



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		MAHARASHTRA INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Prof. Dr. Santosh Bhosle
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02402375222
Mobile no.		9822768246
Registered Email		principal.mitt@mit.asia
Alternate Email		santosh.bhosle@mit.asia
Address		Satara Parisar, Beed Bypass
City/Town		Aurangabad
State/UT		Maharashtra
Pincode		431010
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. Prashant Ambad
Phone no/Alternate Phone no.	02402375233
Mobile no.	9422708028
Registered Email	prashant.ambad@mit.asia
Alternate Email	pmambad@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://btech.mit.asia/files/btech/quicklinks/AQAR2017-18.pdf">https://btech.mit.asia/files/btech/quicklinks/AQAR2017-18.pdf</a>
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### 4. Whether Academic Calendar prepared during the year

if yes,whether it is uploaded in the institutional website: Weblink :	Yes  <a href="http://mit.asia/btechwebsite/demo/wp-content/uploads/2020/01/2018-19p1p2.pdf">http://mit.asia/btechwebsite/demo/wp-content/uploads/2020/01/2018-19p1p2.pdf</a>
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### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	A	3.07	2017	30-Oct-2017	29-Oct-2022

### 6. Date of Establishment of IQAC

09-Jan-2017
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### 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
Intellectual Property Rights & Opportunities for Funded Research	05-Jan-2019 2	50

Outcome based education and NBA Process	09-Jul-2018 6	50
One day workshop on Revised NAAC Guidelines	27-Jun-2019 1	150
<a href="#">View File</a>		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. Prashant Ambad	Unnat Maharashtra Abhiyan	Tribal Department, Government of Maharashtra	2019 1095	4000000
Dr. M.N. Mangulkar and Dr. B.G. Toksha	University fund	Dr. BAMU Aurangabad	2018 365	35000
Dr. A. Chatarjee And Dr. Shubendu Bhandari	Nano Mission	DST	2018 730	7398200
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**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 :**

2

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**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)**

1. Encouraging faculty and students for participating in NPTEL exam 2. Introducing Audit Course and Open electives 3. To Promote/ create awareness about social issues among the stake holders (UMA and UBA) 4. Making arrangement for sending important notifications through SMS to all the stakeholders of the college regularly. Important notifications are also displayed at the entrance of the college through digital display. 5. Outlook Survey participation and Ranked

87 among top 100 institutions listed in outlook survey.

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**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
Encouraging faculty and Students for MOOC, NPTEL courses	More number of faculty members and students have participated in courses.
Introduction of online registration process for Open Elective and Audit Courses.	To speed up the registration process and to allocate the appropriate course choices of the student
Organization of Work shop and seminars on Outcome based education, IPR, etc	Implemented the Outcome based education system in better way.
Intimation of yearly schedule of the college to the teaching & non-teaching staff and students of the college at the beginning of the year through distribution of academic calendar.	Timely intimation of academic activities to staff and students
Sending important notifications to all stakeholders of the college through SMS. Important notifications are also displayed at different locations of both the campuses of the college through digital display.	Timely intimation of important notification to all stake holders
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**14. Whether AQAR was placed before statutory body ?**

No

**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

2019

Date of Submission

22-Feb-2019

**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)

JUNO Campus: Cloud Based ERP for College The educational enterprise resource planning (ERP) software JUNO campus is a well recognized Webbased

College / Institute ERP. JUNO Campus ERP has 25 pro modules and 30 inbuilt modules. The College ERP helps to keep track of all daily activity and related people. Also, helps to generate ID Card, Certificate, reports for analysis and business decision, and more.

Following Modules are implemented: • Admission Admissions module effectively manages admission. • Salary This module takes care of all salary components including grade pay, basic, HRA, gross pay, arrears, deductions, arrears, savings, salary slips, pay roll etc. • Attendance Management Attendance is a wholesome module that integrates and automates various attendance keeping methods including muster, attendance entry, loginbased, biometric based, bar codes scanning attendance and others. • Academics This module takes care of everything that is central to learning, education, and teaching. • Scholarship/Sponsorship Management Scholarship management activities. • Purchase Purchase module automates vendor management, letter of intent, quotation, purchase order, invoicing, delivery challan generation, bill payments, receipts making, reporting and other related activities. • Inventory Inventory module automates movement of items, procurement management, stock management, distribution, inventory control, reordering, EOQ, reporting, and more. • Transport Managing transport can be complicated without a system in place. This module includes fleet management, vehicle driver allocation, route management, document renewal, trip management, maintenance spare parts management, stocking, tracking, finance support, logistics, reporting and other related functions. • Infrastructure This module maps all physical infrastructures and automates its allocation, utilization, booking etc. thereby ensuring effective utilization, reduced downtime and ease of access. • Hostel Module takes care of hostel functioning, dormitory allotment, permanent/temporary allotment, nightout applications, grievance management, mess/canteen management, billing, accounting, reporting and more. • Finance JUNO Finance module offers Accounts Payable, Accounts Receivable

