Mootcourt**
8. **Theatre**
9. **Art Gallery**
10. **Any other facility to support research**

Response: D. 1 of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	[View Document](#)
Upload any additional information	[View Document](#)
Paste link of videos and geotagged photographs	[View Document](#)

3.1.6

Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 0

3.1.6.1 **The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.**

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-version of departmental recognition award letters	[View Document](#)

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 last five years (INR in Lakhs).

Response: 47.8

3.2.1.1 **Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
0	8.40	7.20	7.20	25

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the grant award letters for research projects sponsored by non-government	[View Document](#)

3.2.2

Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 1817

3.2.2.1 **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
50	6	1003	758	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the grant award letters for research projects sponsored by government	[View Document](#)

3.2.3

Number of research projects per teacher funded by government and non-government agencies during the last five years

Response: 0.06

3.2.3.1 **Number of research projects funded by government and non-government agencies during the last five years.**

Response: 7

3.2.3.2 **Number of full time teachers worked in the institution year-wise during the last five years..**

Response: 617

File Description	Document
Supporting document from Funding Agency	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Paste Link for the funding agency website	[View Document](#)

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.

Response:

The DBATU FORUM OF INNOVATION INCUBATION AND ENTERPRISE was Incorporated as a Section 8 company on November 4, 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 campus of the University.

The Incubation Centre can host approximately six to ten clients 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 the State of Maharashtra. The grant of Rs. 5 Cr is sanctioned by GoM for the duration of 5 Years, out of which the company received the first installment of Rs. 25 Lakh. Looking into the performance of 2020-21, the second installment of Rs. 50 lakh against sanctioned amount will be released soon.

The presence of the incubation center on the University campus, as a Startup Ecosystem, motivates young engineers to become job providers rather than job seekers. This culture of creation of entrepreneurs is being propagated to colleges affiliated with the University.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.3.2

Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 109

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

2021-22	2020-21	2019-20	2018-19	2017-18
33	20	12	16	28

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document

3.3.3

Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 14

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

2021-22	2020-21	2019-20	2018-19	2017-18
8	3	3	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of award letters	[View Document](#)

3.4 Research Publications and Awards

3.4.1

The Institution ensures implementation of its stated Code of Ethics for research through the following:

1. Inclusion of research ethics in the research methodology course work

2. Presence of Ethics committee

3. Plagiarism check through software

4. Research Advisory Committee

Response: B. 3 of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	[View Document](#)
Any additional information	[View Document](#)

3.4.2

The institution provides incentives to teachers who receive state, national and international recognitions/awards

1.Commendation and monetary incentive at a University function

2.Commendation and medal at a University function

3. Certificate of honor

4.Announcement in the Newsletter / website

Response: E. None of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of the letters of awards	[View Document](#)

3.4.3

Number of Patents published / awarded during the last five years.

Response: 7

3.4.3.1 **Total number of Patents published / awarded year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	3	0	0

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

3.4.4

Number of Ph.D's awarded per teacher during the last five years.

Response: 2.03

3.4.4.1 **How many Ph.D's are awarded within last five years.**

Response: 61

3.4.4.2 **Number of teachers recognized as guides during the last five years**

Response: 30

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
URL to the research page on HEI web site	[View Document](#)

3.4.5

Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 2.18

3.4.5.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
45	62	23	34	66

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

3.4.6

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 1.32

3.4.6.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
52	31	24	23	9

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

3.4.7

E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. Any other Government Initiatives
6. For Institutional LMS

Response: D. Any 2 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Give links or upload document of e-content developed	[View Document](#)

3.4.8

Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 4.51

File Description	Document
Bibliometrics of the publications during the last five years	[View Document](#)
Any additional information	[View Document](#)

3.4.9

Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 15

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

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.

Response:

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 that the costs are sustainable. All Research and Non-
research consultancies as described in the consultancy 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 of the expertise of the staff member.

(b) The Consultancy must not be in conflict with the University policies.

(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 charges.

File Description	Document
Upload soft copy of the Consultancy Policy	View Document
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	View Document
Paste URL of the consultancy policy document	View Document

3.5.2

Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 147.25

3.5.2.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2021-22	2020-21	2019-20	2018-19	2017-18
7.95	31.606	18.815	25.62	63.26

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy	[View Document](#)
Any additional information	[View Document](#)

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 last five years.

Response:

The University has made a noteworthy contribution to the society and environment through the active participation of NSS volunteers in the activities organized at neighborhood villages. The major emphasis was given to 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. Also, awareness drives in the nearby villages on social issues such as gender equality, save girl child, drug addiction, eradicating superstitions, farmers' suicides, etc. were arranged. Similarly, NCC UNIT, one of the vibrant units of Dr. Babasaheb Ambedkar Technological University, performed many social and cultural activities throughout the

year. Presently, the cadets of this unit are performing best in all of the events they are a part of.

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

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 last five years

Response: 5

3.6.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	3	2

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copy of the award letters	[View Document](#)

3.6.3

Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 84

3.6.3.1 **Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
21	13	12	20	18

File Description	Document
Reports of the event organized	[View Document](#)
Institutional data in prescribed format	[View Document](#)

3.6.4

Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 34.11

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
939	496	893	952	847

File Description	Document
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)

3.7 Collaboration

3.7.1

Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 3.2

3.7.1.1 **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
4	8	4	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Copies of collaboration	[View Document](#)

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 last five years.

Response: 9

3.7.2.1 **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 year-wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
4	0	1	1	3

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the MoUs with institution/ industry	[View Document](#)

Criterion 4 - 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.

Response:

The campus is spread over 467 acres (189.58 hectares) of land with a built-up area of 79220.37 Sqm. The total built-up area and area for Hostels (02 No. Boys and 03 No. Girls) are approx. 11000 Sqm and 13000 Sqm, respectively. The remaining area is used for support facilities like a playground, canteen, parking, green areas, gardens/lawns, etc. Ramps in all academic and hostel buildings improve accessibility to Divyangjan (differently abled persons). The institute has well- furnished ICT-enabled classrooms (21), Seminar Halls (05), a conference hall, and state-of-art laboratories (58) central facilitiesin place. In addition to this University also acknowledges changing needs of society and country in the technological and human resource creation. It also believes that today's technical graduates should not be job seekers but job givers, thus it has complete belief in the creation of employment at the local level. To impart this vision to the students, University is building a separate building of the Incubation Centre with a total area of 522.10 sqm.

University is constructing a Post Graduate Research Centre with a built-up area of 1305.00 Sqm which is costing nearly 774. 11 lakhs through RUSA.

Classrooms:

DBATU has 21 classrooms and 05 Seminar Halls with ICT-enabled (with Wi-Fi connectivity) features. The Institute faculty uses ICT-enabled tools from NPTEL, SWAYAM, and other MOOC platforms along with YouTube videos for the effective delivery of different courses.

Laboratories:

Institute is having a total of 58 laboratories with state-of-the-art equipment to cater to hands-on training for students. Additionally, a few specialized laboratories have also been developed to provide interdisciplinary facilities for research work.

The Institute has an "Innovation and Incubation Centre" which provides hands-on training to the students. The Institute also has extended teaching-learning facilities which consist of Career Development Centre, Central Computing Facility, etc.

