



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE
Name of the head of the Institution		VEDALA RAMA SASTRY
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02140-275101
Mobile no.		8329737039
Registered Email		registrar@dbatu.ac.in
Alternate Email		vc@dbatu.ac.in
Address		Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad- 402103
City/Town		Lonere Raigad
State/UT		Maharashtra
Pincode		402103

2. Institutional Status																			
University	State																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	state																		
Name of the IQAC co-ordinator/Director	Dr. L.N. Singh																		
Phone no/Alternate Phone no.	02140275142																		
Mobile no.	8087369025																		
Registered Email	registrar@dbatu.ac.in																		
Alternate Email	lnsingh@dbatu.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://dbatu.ac.in/																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://dbatu.ac.in/																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.35</td> <td>2015</td> <td>03-Mar-2015</td> <td>02-Mar-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.35	2015	03-Mar-2015	02-Mar-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.35	2015	03-Mar-2015	02-Mar-2020														
6. Date of Establishment of IQAC	21-Oct-2011																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries															
No Data Entered/Not Applicable!!!																			
No Files Uploaded !!!																			

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

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Feedback from all stakeholders collected, analysed and used for improvements

Revision of curriculum

Infrastructure Development

Development of Incubation Centre

Promoting Research and Development

No Files Uploaded !!!

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

Plan of Action	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>IQAC</td> <td>03-Feb-2018</td> </tr> </table>		Name of Statutory Body	Meeting Date	IQAC	03-Feb-2018
Name of Statutory Body	Meeting Date				
IQAC	03-Feb-2018				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2018				
Date of Submission	31-Dec-2018				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Yes, University does have Management Information System				

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	Nil	First year EXTC	14/01/2019
BTech	Nil	Second year EXTC	15/01/2019
BTech	Nil	Final year EXTC	30/05/2019
No file uploaded.			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	EXTC	01/07/2018	BTES211P Field Training/ Internship/Indu strial Training Evaluation	01/07/2018
BTech	EXTC	01/07/2018	BTHML411 Soft- Skill Development	01/07/2018
BTech	EXTC	01/07/2018	BTEXF412 Field Training/	01/07/2018

			Internship/Industrial Training (Minimum 4 weeks which can be completed partially in third semester or fourth semester or in at one time	
BTech	EXTC	01/07/2018	BTETF611 Field Training/ Internship/Industrial Training	24/06/2018
BTech	IT	01/07/2018	BTHM302-Inter personal Communication Skills and Self Development for Engineers	01/07/2018
BTech	IT	01/07/2018	BTID405- Product Design Engineering	01/07/2018
BTech	IT	01/07/2018	BTITE406C- Development Engineering	01/07/2018
No file uploaded.				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	First Year	01/07/2018
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Mechanical Engineering	Nil
BTech	Electrical Engineering	Nil
BTech	Electronics and Telecommunication Engineering	Nil
BTech	Chemical Engineering	Nil
BTech	Petrochemical Engineering	Nil
BTech	Computer Engineering	Nil
BTech	Information Technology	Nil
BTech	Civil Engineering	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	B. Tech. in Extc Field Training/ Internship/Industrial Training	287
BTech	B. Tech. in Extc Visitor Management System(SNP software solution,Mumbai)	5
BTech	B. Tech. in Chemical Engg. Industrial Training / Exposure	255
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Feedback is taken from all the stakeholders manually. Students are requested to feel online feedback using google form. Then data is collected by faculty members of respective department. Feedback is received on varied aspects of the University including location, office, canteen, laboratory, library, administration and academics. The points are calculated according to the grades given by the students in various criteria. The grades points are given as 5, 4, 3, 2 and 1. The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. Feedback is also collected from the alumnus by each and every department of the college. Suggestions and comments given by the them are also taken into account for future development. The different areas where improvements are required are discussed in respective committees/departments. Strengths of the college are also taken into consideration for further upgradation.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
BTech	Electronics and Telecommunication Engineering	120	Nill	86
BTech	Mechanical Engineering	60	Nill	56
BTech	Civil Engineering	60	Nill	58
BTech	Electrical engineering	60	Nill	54
BTech	Information Technology	60	Nill	56
BTech	Computer Engineering	60	Nill	47
BTech	Chemical Engineering	60	Nill	56
BTech	Petrochemical Engineering	60	Nill	38
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1795	50	Nill	Nill	24

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
120	120	Nill	4	3	Nill

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, each faculty member in every department was assigned with mentorship for 25-30 students. Students were asked to meet mentor at regular intervals for identification, coordination and evaluation of internship in different engineering institutions/ research organisations of repute, industrial training in nearby industries and field training on societal issues with NGO or local bodies. Also, faculty members of every department are allocated as a guide for students for their seminars and projects.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
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1845	120	Nil
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2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
95	52	43	Nil	35

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
No file uploaded.			