and Expense Management in an integrated manner across the organization and sets up approval chains vertically and horizontally as per the specific business requirement. • Examination The Exam module manages examrelated tasks at various levels. • Library This module takes care of books/journals/CDs/DVDs/magazines management, membership management, catalog management, Online Public Access Control (OPAC), Book Bank Management, transactions, digitization, auditing, reporting and other library functions. • Training Placement etc. Placements module effectively manages the entire campus placement process. It takes care of job postings, walkins, registration of eligible students, placement event handling, career guidance, prescreening, testing and many more. • Student Profile • Campus Placements • Teaching Its a wellintegrated module that empowers every faculty with powerful tools that help them efficiently manage their work. These tools include academic calendar, planning, scheduling, course file, mentoring, practical's, projects, timetable and many more. • Research This module takes care of research projects, publications, conferences, journals, patents, copyrights, Ph.D. preparation and more. As the system is in deployment stage only following modules are operational: Admission, Academics, Scholarship, Purchase, Inventory, Account, Library, Transportation, Hostel, Teaching, Infrastructure. Remaining modules will be activated in days to come.

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Curriculum delivery is a strategy by which a curriculum enables students to achieve their learning goals. The processes involved in curriculum delivery are teaching, learning support, advice, guidance, interaction, mentorship, participative and collaborative learning. The curriculum used in our institute is designed by Dr. B.A.M.U. Aurangabad. The teachers are actively involved in curriculum design through members of Boards of Studies and syllabus committees along with participation of syllabus revision workshops. It is designed and delivered in line with graduate attributes The college has designed its policy

and procedures to implement University curriculum for student learning. The department provides different learning methods that suits learning abilities. The elective and open electives ensure that learners are provided with a curriculum of study which best fulfils their current, and future needs. Accurate and sufficient assessment records are kept which helps in planning of delivery and reporting of progress to learners as well as other stakeholders. Curriculum Delivery Strategies: The department has a coherent, sequenced plan for curriculum delivery that ensures consistent teaching, learning and assessment procedures which has a clear reference for monitoring learning across the year levels. 1.Academic Planning: • Departmental Meetings • Time Table • Pre academic Audit 2.Teaching Approaches: • Lecture methods- The faculty members are encouraged to use ICT for effective teaching & FDP on ICT Training is provided for development of ICT teaching materials • Participative learning- ? Seminars are arranged for the students ? Guest lectures from eminent personalities on different topics of curriculum are arranged • Cooperative learning- ? Laboratory or experiment assignments as group activities ? Mini project is assigned to group of students to promote self learning ? Project competitions are conducted • Experiential Learning and Field Work- ? Industrial training is included in curriculum ? Activities such as workshops are conducted ? Industrial visits which enable students to relate the theoretical knowledge with its practical application are organized Support to the Students by the Department: • To develop the communicative skills/technical skills aptitude tests, Group discussions are conducted • Smart class rooms with projectors • Well-equipped laboratories • Access to Virtual laboratories 2. Mentorship: • Teacher Guardian Scheme is conducted for learning support, advice and guidance for students. • Class Teachers are assigned to each class to monitor student's academics and solve their problems. Documentation of Assessment and Evaluation Strategy: Student assessment and evaluation are an integral part of curriculum development and delivery. Internal assessment is set according to course outcomes and programme outcomes which is carried out through class tests, assignments, tutorials, term end examinations, seminar or observation of students engaged in activities. internal assessment tests and orals are conducted by the teachers regularly .These tests are analysed and a detailed report is prepared and on the basis of this evaluation on the basis of which internal marks are assigned to the students.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
<b>No Data Entered/Not Applicable !!!</b>					