Internet and Computing facility:

Institute has established IT infrastructure that has been widely spread across the academic building laboratories, library, and hostels using a high-speed robust network with access to the internet through multiple access points. Institute provides uninterrupted access to information and network services with 1GBPS internet bandwidth and over 100 Wi-Fi access points. The Institute has 1432 Computer systems

(993 dedicated for the students, 257 for faculty including 129 laptops, and 182 for office use). In addition to this Institute also has a dedicated Central Computing Facility (Computer Center) for the students with 108 computers. All computers are connected to the internet over high-speed internet. The computational labs have adequate computers, Wi-Fi connectivity, etc. to support practical sessions. Institute is having wide verities of licensed software. The Institute provides access to software languages and platforms such as MATLAB, C++, Adobe Photoshop, LINUX, LabVIEW, Ansys, COMSOL Multiphysics, CHEMCAD, Adobe Photoshop, ANSYS, etc. which are used by students for academic and research, etc.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.2

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

Response:

GAMES AND SPORTS:

Sr. No.	Details of Sport Facility	Size
1.	Sports Ground	320x170Sqm
2.	Indoor Badminton Court	122.6 Sqm
3.	Table tennis court	83.61Sqm
4.	Carrom	37.16Sqm
5.	Gymnasium	92.90Sqm
6.	Open Gym	30x25 Sqm
7.	Noisy court	308Sqm
8.	Silent Court	381.64Sqm

The University is equipped with modern equipment like Basketball Pole, T/T Table, Carrom, ShotPut, Discuss, Javel, Hammer, Kabaddi Mat, Kho-Kho Pole, Boxing Punching Bag, Cricket Kit, Cricket Mat, etc.

Indoor Games: The University has dedicated space for indoor facilities for both boys and girls. 2 TT Tables, 4 Carrom boards, 10 Chess Boards are centrally placed at the Students Activity Centre. Moreover, separate rooms are also available in each Boy's and Girl's hostels wherein 1 TT Table, Carrom and Chess facility (02) have been provided.

Outdoor Games: The University has a big open multipurpose Sports Ground, of around 320x170 sqm. Football, Kabaddi, Kho-Kho, Handball ground with goalposts, Cricket pitch, Basketball (02), and Volleyball grounds (03) are also available. In addition, a Stadium with Cricket Ground and 400-meter

Track for Athletics and Track & Field events is available. Further, each hostel has a Basketball Court (01) and Volleyball Courts (01) are also available.

Gymnasium: Two modern Gyms for Boys Hostels, one modern Gym for Girl's Hostel and open-air fully equipped Gymnasium are available for our students as well as in residential areas. The University has created Open Gym facilities at one location in IOPE area. It has total 22 equipment such as the facility of Surf Board, Leg Press, Multi-Functional Trainer, Seated Pull Down, Chest Press, Excer Cycle, Horse Rider, etc.

NCC and NSS:
NCC perform Social Service Activities for community development. University has adequate space for conducting NCC activities and owns training aids like Wooden rifles, Air rifles, compass, charts, etc.

NSS Unit of University has been actively engaged in personality development of NSS volunteers through its various activities and programmes. NSS unit of the University has successfully organized environment awareness programmes like tree plantation, cleanliness drive. The NSS Unit also has organized blood donation camps and thalassemia and sickle cell screening programme in association with J. J. group of hospital, Mumbai.

YOGA:. Yoga and Meditation are part of the Orientation Program of newly admitted students. University also celebrates 'International Yoga Day' annually to inculcate the yoga culture in faculty, staff and students.

Facility for Cultural Activities: The University has many prospects and amenities for students to engross themselves in a gathering of Cultural/Extra-curricular activities. The major cultural activities like Annual Social Gathering 'Indradhanushya', musical festivals which are organized in the year. The Annual Social Gathering; 'Abhiyanta Vasant' has always brought out the best talents in the University departments to the fore.

File Description	Document
Upload any additional information	View Document
Geotagged pictures	View Document

4.1.3

Availability of general campus facilities and overall ambience

Response:

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

Hostel facility for Boys/Girls in the University Campus
Currently, three hostels for girls are under construction. One of those hostel is completed which has a

capacity of 160 students. But due to the recent COVID-19 situation, the University has handed over this building to the health department of the Government of Maharashtra temporarily.

Hostel name	Built up area (Sq.m)	Capacity
Gagangiri(Boys)	6057.00	480
Sahyagiri(Boys)	4852.00	360
Dhavalgiri(Girls)	4500.00	210
Malayagiri(Girls)	4500.00	206

Statement showing details of faculty/staff quarters

Quarter name	Built up area	No. of flats
Professor Quarters (Krishan, Kaveri, Vainganga, 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

Resident facilities for Vice-chancellor, Registrar, Dean & Principal

Sr no	Description of Building	Built-up area (sq. m)
1	Vice-chancellor bungalow	306.70
2	Registrar bungalow	196.10
3	Dean bungalow	196.10
4	Principal bungalow	196.10

- **Sports facilities: -** University has been in the process of creating sound infrastructure for sports utility. University has basketball, cricket ground, badminton court, table tennis courts, etc. Other sports facilities are in the developing stage

- **Guest House: -** The University has a guest house named 'Anandvan'. It can accommodate up to 44 persons. Its built-up area is 1580 sq. m. It has 22 rooms including 2 VIP rooms. 11 Rooms are with Air conditioning facilities and the remaining 9 rooms are non-AC. It also has a dining room with a kitchen facility.?

- **Health care center: -** The university is providing primary health care facilities to students as well as to staff. This health care center is located within the premises of the university, for any emergency conditions A dedicated 24 x 7 ambulance facility is available on the campus of the University.
- ??????**Financial inclusion service:-** The university campus has a dedicated banking facility by the State Bank of India. The campus has also ATM by SBI and HDFC various banks to facilitate financial transactions.

- **Canteen and mess facility:-** The University has a clean and affordable canteen facility for the students, staff and guests of the university. Canteen facility is located in the main building and also in the respective hostels of the university

- **Water supply and purification plant:- The** University has a dedicated water supply line from nearby Dam thus making water supply in the campus perennial. The water is treated in the water purification plant in the University before it is put to use. Thus, making university campus water is safe and sufficient for residents of the campus.

- **Rickshaw stand and bus facility: -** The University has a rickshaw stand as well as MSRTC bus facility for travelling students, staff and people who visit the university campus.

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

4.1.4

Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 69.27

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
338.3	289.99873	518.37413	908.60203	263.76287

File Description	Document
Upload audited utilization statements	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

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

Response:

The existing Library occupies a spacious area of about **21000 sq. feet.** The Library has a rich collection of **100887** books. The University also purchased 5197 e-books for access by the users of the library round the clock. The library has an open access system. The Library collection includes Textbooks, Reference books, Handbooks, Encyclopedias, Back volume of periodicals. It also Collected works of Dr. Babasaheb Ambedkar, Mahatma Gandhi and other important personalities, Light reading magazines, Novels and Story books in Hindi, Marathi, English literature etc. The book bank facility is being provided to all the Diploma, Degree and M.Tech students. The Library functions between **8.30 Am and 7.00 PM**. on all working days. Apart from the books, the Library subscribes Indian and foreign journals/Periodicals and Newspapers. The entire library book collection is classified according to the **DDC** (Dewey decimal classification) system.

The Central Library is also a e-Shodh Sindhu consortium member and through consortium the library users are having online full text access to various journals, databases, and other open access resources. The library users have access to full text of numerous journals from Taylor and Francis, ACS and Springer Link. The library users have access to two databases like ISID and NDL.

Automated Library Management System:

- University Library is using LIBMAN Software for the creation of the database of the procured books.
- Library is partially Automated in June 2011 with Lib-man Software.
- Library has its own OPAC system that 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 of self reissue, reservation, overdue calculations, borrower registration, status of particular books, particular students. It is searchable by Author, Title, Acc. No. and several other fields.