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Mtech	Nil	IV	31/07/2019	31/08/2019
Mtech	Nil	II	31/05/2019	15/07/2019
Mtech	Nil	I	22/12/2018	05/02/2019
BTech	Nil	II, IV. VI. VIII	31/05/2019	15/07/2019
BTech	Nil	III, V, VII	14/12/2018	28/01/2019
BTech	Nil	I	22/12/2018	05/02/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
No Data Entered/Not Applicable !!!		

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://dbatu.ac.in/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
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Nil	Nil	Petrochemical	84	68	80.95
Nil	Nil	Chemical	87	75	86.20
Nil	Nil	Comp	82	78	95.11
Nil	BTech	EXTC	163	114	69.93
Nil	BTech	Mechanical	92	75	81.52
Nil	BTech	Electrical	8	74	89.15
Nil	BTech	Civil	82	76	92.68
Nil	BTech	IT	89	74	83.14
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://dbatu.ac.in>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Stipend for P.hd. Students	Nil	TEQIP III
No file uploaded.		

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Pedagogical and Assessment Techniques for Product Design Engineering, Dr.BATU	Mechanical Engineering	25/03/2019

Workshop on PLC and SCADA	Electrical Engineering	01/07/2018
PCB WORKSHOP	Electrical Engineering	06/03/2019
Android Training Workshop	IT	18/12/2018
One day Awareness workshop on Incubation, Starts-up	Nil	05/10/2018
Seminar on Art of Driving Advances in Automobiles	Nil	08/09/2018
Seminar on "Commercial Automotive Powertrains - Design, Analysis and Safety	Nil	29/09/2018
Workshop on Confidential Communication	Nil	15/10/2018

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	i2E	RUSA	Nil	Nil	Nil
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Electronics and Telecommunication Engineering	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	EXTC Engineering	15	Nil
National	Electrical Engineering	2	Nil
International	Electrical Engineering	9	Nil
No file uploaded.			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
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Computer Engineering	3
Mechanical Engineering	3
Chemical Engineering	1
No file uploaded.	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Comparison of Multiple Attribute Decision-Making Methods–TOPSIS and PROMETHEE for Distribution Systems	SG Kamble, K Vadirajacharya, UV Patil	Springer Journal, Computing, Communication and Signal Processing, 669-680	2019	Nil	Dr. Babasaheb Ambedkar Technological University, Lonere	Nil
Battery Life Enhancement in a Hybrid Electrical Energy Storage System Using a Multi-Source Inverter	Y Mahadik, K Vadirajacharya	World Electric Vehicle Journal 10 (2), 17	2019	Nil	Dr. Babasaheb Ambedkar Technological University, Lonere	Nil
Decision Making in Power Distribution System Configuration by Blended Biased and Unbiased Weightage Method	SG Kamble, K Vadirajacharya, UV Patil	Journal of Sensor and Actuator Networks 8 (2), 20, 2019	2019	Nil	Dr. Babasaheb Ambedkar Technological University, Lonere	Nil
Performance Verification	V Marne, K Vadiraja	Springer Journal	2019	Nil	Dr. Babasaheb	Nil