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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#### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Agricultural Engineering	09/07/2018
BTech	Civil Engineering	09/07/2018

BTech	Computer Science and Engineering	09/07/2018
BTech	Electronics and Telecommunication Engineering	09/07/2018
BTech	Mechanical Engineering	09/07/2018
BTech	Plastic and Polymer Engineering	09/07/2018
BTech	Electrical Engineering	09/07/2018

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	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
Introduction to Hadoop and big data	10/09/2018	11
Red Hat Certification	14/07/2018	35
40 Hrs Training Session on CRACKERS	22/03/2019	35
Employability and soft skill Training Program by Mahindra-Naandi	06/08/2018	110
Drone Training	06/08/2018	57
Industry 4.0	02/02/2019	39
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### 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 (Agricultural Engg), B.Tech(Civil Engg), B.Tech(Computer Science & Engg), B.Tech(Electrical Engg), B.Tech(Electronics and Telecommunication Engg), B.Tech(Mechanical Engg), B.Tech(Plastic & Polymer Engg)	777
BTech	B. Tech. (Electrical Engineering)	3
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## 1.4 – Feedback System

### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
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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**

The feedback system is implemented both online and offline mode (as per requirement) for facilitation and efficacy of the feedback process. The student feedback is collected online and analyzed to determine the performance and necessary improvement (if required) for the course co-ordinator. A mid-semester course survey is followed by a course end survey. At the end of the course, a program exit survey is conducted. Both course end and program end survey are aimed at improving the curriculum, teaching methodologies, teaching learning process, infrastructure and facilities. A sample process (student feedback) is given as under:

- Step 1: Online collection of feedback forms for all the subjects from the students based on parameters specified in questionnaire.
- Step 2: Generation of report automatically based on the formula.
- Step 3: The consolidated report containing grade is evaluated by the respective Heads of the department and the information is disseminated to the faculty in the department.
- Step 4: If the faculty receives good performance, he is appreciated by the HOD and corrective actions are taken through HOD for the faculty members who have obtained low grades. Apart from the students, the institute takes feedback from all stakeholders such as teachers, alumni, employers, parents and considers it in enriching the curriculum. which plays a key role in enriching the curriculum to come up with corrective measures which helps to fulfil the needs of technological up gradation. The feedback responses of these stakeholders are presented in front of the head of the department for taking necessary decisions in regards to enriching the curriculum as follows:

1. Alumni feedbacks evaluate the improvements in various aspects like skill enhancements, aptitude building, employability skill up gradation, software literacy, etc. Soft skill development programs are organized through alumni guest lectures.
2. Employer's feedback visualizes the field and market demands on the need of communication skills, leadership and managerial qualities, knowledge on emerging technologies and advanced innovative practices. Employability skills are introduced as one of the subject in the curriculum by the university on the feedback from the industry. Employer survey feedbacks are taken thrice from recruiters during In-Plant training. (VIII semester) As per industry requirement workshops, seminars are conducted for students to bridge the gap between curriculum and industry.
3. Parent feedbacks are collected during every parent meet. Parent feedback helps in organizing trainings related to placement and market needs. This helps to improve the coordination between the students and parents with the college curriculum which assists in their overall personality development through efficient career planning. Mentorship scheme helps to create a continuous interaction with parents.

**CRITERION II – TEACHING- LEARNING AND EVALUATION**

**2.1 – Student Enrolment and Profile**

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
<b>No Data Entered/Not Applicable !!!</b>				
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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	2038	154	153	21	174

## 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	Number of smart classrooms	E-resources and techniques used
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

Teacher Guardian Scheme The institute has a mentoring system i.e Teacher Guardian Scheme. 15-20 students allotted to each faculty. Periodic interaction takes place with the student-mentor in each semester. Efforts are undertaken by the mentor to motivate, guide the students in various areas like study planning, overall curriculum, engineering career placement opportunities, personality development etc. Mentors also help the students in their emotional breakdown, economic and personal difficulties they need. Institute has also appointed a counsellor who helps the students in any special situation which needs to be handled. During first year, institute conducts an induction programme for the students to make them aware of all the institutional regulatory policies. First year induction programme also briefs the student about individual departments, their courses and the academic curriculum. Senior students of each department also organizes a fresher event to the newly admitted students to welcome them to know the institute culture, immensely rebuild their academic and emotional barrier and feel a friendly atmosphere with their seniors.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2038	174	1:12

## 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
135	174	Nil	20	36

### 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
<b>No Data Entered/Not Applicable !!!</b>			
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## 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
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No Data Entered/Not Applicable !!!