With the help of Lib-man software , the following operations are carried out :

- Acquisition and Cataloguing
- Bar-coding of Books
- Circulation
- Report Generation
- OPAC
- Stock Verification
- Library Notice uploading
- News paper entry

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

4.2.2

Institution has access to the following:

1. e-journals

2. e-ShodhSindhu

3. Shodhganga Membership

4. e-books

5. Databases

6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.2.3

Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 29.96

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
4.41	00	130.09	6.9	8.42

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts	[View Document](#)
Any additional information	[View Document](#)

4.2.4

Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 1.81

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

Response: 43

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1

Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 100

4.3.1.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 27

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.3.2

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

Response:

The University continuously upgrades its IT infrastructure and facilities. 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 their 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, Comprehensive Reporting.

During the academic year 2020-21, 406 total computers are available for students, faculty and staff. Internet facility is available in the all departments, library and offices. All faculty members have id and

password for internet access.

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 is asked for authentication by Cyberoam Server. All Hostels and a few locations of departments are having Wi-Fi facilities. All further communications are governed by Cyberoam Server using various policies as follows

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Computer center: Institute has two well-equipped updated computer laboratories, with a Wi-Fi facility with an internet speed of 100 Mbps and access to Wi-Fi connectivity. Students are allowed to use the computer for internet browsing strictly for academic purposes only. The record of students availing of this facility is maintained.

Wi-Fi Facility: Wi-Fi connectivity is provided at various places like the administrative office of the Director, Computer laboratories, library, and cabins of faculty members, boys' hostels and girl's hostel.

The Institute has connectivity with the BSNL network; a 100 Mbps leased line purchased from BSNL, and also a broadband connection in the main office building. University has 1Gbps internet leased line is obtained through NKN project to our university.

Websites (dbatu.ac.in): Uploading of various news, announcements, Tenders, Circulars & activity photos.

Wi-Fi/Network/Internet support team: University has support team. It includes ICT Engineers and support staff.

Institutional Mail user Management: Creating institutional email id for students and faculty members.

File Description	Document
Upload any additional information	View Document

4.3.3

Student - Computer ratio (Data for the latest completed academic year)

Response: 11.12

File Description	Document
Student – computer ratio	View Document

4.3.4

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

Response: A. ?1 GBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.5

Institution has the following Facilities for e-content development

1. **Media centre**
2. **Audio visual centre**
3. **Lecture Capturing System(LCS)**
4. **Mixing equipments and softwares for editing**

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Links of photographs	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 34.47

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

2021-22	2020-21	2019-20	2018-19	2017-18
291.5	278.9	270.73130	173.22682	58.13049

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts	[View Document](#)

4.4.2

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

Response:

Physical facilities in the University includes infrastructure within campus like building and internal roads etc. This infrastructure is maintained by the Estate Department of the University.

The process of tendering & quotation is followed to carry out maintenance of physical facilities.They are

key in ensuring accountability and transparency in execution of quality works.

Tender process is divided into three parts:-

1. Offline tenders/A1 tenders
2. Offline or online B1 tenders
3. E-tenders

1. **Offline tenders/A1-tenders:-** These tenders are usually prefer to carry out maintenance works costing upto Rs. 3 Lakhs. They are advertised on University portal for wide publicity. These routine maintenance works spanning in overall campus.
2. **Offline or online B1 tenders:-** These tenders are used to carried out minor civil works ranges between Rs. 3 Lakh to Rs. 10 lakh. They published on local daily newspapers for wide publicity. They may be carry out through offline or online mode:
3. **E-tenders** :-These tenders are useful for major maintenance work/new. They are given wide publicity at local daily news paper and state level daily news paper.

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

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 80.82

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2021-22	2020-21	2019-20	2018-19	2017-18
1736	1752	2313	2353	1615

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

5.1.2

Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 21.03

5.1.2.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
516	774	669	420	112

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

5.1.3

Following Capacity development and skills enhancement activities are organised for improving students capability

1. Soft skills

2. Language and communication skills

3. Life skills (Yoga, physical fitness, health and hygiene)

4. Awareness of trends in technology

Response: B. 3 of the above

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

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: B. 3 of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.2 Student Progression

5.2.1

Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 5.34

5.2.1.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, *etc.*)) year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
10	36	14	3	22

5.2.1.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
300	320	315	335	324

File Description	Document
Upload supporting data for the same	[View Document](#)
Institutional data in prescribed format	[View Document](#)

5.2.2

Average percentage of placement of outgoing students during the last five years

Response: 10.66

5.2.2.1 **Number of outgoing students placed year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
108	103	86	55	15

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

5.2.3

Percentage of student progression to higher education (previous graduating batch).

Response: 4.43

5.2.3.1 **Number of outgoing student progressing to higher education.**

Response: 30

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Institutional data in prescribed format	[View Document](#)

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 last five years.

Response: 0

5.3.1.1 **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) year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

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

5.3.2

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

Response:

The students are empowered with their active representation in academic and administrative bodies of the University such as Student Council, IQAC etc. University has also constituted various Clubs and Boards where activities are being conducted by the students in consultation with a faculty advisor.

1. Class Committees: All programs have Class representative (CR) and Lady Representative (LR) in each class to connect with the respective class and to get their feedback. Faculty mentors are also appointed for counseling the students related to their academic and personal issues.

2. Cultural and Sports Committees: University Sports and Cultural activities are coordinated and managed largely by the students through the Student Council, and cultural and sports committees. Committees are also in place at the Department level which are completely governed by the students under the guidance of faculty advisors.

3. Hostel Administration: Students are empowered through their representation in all the hostel activities like Mess, Cultural, Sports and Cleanliness. Students not only manage the routine functioning of the hostel mess and organize extra-curricular events but are also involved in policy and decision-making related to the hostels.

4. Organization of Special Events: Celebration of Independence day, Republic day, Shivaji Jayanti, Ambedkar Jayanti, etc. is entirely managed by the students with full enthusiasm and energy. There is active participation by the NSS and NCC volunteers on these occasions.

5. Socio-Technical Events. Techno Social events like TEDx, Cynosure, Hackathon, etc, are being organized annually on a larger scale with the participation of students from other institutes. The above activities enhance their communication skills, management skills, leadership skills, teamwork, time-management, and resource-management skills and build confidence in each student.

6. Earn and Learn Scheme: In order to support needy students and inculcate the habit of earning while learning, the University runs Earn and Learn Scheme. This also helps the students to get involved in the various activities of the University departments.

7. The placement activities are largely managed by the student committee comprising of the final and third-year students of the Career Development Cell (CDC) under the guidance of the faculty in-charge.

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

5.3.3

Average number of sports and cultural events / competitions organised by the institution per year

Response: 20.2

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2021-22	2020-21	2019-20	2018-19	2017-18
26	0	28	27	20

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

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.

Response:

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

Alumni are very much keen and concerned to help the alma mater. Various activities have been initiated by the alumni association to provide internships and placements for students. Expert talks were also

organized in the form of webinars on both technical and career development-related topics. Alumni are also contributing to the formation and refining of the curriculum in the capacity of Alumni Advisors to the concerned Departments.

DBAA is actively pursuing the establishment of a Raspberry Pi Lab at DBATU. It has also initiated infrastructure contributions via engagement through tenders for solar grid proposed at DBATU and contributing to discussions concerning Fibre Optic lines for enhanced connectivity. DBAA is now working towards the establishment of scholarships, support for students, digital connectivity, and strengthening entrepreneurship activities at DBATU.