cation of DC-DC Boost Converter	charya	Computing, Communication and Signal Processing, 661-667, 2019			Ambedkar Technological University, Lonere	
"Surveillance Drone",	Miss Aipta Anil Pawar, Dr. Sanjay L. Nalbalwar, Dr. Shankar B. Deosarkar, Dr. Sachin Singh,	International Research Journal of Engineering and Technology, Vol. 6, Issue 7, pp. 1466-1469,	2019	Nil	Dr. Babasaheb Ambedkar Technological University, Lonere	Nil
"Smart Shoes: Working Towards A Better Future",	Ms. Rutuja Anil Shinde, Dr. S. L. Nalbalwar, Dr. Sachin Singh,	International Journal of Engineering and Technology (IJERT), Vol. 8, Issue 7,	2019	Nil	Dr. Babasaheb Ambedkar Technological University, Lonere	Nil
"Triangular Waveguide fed slot antenna	Shraddha J. Salve, J. K. Prajapati, S. S. Kakatkar, S. L. Nalbalwar,	International Journal of Advanced Research in Computer and Communication Engineering, Volume-8, Issue 5	2019	Nil	Dr. Babasaheb Ambedkar Technological University, Lonere	Nil
"Patient Healthcare System using IOT",	Pratiksha P. Dolas, Dr. S. L. Nalbalwar, Dr. S. B. Deosarkar, Sachin Singh,	International Research Journal of Engineering and Technology, Vol. 6, Issue 7,	2019	Nil	Dr. Babasaheb Ambedkar Technological University, Lonere	Nil
View File						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication

No Data Entered/Not Applicable !!!

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	6	26	Nil
Presented papers	18	8	Nil	Nil
Resource persons	Nil	2	Nil	Nil

No file uploaded.

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electrical Engineering (Dr. K. Vadirajacharya and Prof. M. F. A. R. Satarkarr)	Third party inspection of 100 kVA transformer and 22 kV HT line erection	Town Municipality Murud Janjira	27610

No file uploaded.

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				

No file uploaded.

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Camp	NSS	Nil	230
National Yoga Day	Nil	Nil	300
Annual NCC Camp	NCC	Nil	50

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			

No file uploaded.

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	NSS	Nil	Nil	40
No file uploaded.				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Project Work	4 weeks Internship	ICT, Matunga	01/06/2019	28/06/2019	Omkar Ghosalkar Sneha Naik Dipali Ubhare Nikhil Metkari Shalinoi Wadhwal Vasanti Jambare Vyanktesh Deshmukh
Project Work	Visitor Management System	SNP Software, Mumbai	01/08/2018	01/04/2019	Ganesh Ghodke, Abhishek Pawar, Rushikesh Shirure, Rushikesh Shetye, Tale Shubham
No file uploaded.					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
National	13/06/2018	The NIELIT has	Nil

Institute of Electronics and Information Technology, Aurangabad		agreed to provide training programmes ranging from 6 weeks to 6 months duration to students of DBATU and its affiliated colleges. This MoU will provide us an opportunity to meet industrial requirement and also provides exposure to acqu	
Alicon Cast Alloy	Nill	Industrial Project and Research02	2
MNGL Pune	Nill	Project:Energy conservation at MNGL Pune	Nill
BARC	Nill	Project: Design and Simulation of 12 pulse converter for industrial application	Nill
MSEB	Nill	Project: Automatic SCADA Controlled Smart AB switch	Nill
Galaxy Electronics Mumbai	Nill	Project: Performance improvement of UPS	Nill
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
8.45	Nill

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar Halls	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Video Centre	Newly Added
Video Centre	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Opac	Partially	Nil	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
e-Journals	8	2149775	30	369739	38	2519514
Text Books	96700	Nil	Nil	Nil	96700	Nil
Reference Books	6356	Nil	224	Nil	6580	Nil
Journals	99	Nil	284	Nil	383	Nil
Digital Database	Nil	Nil	3	Nil	3	Nil
Library Automation	24	Nil	Nil	Nil	24	Nil
CD & Video	508	Nil	Nil	Nil	508	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	437	16	0	3	53	31	323	100	0
Added	0	0	0	0	0	0	0	0	0
Total	437	16	0	3	53	31	323	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and
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recording facility

No Data Entered/Not Applicable !!!