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal evaluation is done through Practical, Teachers Assessment, unit tests, tutorial and assignment for theory and practical courses. Mock examinations or reviews are conducted in a semester to evaluate students' performance in Term work, practical's, Seminar, Project etc. At the commencement of Semester committee decides schedule for conduction of two unit tests as per academic calendar. Unit test is conducted at the same time for all classes on similar portion. The course coordinator in coordination with other course teacher set the unit test paper. The assessment will be done by respective course teachers. The course outcome attainment of internal assessment will be calculated based on the results of the unit test. As per the academic calendar all the practical/Term work coordinators prepares schedule for Laboratory assignment and mock practical exams. During continuous assessment teacher assess student on the basis of regularity, punctuality, conceptual knowledge, programming skills (way of execution), oral written communication skills for each assignment, Practical, Seminar, and Project etc. Institute level process is defined for Continuous Internal evaluation and term work calculation. Course file and project diary are maintained for Practical, Teachers Assessment, unit tests, tutorial and projects , seminar for Continuous evaluations respectively.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Before the commencement of new academic year, academic calendar is prepared for institute inline with University academic calendar. Based on Semester commencement/end, University theory and practical examinations and holidays, the various Co-Curricular extracurricular events and academic activity, audit are planned in institute academic calendar. All the heads/Sectional in charges proposed their activities, budget action plan to Principal. All the departments prepare and plan academic activities such as Unit tests, class tests, mock online tests, project/seminar activities, workshop/seminar/guest lectures, and submission schedule inline with the institute academic calendar. The students are also informed in advance about curriculum and academic calendar. After end of semester audit is conducted by AAA committee and compliance report is generated for academic and necessary actions will be taken.

## 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://btech.mit.asia/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the	Number of students passed in final year	Pass Percentage
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			final year examination	examination	
<b>No Data Entered/Not Applicable !!!</b>					
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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)

<http://mit.asia/btechwebsite/demo/wp-content/uploads/2020/01/SSS-for-AOAR-Overall-Performance-Analysis-Sheet-AY-2018-2019.xlsx>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – 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
Major Projects	1095	Nanomission, DST New Delhi, Govt. Of India Project	73.92	61.55
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### 3.2 – Innovation Ecosystem

3.2.1 – 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
Intellectual Property Rights Opportunities for Funded Research	Industry Institute Partnership Cell	05/01/2018
Web Based Training	Electronics and Telecommunications	04/10/2018
Planning the Career	Institutions Innovation Council	19/01/2019
Half Day Workshop on Cognitive Skills, Design Thinking and Critical Thinking	Institutions Innovation Council	30/11/2018
India First Leadership Talk Series	Institutions Innovation Council	08/01/2019
Facebook Live Session by Central Expert for Workshop in IPR	Institutions Innovation Council	10/01/2019
From elephants to United Nations: Journey of an Entrepreneur	Institutions Innovation Council	05/10/2018

3.2.2 – 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
<b>No Data Entered/Not Applicable !!!</b>				

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3.2.3 – 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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">No file uploaded.</a>					

**3.3 – Research Publications and Awards**

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
<a href="#">Mechanical Engineering</a>	Nil
<a href="#">Electronics and Telecommunications Engineering</a>	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
<b>No Data Entered/Not Applicable !!!</b>			
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
<a href="#">Agricultural Engineering</a>	3
<a href="#">Electronics and Telecommunication</a>	4
<a href="#">Mechanical Engineering</a>	7
<a href="#">Plastic and Polymer Engineering</a>	7
<a href="#">Basic Science and Humanities</a>	1
<a href="#">View File</a>	

3.3.5 – 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
<b>No Data Entered/Not Applicable !!!</b>						
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3.3.6 – 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
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No Data Entered/Not Applicable !!!