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

5.4.2
Alumni contribution during the last five years (INR in Lakhs)
Response: E. <5 Lakhs

File Description	Document
Any additional information	[View Document](#)
Link for any additional information	[View Document](#)

Criterion 6 - 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.

Response:

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 to provide quality technical education and become a '*Centre of Excellence*' in Education. The University has adopted several 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.

As the University believes in '*good governance*', it 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.

These several bodies and sections of the University help to achieve governance, handling a specific aspect of the university's growth and development, such as admissions and related procedures, infrastructure needs, collaboration with foreign universities, conferences/workshops organization, student support system, convenient and efficient examination administration, resolution of grievance issues, and dissemination of information via the University's website as well as through circulation via mail and notice boards.

The several committees, Boards of Studies, Advisory boards, etc., are engaged in designing curricula as per the industry's needs by involving members from the industry, alumni, academic experts, student representatives, etc. Directors and faculty members help students to develop professional skills and become globally competent and industry-ready.

University Song: Every word of the university song reflects its visionary approach and conveys a concise message about its mission. The University's placement procedure is guided by the Career Development Centre (CDC), a faculty member, and the Student Committee on Placements (SCoP). CDC participants and some professors maintain professional connections.

An "*Institutional Quality Assurance Cell (IQAC)*" monitors the quality of all academic and administrative activities regularly to achieve continuous quality improvement. Each academic

department has a 'Departmental Committee' consisting of HoD, all faculty members, representatives of non-teaching staff, and student representatives (UG/PG/Ph.D.). The department functions through this committee and its different sub-committees responsible for effective administration.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.1.2

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

Response:

The Executive Council, the Academic Council, the Planning and Evaluation Board, the Finance Committee, the Building, and Works Committee, the Advisory Board, and the Boards of Studies are all statutory entities with clearly defined responsibilities and roles in the administration of the institution.

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

The university's development, administration, and execution of many policies are facilitated by the decentralization of authority and the establishment of several divisions. The University appoints eight deans in accordance with the University Act to ensure proper decentralization of power and participation of stakeholders to ensure the smooth operation of academic activities and the design of administrative and academic policies that are beneficial to students. The Director of IQAC assists the Hon. VC in maintaining the quality of the University's academic and administrative activities.

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. Also, student representatives are part of the Board of Study to discuss their thoughts/ideas on developing curricula. The advisory board also gives suggestions on the curriculum to the BoS. University also takes feedback on the curriculum from affiliating institutes to take appropriate action for revising the curriculum. A startup, innovation, and incubation center is a good example 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 Study. At the university level, a Students Grievance Cell is established to resolve the issues raised by the students.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional Strategic plan is effectively deployed.

Response:

The University published a strategic plan document in 2016 and a perspective plan in 2017 for 5 years by keeping in mind the transformation from Unitary University to Affiliated University. The strategic plan was prepared in consultation with various committee members and authorities and considering the feedback from alumni and industry persons.

The actions were taken in accordance with the strategic plan, and the University achieved the following targets.

- Establishment of Incubation center (section 8 company)
- Establishment of Regional centers (Aurangabad, Pune, Solapur, Kolhapur)
- Till AY 2021-2022, 264 institutes affiliated with the University
- Establishment of new hostels
- Upgradation of classrooms with modern ICT tools
- Establishment of Health care center
- Establishment of a Digital Studio
- Developed National Innovation and startup policy
- Online evaluation system
- A choice-based credit system
- Mandatory six-month internship in the industry

University prepared a strategic action plan for the transformation and reimagination of the University in line with NEP 2020. The University initiated the following actionable points to bring QUALITY education concerning the various parameters put forth by the Government of India in NEP 2020:

- Multidisciplinary and Holistic Education
- The flexibility of Courses and Student Mobility-Multiple Entry and Exit
- Indian Knowledge System (IKS)
- Capacity Building Programme Faculty/Researchers

- Internationalization

File Description	Document
Any additional information	[View Document](#)
Strategic Plan and deployment documents on the website	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.2

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

Response:

The University has a clearly defined organizational hierarchy and structure to support decision-making processes consistent with its vision. Various sections, boards, and committees have their procedures and policies for the smooth governing of administrative and academic work. The overall governance of the University is under close guidance from Executive Council, Academic Council, and the Planning Evaluation and Monitoring Board.

Following are the Authorities of Dr. Babasaheb Ambedkar Technological University, which illustrate its hierarchical structure.

- **The Chancellor:** Maharashtra State's Hon'ble Governor is the University's Chancellor.
- **The Vice-Chancellor:** Appointed by the Governor's Office and State Government of Maharashtra.
- **Academic Council:** Includes expertise from University Departments, Affiliated Institutes, Industry Personnel & Domain experts.
- **Executive Council:** Includes experienced authorities from Universities, Industries, State Governments, and Affiliated Institutions.
- **Planning Evaluation & Monitoring Board:** Includes Directors of the Regional Centers or their nominees, Joint Directors of the Sub-Centres & Vice-Chancellor Nominee. Plan the academic courses, research programs, interdisciplinary activities, and interaction with outside agencies for training, extension, and research, and monitor, from time to time, the implementation of the programs and activities formulated by it.
- **Heads of the Departments:** The Vice-Chancellor appoints one of the teachers as the Head of the Department.
- **The Registrar:** The Registrar shall be appointed by the Vice-Chancellor on the recommendation of a Selection Committee constituted by the Executive Council.
- **Finance Officer:** The Finance Officer is appointed by the Vice-Chancellor on the recommendation of a Selection Committee constituted by the Executive Council.
- **Controller of Examination:** Conducts all the activities related to examination and evaluation.
- **Research Committee:** Evaluates Whether the proposed project is consistent with the University's

mission and whether the appropriate resources are in place to conduct the research.

- **Board of Studies:** BoS is responsible for framing the content of various courses, reviewing and updating the content from time to time, and introducing new courses of study.
- **Building and Works Committee:** Look after all construction, degradation, and maintenance-related activities.

File Description	Document
Any additional information	[View Document](#)
Link to Organogram of the University webpage	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.3

Institution Implements e-governance covering following areas of operation

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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 .

Response:

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 the work which is performed by the faculty member annually based on the parameters such as knowledge, analytical ability, the initiatives 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; as per Government norms, the University has adopted the 'Career Advancement Scheme (CAS)' for regular teaching faculty members. They get an annual increment in their salary based on the recommendation given by the Performance Appraisal Review Committee.

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.,
2. Maternity leave for female staff.
3. Summer and winter Vacation
4. Financial support for teaching faculties to attend conferences, workshops, etc.
5. Festival advance to non-teaching staff
6. Wi-Fi/Internet, canteen, washrooms, CCTV & security staff
7. A well-organized cooperative credit society for staff
8. Health care center
9. Women's grievance committee
10. Insurance Benefits, Employees Provident Fund, NPS scheme, Earned leave and gratuity for employees, Group insurance schemes.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.2

Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 17.24

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

2021-22	2020-21	2019-20	2018-19	2017-18
29	11	32	15	4

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	[View Document](#)
Link for Additional Information	[View Document](#)

Other Upload Files	
1	[View Document](#)

6.3.3

Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 24.8

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

2021-22	2020-21	2019-20	2018-19	2017-18
46	01	56	20	01

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3.4

Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 19.38

6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
35	35	14	9	14

File Description	Document
IQAC report summary	[View Document](#)
Details of teachers attending professional development Programmes during the last five years (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

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

Response:

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 with the help of the Finance Committee. This committee reviews the University's funding pattern and provides guidelines and strategies for mobilizing resources. 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 affiliated institutions.