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Nil	1351017	Nil	Nil

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Nil

<https://dbatu.ac.in/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	GOI Scholarship	Nil	Nil
b) International	POSCO Fellowship	10	300000
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	GATE lectures	100	Nil	Nil	Nil
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Cipla, Technoforce, Lupin Pvt Limited, Deepak Fertilizers, Sequent Scientifics, CN Water System, Laxmi Organics, Zuari Agrochemicals, Rajasthan Transformers, Sequent Scientifics, Torrent Power Generation Bhiwandi, Sudarshan Chemicals	300	30	Hindustan Platinum, Knexir Consultants, Indorama, Cruise Appliances Pvt. Ltd, Bluestar, Kirloskar, Duct ofab Sys. Pvt.. Ltd.,	79	11
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B. Tech.	Mechanical	DBATU, Lonere	Thermal Engineering
No file uploaded.					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	18
GRE	1
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
University Sports 1	Institute	500
Cynosure 2019 1	Institute	250
Vasant Abhiyanta 2019 1	University	150
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Every department of the University have their own student association. Students from third year B. Tech. are selected as members of respective departmental student associations. Every academic event like Seminar, Conference, Symposium, Guest Session and Alumni meet has a systematic manner of involving students at various stages of event. The students are selected by the convenor, trained and work under the supervision of faculty. These Student Associations with the help of faculty members

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

No Data Entered/Not Applicable !!!

5.4.3 – Alumni contribution during the year (in Rupees) :

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

i. Placement process in the University is driven by the participation of members from Career Development Centre (CDC), Faculty and Student Committee on placements. CDC members open up the job profiles. Interaction with the Industry is done by the members of CDC and some of the faculty members who are part of the same. Before opening the job profiles all terms and conditions are discussed among the members. ii. Faculty members of various departments have given addition responsibilities related to various aspects of the university.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>Every department in the university regularly conduct BoS Meetings for revision of course structure and syllabus as per the AICTE standards. The main function of the BoS is to frame the curriculum and the contents of individual courses and to identify the electives to be offered. The BoS includes experts from industries, academia and research organizations. While framing the curriculum, the BoS takes into account the feedback from various stakeholders, needs of the industry, profession and society, needs of the research organizations, thrust areas of the country, etc.</p>
Teaching and Learning	<p>Faculty of every department of the University are encouraged to participate in Faculty Development programmes to improve their knowledge and teaching skills that it can benefits students. They are also provided financial support from TEQIP-III to attend those programmes. Also, our University regularly conduct Workshops for students. Nearly every department of the University is equipped with a smart classroom to adopt and encourage e-learning in Teaching and Learning process.</p>
Examination and Evaluation	<p>In every semester Mid-Sem exam and End-Sem exam is conducted by University. University has implemented online evaluation system from evaluation of End Sem examination. Regular home assignments, class tests, tutorials are given to student as a part of continuous assessment process. The students also appear for term end/ internal examination for theory and mock practical examination viva. This prepares them for the semester or final examination as the case may be. The PG students have to present research papers, they also give regular class tests, home assignments, projects as a part of their continuous assessment schedules under Credit Based System.</p>
Research and Development	<p>Development of PG centre and Centre</p>

	of excellence in specified areas. University has established IPR cells and Incubation Centre to promote and support noble ideas
Library, ICT and Physical Infrastructure / Instrumentation	Library has been updated immensely. New journals, magazines, books and online database were procured to establish an academic rigour. Also, there is provision of Book Bank for students in Library in which students can rent books in cheaper prices. Progression is made toward making library process digitalized.
Human Resource Management	High focus on research, overall employee wellness and healthy environment was built. Overall satisfaction among employees is indicative of fairly good practices
Industry Interaction / Collaboration	Every department in the University has good industry institute interaction through the network alumni. As a part of B. Tech. curriculum, it is mandatory for Third year and Final year students to do Industrial Training/ Internship for two weeks to four weeks during summer /winter vacation. Every department regularly signed MoUs with different industries
Admission of Students	First year students are selected on the basis of merit by online CAP rounds conducted by DTE. Admission process is completely online and automated. Admission process and fees payment for subsequent academic years was made completely online.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Tenders and Quotations are uploaded on institute website.
Finance and Accounts	The University has already taken various steps for implementation of E-Governance in Finance Accounts:- <ul style="list-style-type: none"> • On line fee collection from students. • Deposit of fee by cash is prohibited. • On line salary payment. • On line payment of LTA and other reimbursements to staff • On line collection of dues from students other than fees.
Student Admission and Support	DBATU support students in various forms <ul style="list-style-type: none"> • Fees payment is made online • University support student to avail different scholarships and fellowship.
Examination	The University has already taken