The main resources for the generation of the University fund are affiliation fees, student examination fees, grants in aid received from the Government of GoM, and various projects. AICTE also provides financial grants to conduct FDPs for Faculty Members, STTP for Librarians, and Professional Development Programs for Non-Teaching Staff which is utilized as per the given guidelines.

The University fund is utilized for various academic activities performing various activities under the innovation council, international exchange program, sports, cultural activity, NSS activity, research

activity, training, and placement activity, seminars and workshops, and various welfare programs which improve the quality of teaching and support the growth of students.

All the utilization of funds is as per budget limits and as per delegation of financial power. The budget of the University is prepared to keep in mind the developmental criteria & needs of the University; accordingly, provisions are made in the Budget, which is approved by university authorities, viz. Registrar, Vice Chancellor, Finance Committee, EC, and then the fund is sanctioned, which is deployed under different Heads of Expenditures in accordance with the approval of various committees constituted by the University

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.2

Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).

Response: 2970.5

6.4.2.1 *Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).*

2021-22	2020-21	2019-20	2018-19	2017-18
16.5	1000	180	350	1424

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.3

Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 0

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
00	00	00	00	00

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)

6.4.4

Institution conducts internal and external financial audits regularly

Response:

The University has established a mechanism for conducting internal and external audits on financial transactions to ensure financial compliance every year.

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 appointed as CA . Internal audit is required to monitor and upgrade the accounting process continuously.

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 list of internal and external auditors in the last five years is as follows:

Financial Year	Internal Auditors	External Auditors
2017 - 18	M/s Gangi & Bulbule	M/s SSAAM & Co.
2018 - 19	M/s P.V. Page & Co.	M/s Kirtane & Pandit LLP
2019 - 20	M/s P.V. Page & Co.	M/s Kirtane & Pandit LLP
2020 - 21	M/s P.V. Page & Co.	M/s Kirtane & Pandit LLP
2021 - 22	M/s Shap & Associate	M/s Mano Mohan & Associates

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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.

Response:

The Internal Quality Assurance Cell (IQAC) must serve as a beacon of hope for the future and as a guiding light for those who come after them. The university has overcome many difficulties and challenges since the establishment of IQAC. Academic achievement and the pursuit of ever-higher quality standards are the main goals of the IQAC. Quality teaching is necessary at all organizational levels, from upper management to individual classrooms, to help achieve these goals. The primary objective of IQAC is to document and track the progress of various stakeholders' efforts to improve the quality of research and to foster a culture of research.

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	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.2

Institution has adopted the following for Quality assurance

1. Academic Administrative Audit (AAA) and follow up action taken

2.Confernces, Seminars, Workshops on quality conducted

3. Collaborative quality initiatives with other institution(s)

4.Orientation programme on quality issues for teachers and students

5. Participation in NIRF

6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Response: C. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Paste web link of Annual reports of University	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.3

Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Response:

The incubation, innovation, and startup cell have been activated and functionalized. Formed section 8 company, namely "DBATU FORUM OF INNOVATION INCUBATION AND ENTERPRISE." Mandatory Internship policies for the students are included in the syllabus. Faculty members have been regularly deputed as per the requirement of GoM for CAS promotions and as per faculty members' requests. Also, training is given to faculty members of the University and its affiliated institutes through PMMMNMTT.

The facility to watch MOOCS through SWAYAM/SWAYAM PRABHA is available to students and faculty members. All financial transactions of the University are carried out in digital mode. CCTVs are installed to provide a safe and secure environment for its students and inhabitants. A health care center is established on the campus to ensure a healthy life for the students and staff. Constituted University Grievance Committee for University employees and students. Also, a committee is formed for students' guidance and counseling.

The University constituted an Anti-Ragging Committee to prevent ragging on the University campus. It is made mandatory to offer at least one online course in Every Semester commencing from the Academic Year 2021-22. To cope with the COVID-19 pandemic, infrastructure has been developed to promote online teaching and learning processes. Facilities like Indoor & Outdoor sports, Gym, Garden Play equipment for children & Open Gym are available on the campus.

The university also constituted Institution's Innovation Council (IIC) as per the guidelines of MHRD's Innovation cell for conducting innovation-related activities. University received a four-star rating out of five during 2019-20 & 2020-21 for promoting innovation and startups on campus.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

Criterion 7 - 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 last five years.

Response:

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

We at Dr. Babasaheb Ambedkar Technological University, Lonere try to enrich the principles of the great reformer Dr. B. R. Ambedkar. He used to propagate the importance of women's education every now and then. Dr. Ambedkar rightly mentioned that if any society wants to progress it can not be without women's education. All the girl students are provided with a separate common room. Women faculty and staff members are provided with a woman grievance and redressal committee to take care of their grievances; if any.

1. Savitribai Phule Jayanti is celebrated on the third of January, every year, 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 girl children. During the 19th century, Mahatma Jyotirao Phule and Savitribai Phule started schools for Girls and the deprived class of Society. It was a *Herculean* task to teach those, who were deprived of education for thousands of years. Savitribai Phule's role is a pioneering example for all of us, hence this day is celebrated with all respect to this great couple, every year.

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. It was celebrated during 2020-21. 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, and Edunet Foundation.

4. Women's grievance redressal cell is meant to safeguard and promote the well-being of all women employees of the organization. It takes care of all complaints

of harassment of women in the workplace. The cell is responsible for looking into any complaints filed by female students and staff at the University campus.

5. Ahilyabai Holkar Jayanti is celebrated on 31st May. She was the hereditary noble queen of the Maratha Empire, in early-modern India. She established Maheshwar (in Madhya Pradesh) as the seat of the Holkar Dynasty. Ahilya Bai was a great warrior and builder of temples who fought against foreign invaders.

Thus, by conducting various programs on great women leaders of India, we preach to the girl students the importance of girls' education and motivate them to work for their progress as well as societal progress.

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

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**

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

Response:

The facilities for the management of the following types of degradable and non-degradable waste are available at the Dr. Babasaheb Ambedkar Technological University, Lonere.

- **Liquid waste management** - The University is spread over a large area. The University building has its own rainwater drainage system. The University maintained a drainage system for the management of liquid waste. Liquid waste is managed through an open Oxidation Pond of capacity 5 Lac liters/day. Liquid wastes generated by the institute are i.e., Sewage waste including toilets, washrooms, kitchens, canteen, residential complexes, etc. The liquid wastes are mainly drained to improve the ground level of water.
- **Solid waste management -** Each department, hostel, residential complex as well as administrative office collects the waste and dumps it in a small waste bin located in the department. Dustbins are placed in each building, from where housekeeping staff collects the wastes. From the small bin, wastes are dumped in big bin/ disposal brickwork structures regularly. From the big waste structure, the solid waste is transferred through the institute tractor/trolley and Sanitation Workers to the Isolated area on the campus. The unnecessary papers (old question papers, answer scripts, etc.) and broken furniture are, however, sold out to third parties.
- **Hazardous Chemical Waste Management:** The University does not generate hazardous waste and can be classified as conditionally exempt small quantity generators under Hazardous Waste (Management and Handling) Rules 1989, amended in 2009 & 2010
- **E-waste Management:** E-waste is generated from departments/laboratories, including out-of-order equipment or obsolete items. All these wastes which cannot be reused or recycled are being disposed of through Notice Inviting Quotation or E-tender by the Store & Purchase department.
- **Bio-medical Waste Management**: Biomedical waste, collected in the health Centre is initially dumped in the designated place at Health Centre and the same is handed over to the AUTHORIZED SCRAP MERCHANT at regular intervals. A separate contract in this regard has also been signed with the authority scrap merchant for Bio-medical waste management.

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

7.1.4

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: B. 3 of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.5

Green campus initiatives include:

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

Response: B. 3 of the above

File Description	Document
Various policy documents / decisions circulated for implementation	[View Document](#)
Geotagged photos / videos of the facilities	[View Document](#)
Any other relevant documents	[View Document](#)

7.1.6

Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: B. 3 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certification by the auditing agency	[View Document](#)
Certificates of the awards received	[View Document](#)
Any other relevant information	[View Document](#)

7.1.7

The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: B. 3 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Details of the Software procured for providing the assistance	[View Document](#)
Any other relevant information	[View Document](#)

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

"Political democracy cannot last unless there lies at the base of it social democracy. What does social democracy mean? It means a way of life which recognizes liberty, equality, and fraternity as the principles of life." ***Dr. B. R. Ambedkar***

1. National Integration Day is also called 'Ekatmata Divas.' It comes as a celebration of India's cultural diversity and signifies the feeling of having one identity. The oath-taking ceremony is performed at the University Entrance of Dr. Babasaheb Ambedkar Technological University, Lonere.

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 is celebrated every year to raise awareness about the Indian Constitution among students and staff members of the University. The efforts of Dr. Babasaheb Ambedkar, the Chief Architect of the Indian Constitution, are 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: Due to the increasing cases of COVID, the Department of Youth Affairs decided to organize the 25th National Youth Festival on the 12th & 13th of January. The Hon'ble Prime Minister inaugurated the festival on 12 January 2022 at 10:30 AM through virtual mode. The cadets of DBATU NCC Unit are registered on an online portal as per the direction of the Ministry of Youth Affairs.

5. International Anti-Terrorism Day is celebrated on 21st May to spread awareness about the violence caused by terrorists. The objective behind the observance of this day is to wean away from the youth the terrorism and the cult of violence by highlighting the suffering of common people and showing how it is prejudicial to the national interest.

6. NCC and NSS organized a Blood Donation Camp, and all university faculty members actively participated. Certificates were provided to all blood donors. Organizing a blood donation camp was to motivate people to donate blood and social work. Blood donation camp aims to select a suitable donor whose blood will be safe for the recipient and who himself shall not be harmed by blood donation.

7. 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 our university; 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	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Any other relevant information	View Document

7.1.9

Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

"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 constitutional obligations. The University has a course on the 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 celebrating "Constitution Day" which is celebrated every year on 26th November. The inauguration of Dr. Ambedkar's statue was done at the hands of the Higher and Technical Education Minister of Maharashtra. The statue in front of the University is a motivation to remember constitutional values, rights, and duties mentioned in our Constitution. The reading of the preamble of the Constitution was also done in the morning.

2. 18 Hours Study Program

The birth anniversary of the champion of constitutional rights, Dr. Babasaheb Ambedkar is celebrated every year on large scale in the University campus. One of the main attractions of this celebration is to remember the life and works of the Chief Architect of our constitution. To pay salute to the great student like Dr. Ambedkar, who used to study for 21 hours in his life, we celebrate the 18-hour study program, so that students can read the constitution and understand its importance. The program is held every year on 11th April. More than 500 students, faculty, staff and their children participated in this program in 2022. The program started at 6 am in the morning and ended at 12 pm late at night at the central library of the University.

3. Speech on Life and Works of Dr. Babasaheb Ambedkar

A speech of eminent persons is organized every year on the occasion of the birth anniversary of Dr. Babasaheb Ambedkar. During this speech eminent persons and constitutional experts are invited and requested to guide the students, employees and the people in nearby villages on the topic of Indian Constitution. On 14th April 2022, Hon. Dada Idate (Chairman, National Development & Welfare Board For DNTs, Ministry of Social Justice and Empowerment, Government of India) delivered a speech on this occasion. He rightly made the audience aware of constitutional important provisions.

4. Exhibition of Constitutional Values

Every year during the celebration of Dr. Ambedkar Jayanti, an exhibition on the life and works of Dr. Babasaheb Ambedkar is arranged at the main entrance of the University. On 14th April, 2022, the exhibition was inaugurated at the hands of invited guests, which was open for 10 days. 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.

7.1.10

The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

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

Response: C. 2 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11

Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

"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, and events throughout the year. The main attraction is the celebration of Chhatrapati Shivaji Maharaj Jayanti on 19th February and Dr. Babasaheb Ambedkar Jayanti on 14th April. During Shivaji Maharaj Jayanti a jyot is brought from Raigad fort and various cultural programs along with speeches on the life of Shivaji Maharaj are organized. Dr. Babasaheb Ambedkar Jayanti is celebrated in, an essay competition, a singing competition, an exhibition on the life and works of Dr. Ambedkar, and an 18-hours study program is arranged. Various topics like the contribution of Dr. Babasaheb Ambedkar in the Constituent Assembly, Nation Building, Social thinking, and economic development of India are considered for essay competition. An eminent person is called to deliver a speech on Dr. Ambedkar. On 11th April, Mahatma Jyotirao Phule Jayanti is also celebrated. The birth

anniversaries of various social and national leaders are also celebrated.

The celebration of birth anniversaries and death anniversaries of eminent national and international persons is done throughout the year as per the guidelines laid down by the Government of Maharashtra. Other cultural events are also celebrated on various occasions. The University celebrates 15th August as independence day and 26th of January as Republic day. On the occasion of these days, NCC conducts different events and programs to celebrate our independence and implementation of the Constitution of India.

File Description	Document
Geotagged photographs of some of the events	[View Document](#)
Any other relevant information	[View Document](#)
Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1

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

Response:

Best Practice 1. https://dbatu.ac.in/health-care-center/

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 a 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 on the University campus and nearby area is benefitted.

4. The Practice The HCC of the University provides free health checkups and medicines to everyone in the nearby community and even visitors also. Whenever any emergency arises or any unfortunate accident happens, the students get 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, University ran the HCC and offered one hostel to work as a 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

Best Practice 2 https://dbatu.ac.in/student-welfare/

1. Title: 'Earn and Learn Scheme'.

2. Objectives - To help poor and needy students

3. The Context - A bicycle is provided to the needy student and in return he has to do some office work

4. The Practice - Nature of the task to be given to the students:

Departments: Office work like maintenance and updating records, preparing reports etc.
Library: Helping in cataloging, re-shelving of the books and journals on shelves, display of books, binding of books etc.
Offices/ Sections: Helping in the preparation of statements, compilation and analysis of data, maintenance of student and faculty data, preparation of reports, maintenance of records etc.
Stores: Helping in updating store inventory, data entry, maintaining registers, etc.
Hostels: Maintenance of records, tracking of complaints related to electrical, civil, and plumbing work, ensuring cleanliness inside and outside the hostel, keeping records in the mess, etc.
Computer center: Helping in keeping records, and upgrading the facilities.

5. Evidence of Success

63 (8 girls & 55 boys) students get benefitted.

File Description	Document
Best practices in the Institutional web site	[View Document](#)
Any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

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

Dr. Babasaheb Ambedkar, the "Greatest Indian" was an eminent researcher and social reformer. He devoted his life to studying various branches of 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.

Presently, 240+ institutes are affiliated to the University and the total student strength is more than one lakh.