various steps for implementation of E-Governance in Examination: • Online declaration of results. • Online collection of examination fees from students. • Application for revaluation is made online. • Photocopy of answer sheet made online on the personal login for the students who had applied for the same • Evaluation of End Semester exam has been made online.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	Dr. K.Vadirayacharya	Seminar on Renewable Energy Sources for sustainable Development	Nill	Nill
Nill	Yogesh Patil	Workshop on examination reforms	Nill	Nill
Nill	Dr.S.M.Jadhav	One week Hands on training on Internet of Things	Nill	Nill
Nill	Dr.S.L.Nalbalwar	Workshop on under water domain awareness	Nill	Nill
Nill	Prafulli Mahakal	Research Conception, Techniques and Publication	Nill	Nill
Nill	Dr. N. Agrawal	UGC Training of Trainers Workshop, IISER Pune	Nill	Nill
Nill	Dr. H. S. Joshi	Pedagogical and Assessment Techniques for Product Design Engineering, Dr.BATU	Nill	Nill
Nill	Suvarna Dhongade	Research Conception, Techniques and Publication	Nill	Nill
Nill	Dr. D. B. Waghmare	Research Methodology for	Nill	Nill

		Engineering and Management Research, VJTI		
Nil	Dr.R.P.Kate	TCS-Pan IIT Conclave, IIT Delhi,	Nil	Nil
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Third FDP on Product Design Engineering At Solapur	Nil	25/10/2018	29/10/2018	52	Nil
2018	First Faculty Development Programme On Product Design Engineering at DBATU program on Software Architecture	Nil	28/09/2018	02/10/2018	34	Nil
2018	One week Faculty Development Programme (FDP) on "Synergogy : An Innovative Model for Knowledge Creation"	Nil	01/08/2018	05/08/2018	30	Nil
2018	One week faculty development program on "RF system design for pervasive healthcare system"	Nil	12/11/2018	17/11/2018	35	Nil

2018	Second FDP on Product Design Engineering - Computer At Aurangabad	Nil	12/10/2018	16/10/2018	48	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
52	68	74	66

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
QIP, Workshops, Seminars, FDP	Workshop, Seminars	Workshop, Seminars, Conferences

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

No Data Entered/Not Applicable !!!

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
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6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	IQAC
Administrative	No	Nil	Yes	IQAC

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if

applicable)

No Data Entered/Not Applicable !!!

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

i. Feedback on regular basis ii. Supporting the University vision and mission

6.5.4 – Development programmes for support staff (at least three)

i. Annual Staff training needs identified and training conducted. ii. Support Staff is part of all academic and non-academic activities. iii. Regular Staff meetings to address their need and upgrade their skills are conducted

6.5.5 – Post Accreditation initiative(s) (mention at least three)

No Data Entered/Not Applicable !!!

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Development of Incubation Centre: Innovation, Incubation and Enterprise Centre (i2E)	Nil	Nil	Nil	Nil
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
No Data Entered/Not Applicable !!!				

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

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7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
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Ramp/Rails	Yes	Nil
Scribes for examination	Yes	Nil
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

<ul style="list-style-type: none"> • Tree plantation • Water harvesting • Programmes to spread awareness about environment • Encouraging students to take project aimed at conservation • Conservation of flora and fauna around campus
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7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

<p>i. Various department of the university frequently organise workshops, guest lectures, expert talks for benefits of students. ii. This year university had organised two international conferences named "Under Twinning International Conference on Computing in Engineering and Technology (ICCET)-2019" and "3rd International Conference on Computing, Communication and signal Processing" for faculty for promoting research amongst the faculty.</p>
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<p>Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link</p> <p style="text-align: center;">https://dbatu.ac.in</p>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

<p>On the basis of NAAC recommendation, University has initiated job driven courses and increased industry engagement with students. Also, University has established incubation centre named 'Idea, Innovation and Enterprise'. The main objective of the centre is to financially support students from university campus as well as affiliated colleges who has noble ideas for start-ups</p>
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Provide the weblink of the institution

<https://dbatu.ac.in>

8.Future Plans of Actions for Next Academic Year

Being the only Technical University in the state of Maharashtra, Dr. Babasaheb Ambedkar Technological University will be focusing on following points for next and subsequent academic years to come i. To improve journal publications ii. To send research proposals iii. To develop and improve research culture in the University iv. Encouraging students for higher studies v. Attracting more students for PG and research from all over the nation. vi. As academic research can contribute to the betterment of the society and nation, University want to develop research plan for upcoming years.