The sprawling 468 acres campus of this University provides a sanctum seat of learning across the state.

This University provides well equipped laboratories with testing and analysis facilities which can be extended for the benefit of the industries. In addition, the University offers facilities like conference hall, auditorium, playground, workshop, computing facilities. The University has spacious and conditioned hostels with all basic amenities.

The University is blessed with highly qualified faculty who are committed to impart the best kind of knowledge through an effective teaching learning process. The faculty and staff of the University believe that achieving excellence is a challenging task and they continuously strive for it.

University also provides a conducive environment and opportunities to the students for research and innovation which leads to creating entrepreneurs The University is empowered to affiliate institutions that offer UG, PG, and Ph.D. level programs in the disciplines of Engineering, Pharmacy, Architecture, and Hotel Management, and Catering Technology.

The university considers the needs of economically weaker students and supports them in their educational needs. The University started an Earn and Learn scheme for such students and under this scheme Bicycles are provided to needy students.

The University also has a strong linkage with the alumni, through which regular alumni scholarships are made available for needy students in the University campus. The alumni also provide study materials such as laptops etc. to needy students.

The University clearly points towards the highest quality education, in the most cost-effective manner.

The University has a rich library, The University library runs the concept of a book bank where University provides academic books to the student to be used for a semester at discounted price of 15%

of MRP. So students don't have to bear the extra cost of the books needed for their academics.

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 maintaining cleanliness and a healthy environment and restricts social evils such as smoking, ragging in the University campus.

The university provides opportunities 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 smoothly and extended its help by offering the hostel as "COVID Centre" for patient's isolation and treatment.

File Description	Document
Any other relevant information	[View Document](#)
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

The journey of a thousand miles starts with one little step. The idea of establishing a Technological University in Konkan region as an instrument of economic development was conceived by the Government of Maharashtra in 1981. As per the recommendations of an Expert Committee, the Government of Maharashtra stablished Dr. Babasaheb Ambedkar Technological University; vide Act No. XXII of 1989. Later, Government of Maharashtra converted the University to the Affiliating Technological University from the year 2016 vide Maharashtra Act No. XXIX of 2014 with the jurisdiction of the University as the entire state of Maharashtra. Presently, 275 institutes are affiliated to the University and the total student strength is more than one lakh. The distinct character of the University is its state technical university status with entire Maharashtra as its area of activity. The University attracts meritorious students from the entire state and molds them into employable engineers and competent technocrats. The University is empowered to affiliate institutions that offer UG , PG and Ph.D. level programs in the disciplines of Engineering, Pharmacy, Architecture and Hotel Management & Catering Technology. As an innovative step, this university has introduced a mini project entitled 'Technical Project on Community Services' into the curriculum. The objective of the scheme is to address specific technical needs and problems of the surrounding rural people and to develop appropriate technologies and transfer to the farmers, artists, and craftsmen in unorganized sector. Major projects carried out so far includes: Low-cost mango harvester, Pyrolysis furnace for converting waste grass into coal, Low-cost coconut de-husking devise, snake catcher, and Weed removal device etc.

The University has taken very innovative and bold steps in the direction of promoting academic excellence and administrative reforms. It is in the process of signing Memorandum of Understandings (MOUs) with reputed academic and industrial organizations public sector enterprises and Non-Governmental Organizations for academic, administrative, and corporate collaborations.

Concluding Remarks :

Our objective and motivation for applying to NAAC accreditation are to get our strengths assessed and our weaknesses identified by the peer team. We will try our best to implement the
suggestions which will be given by the peer team after assessment and work to develop and transform this University as a center of excellence in technical education in the state of
Maharashtra. The main thrust of the University is to develop and provide state-of-art infrastructure and an excellent academic and research environment to its faculty and students.

Our university always encourages faculty members to initiate research projects and motivates young faculty members to initiate research by providing them with academic freedom. The Ph.D. thesis evaluation system is as per the Agrawal Committee recommendations which were recognized in the international conference held in Dubai. The university has kept pace with the times by introducing the CBCS system, and multidisciplinary and interdisciplinary programs - courses. It has an efficient and transparent governance system, support for researchers, clean and green campus, gender friendly atmosphere, ample opportunity for students to hone their skills in Co-curricular activities, technologically equipped classrooms and laboratories, a state-of-the-art library, an incubation center titled, "**DBATU Forum of Innovation, Incubation & Enterprise"** (Section-8 Company) with support from Maharashtra State Innovation Society, a nodal agency of Govt. of Maharashtra, well-equipped health center with practicing medical professionals, playgrounds. Our university has already started

implementing provisions of the NEP 2020.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.2	**Percentage of Programmes where syllabus revision was carried out during the last five years.** 　**1.1.2.1. How many Programmes were revised out of total number of Programmes offered during the last five years** 　Answer before DVV Verification : 15 　Answer after DVV Verification: 6 　**1.1.2.2. Number of all Programmes offered by the institution during the last five years.** 　Answer before DVV Verification : 15
1.2.1	**Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.** 　**1.2.1.1. How many new courses were introduced within the last five years.** 　Answer before DVV Verification : 310 　Answer after DVV Verification: 274 　**1.2.1.2. Number of courses offered by the institution across all programmes during the last five years.** 　Answer before DVV Verification : 2436
1.3.2	**Number of value-added courses for imparting transferable and life skills offered during last five years.** 　**1.3.2.1. How many new value-added courses are added within the last five years.** 　Answer before DVV Verification : 54 　Answer after DVV Verification: 8
1.3.3	**Average Percentage 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 year-wise during the last five years.** 　Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18 | 　　|---|---|---|---|---| 　　| 792 | 745 | 929 | 833 | 662 | 　Answer After DVV Verification : 	2021-22	2020-21	2019-20	2018-19	2017-18 | 　　|---|---|---|---|---| 　　| 134 | 745 | 106 | 66 | 226 |
1.4.1	**Structured feedback for design and review of syllabus – semester-wise / year-wise is received from** **1) Students, 2) Teachers, 3) Employers,**

4) Alumni

Answer before DVV Verification : D. Any 1 of the above
Answer After DVV Verification: C. Any 2 of the above
Remark : Revised values as per supporting documents

1.4.2	**Feedback processes of the institution may be classified as follows:** Answer before DVV Verification : D. Feedback collected Answer After DVV Verification: C. Feedback collected and analysed Remark : Revised values as per supporting documents provided by HEI
2.1.2	**Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years** **(Excluding Supernumerary Seats)** 2.1.2.1. **Number of actual students admitted from the reserved categories year wise during last five years** Answer before DVV Verification: | 2021-22	2020-21	2019-20	2018-19	2017-18 | |---|---|---|---|---| | 193 | 219 | 237 | 280 | 331 | Answer After DVV Verification : | 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 | |---|---|---|---|---| | 209 | 225 | 243 | 289 | 312 | Remark : Revised values based on data template as per that filled seats not to exceed earmarked one. Any excess admission made in the categories to be considered as General merit.
2.3.3	**Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)** 2.3.3.1. **Number of mentors** ?????????????? ??????? Answer before DVV Verification : 121 Answer after DVV Verification: 97
2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)** 2.4.3.1. **Total experience of full-time teachers** Answer before DVV Verification : 1300 Answer after DVV Verification: 1212.16
2.4.4	**Average percentage of full time teachers who received awards, recognition, fellowships at State,**

National, International level from Government/Govt. recognised bodies during the last five years

    2.4.4.1. **Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1	2	0	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	0	0	0

Remark : Revised values as per that one teacher receiving multiple awards will be counted once

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2.5.2 | **Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**

    2.5.2.1. **Number of complaints/grievances about evaluation year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
105	77	49	21	15

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
100	77	49	21	15

2.5.4 | **Status of automation of Examination division along with approved Examination Manual**

Answer before DVV Verification : 100% automation of entire division & implementation of Examination Management System (EMS)

Answer After DVV Verification: 100% automation of entire division & implementation of Examination Management System (EMS)

3.1.3 | **Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.**

    3.1.3.1. **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	2	3	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	2	3	3

3.1.4

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

3.1.4.1. **The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1	24	24	14	2

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1	13	13	13	2

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 last five years (INR in Lakhs).

3.2.1.1. **Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	22.8	0	25

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	8.40	7.20	7.20	25

3.2.2

Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

3.2.2.1. **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

| 371.12 | 5.94 | 0 | 746 | 0 |

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
50	6	1003	758	0

3.3.2 — **Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
33	20	12	16	30

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
33	20	12	16	28

3.3.3 — **Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
7	3	3	2	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
8	3	3	0	0

3.4.1 — **The Institution ensures implementation of its stated Code of Ethics for research through the following:**

1. Inclusion of research ethics in the research methodology course work

2. Presence of Ethics committee

3. Plagiarism check through software

4. Research Advisory Committee

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: B. 3 of the above

3.4.3	**Number of Patents published / awarded during the last five years.** 3.4.3.1. **Total number of Patents published / awarded year-wise during the last five years.** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	3	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	3	0	0

3.4.5	**Number of research papers per teachers in the Journals notified on UGC website during the last five years** 3.4.5.1. **Number of research papers in the Journals notified on UGC website during the last five years.** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
60	67	46	26	98

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
45	62	23	34	66

3.4.6	**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years** 3.4.6.1. **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
64	42	39	35	14

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
52	31	24	23	9

	Remark : Revised input excluding 2022 books and chapter publication
3.4.7	**E-content is developed by teachers :** 1. **For e-PG-Pathshala** 2. **For CEC (Under Graduate)** 3. **For SWAYAM** 4. **For other MOOCs platform** 5. **Any other Government Initiatives** 6. **For Institutional LMS** Answer before DVV Verification : C. Any 3 of the above Answer After DVV Verification: D. Any 2 of the above
3.5.2	**Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).** 3.5.2.1. **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).** Answer before DVV Verification: table1 Answer After DVV Verification : table2
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 last five years** 3.6.2.1. **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.** Answer before DVV Verification: table3 Answer After DVV Verification : table4
3.6.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

table1:

2021-22	2020-21	2019-20	2018-19	2017-18
9.13	38.86	10.25	16.52	59

table2:

2021-22	2020-21	2019-20	2018-19	2017-18
7.95	31.606	18.815	25.62	63.26

table3:

2021-22	2020-21	2019-20	2018-19	2017-18
2	2	15	3	2

table4:

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	3	2

3.6.3.1. Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
26	35	22	25	23

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
21	13	12	20	18

3.6.4	**Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years**

3.6.4.1. Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1340	1512	1650	1404	1251

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
939	496	893	952	847

3.7.1	**Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per 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 year-wise during the last five years.

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4	7	6	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
4	8	4	0	0

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 last five years.**

3.7.2.1. **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 year-wise during the last five years.**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
5	0	1	1	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
4	0	1	1	3

4.1.4	**Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)**

4.1.4.1. **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
610.79462	289.99873	518.37413	908.60203	263.76287

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
338.3	289.99873	518.37413	908.60203	263.76287

Remark : DVV input as per attached supporting documents by HEI

4.4.1	**Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
132.83413	35.99500	270.73130	173.22682	58.13049

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18

291.5	278.9	270.73130	173.22682	58.13049

Remark : Revised input as per attached supporting documents

5.1.2	**Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.** 5.1.2.1. **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years** Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
516	774	669	420	112 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
516	774	669	420	112	
---	---
5.1.3	**Following Capacity development and skills enhancement activities are organised for improving students capability** **1. Soft skills** **2. Language and communication skills** **3. Life skills (Yoga, physical fitness, health and hygiene)** **4. Awareness of trends in technology** Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: B. 3 of the above
5.2.2	**Average percentage of placement of outgoing students during the last five years** 5.2.2.1. **Number of outgoing students placed year - wise during the last five years.** Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
108	114	118	61	21 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
108	103	86	55	15	

5.2.3	**Percentage of student progression to higher education (previous graduating batch).**
	5.2.3.1. **Number of outgoing student progressing to higher education.** Answer before DVV Verification : 32 Answer after DVV Verification: 30

5.3.3	**Average number of sports and cultural events / competitions organised by the institution per year**
	5.3.3.1. **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
63	0	64	43	50

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
26	0	28	27	20

5.4.2	**Alumni contribution during the last five years (INR in Lakhs)** Answer before DVV Verification : D. 5 Lakhs - 20 Lakhs Answer After DVV Verification: E. <5 Lakhs Remark : DVV input as per data attached by HEI

6.3.2	**Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.** 6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years** Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
31	12	42	28	09

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
29	11	32	15	4

6.3.3	**Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.** 6.3.3.1. **Total number of professional development /administrative training Programmes**

organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
58	01	56	20	01

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
46	01	56	20	01

6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**

6.3.4.1. **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
46	44	15	11	18

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
35	35	14	9	14

6.5.2	**Institution has adopted the following for Quality assurance**

1. Academic Administrative Audit (AAA) and follow up action taken

2.Confernces, Seminars, Workshops on quality conducted

3. Collaborative quality initiatives with other institution(s)

4.Orientation programme on quality issues for teachers and students

5. Participation in NIRF

6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Answer before DVV Verification : B. 4 of the above
Answer After DVV Verification: C. 3 of the above

7.1.2	**The Institution has facilities for alternate sources of energy and energy conservation**

measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Answer before DVV Verification : B. 3 of the above
Answer After DVV Verification: C. 2 of the above

7.1.7	**The Institution has disabled-friendly, barrier free environment**
	1. **Built environment with ramps/lifts for easy access to classrooms.**
	2. **Divyangjan friendly washrooms**
	3. **Signage including tactile path, lights, display boards and signposts**
	4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
	5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**
	Answer before DVV Verification : A. Any 4 or all of the above
	Answer After DVV Verification: B. 3 of the above
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.**
	1. **The Code of Conduct is displayed on the website**
	2. **There is a committee to monitor adherence to the Code of Conduct**
	3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
	4. **Annual awareness programmes on Code of Conduct are organized**
	Answer before DVV Verification : B. 3 of the above
	Answer After DVV Verification: C. 2 of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
15	15	15	15	15

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
16	16	16	16	16

2.1	**Number of students year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2258	2389	2294	2642	2641

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2258	2389	2263	2614	2620

3.2	**Number of full time teachers year-wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
122	118	120	131	120

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
122	118	96	96	96

4.1	**Number of eligible applications received for admissions to all the programs year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
390	428	460	544	616

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
390	429	455	544	619

4.2	**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
290	299	391	333	333

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
306	306	306	333	333

4.3	**Total number of classrooms and seminar halls** Answer before DVV Verification : 27 Answer after DVV Verification : 27
4.4	**Total number of computers in the campus for academic purpose** Answer before DVV Verification : 406 Answer after DVV Verification : 203
4.5	**Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

4.5 Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
743.62875	569.83373	789.10543	1081.82885	321.89336

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
529.8	569.83373	789.10543	1081.82885	321.89336

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