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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	24	38	30	8
Resource persons	2	Nil	Nil	Nil

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### 3.4 – Extension Activities

#### 3.4.1 – 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
Learning Driving License Camp	RTO Office	8	100
Blood Donation Camp	Dattaji Bhale Blood Bank	2	15
Tiranga Padyatra	NSS	2	30
National Heritage drive	NSS	2	28
Nirmalya Collection Drive	NSS	2	28
Blood Donation Camp	Dattaji Bhale Blood Bank	2	15
NSS special camp at villege Shevata Tahasil Fulabri, Dist Aurangabad	NSS	3	50

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#### 3.4.2 – 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
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No Data Entered/Not Applicable !!!

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#### 3.4.3 – 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
Unnat Bharat Abhiyan	MIT, Aurangabad	Village Household Baseline Survey	10	100

Social Day activity	MIT	Visit to Vidhya Deep Orphanage, Aurangabad	5	15
National Service Scheme	Dattaji Bhale Blood Bank and NSS unit of Maharashtra Institute of Technology	Blood Donation Camp	2	15
National Service Scheme	National Service Scheme	Tiranga Padyatra	2	30
National Service Scheme	National Service Scheme	National Heritage drive	2	30
National Service Scheme	National Service Scheme and Sayahog Foundation	Nirmalya Collection Drive	2	28
National Service Scheme	National Service Scheme	Blood Donation Camp	2	15
National Service Scheme	Unnat Maharashtra Abhiyan	NSS special camp at villege Shevata Tahasil Fulambri, Dist Aurangabad	3	50
Unnat Maharashtra Abhiyan	Agriculture Department, Government of Maharashtra	Evaluation of Cement Nala Bund under Jal Yukta Shivar Abhiyan for Year 2017-18	5	14
Social Activity	Rashtriya Swayamsevak Sangh and WE-We for Environment	Swachchtecha, Karnapura, Aurangabad	1	20
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### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research by Publication	Dr. A. Chatterjee	Paper publication	365
Research by Publication	Dr. A. Dey	Paper publication	365
Research by Publication	Dr. S. Bhandari	Paper publication	365
<a href="#">View File</a>			

3.5.2 – 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	Name of the	Duration From	Duration To	Participant
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	linkage	partnering institution/ industry /research lab with contact details		
<b>No Data Entered/Not Applicable !!!</b>				
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3.5.3 – 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
Department of CS IT of Dr. B. A.M.U Aurangabad	11/06/2019	To Share their R and D facilities to promote academic and research interaction	60
RUSA-Center for advanced sensor Technology Dr. B. A.M.U. Aurangabad	22/04/2019	To Share their R and D facilities to promote academic and research interaction through practical training at RUSA MIT.	100
CADCAMGURU Solutions Pvt. Ltd., Pune	01/07/2019	Training and placement partnership program. To provide training and expertise on various topics for above mentioned department as per need basis. To provide industrial training to students and staff.	2
Ready Engineers, TATA Technologies, Pune	01/10/2018	To improve the knowledge and industry readiness of engineering students in India. To meet the engineering industry demands for employable engineers and bridge the industry- Institution Gap through direct interventions. To share innovative projects.	2



Shimadzu Asia Pacific	01/06/2019	Instruments maintenance support during various training programmes	1
OS3	11/06/2019	Industry initiated learning in campus, Training of RHCE/RHCSA, After interview selected candidates will be upgrade to learn various open source technologies like open stack cloud, develops, etc.	2
Marathwada Accelerator For Growth and Incubation Council	30/06/2019	Mentoring Support to create ecosystem	50

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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
39197526	34431106

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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 patially)	Version	Year of automation
LMS MIT	Partially	1.0	2013

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	32918	6709207	1054	502301	33972
Reference Books	3380	2680400	118	118000	3498	2798400
Journals	81	72068	12	58069	93	130137
e-Journals	5296	1168185	305	924301	5601	2092486
Digital Database	6880	68700	Nill	Nill	6880	68700
CD & Video	31	14776	Nill	Nill	31	14776
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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
<b>No Data Entered/Not Applicable !!!</b>			
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#### 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	654	22	654	0	1	1	1	1	0
Added	0	0	0	0	0	0	0	0	0
Total	654	22	654	0	1	1	1	1	0

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

1 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 recording facility
<b>No Data Entered/Not Applicable !!!</b>	

#### 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

10.76

9.46

52.39

46.1

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)

**Laboratory:** The institutional laboratories are accessible to the students of respective departments' during the allocated hours as per the time table.

**Library:** The books can be availed from central library by faculty members as well as students. Faculty members can have 10 books at a time as book bank facility. Students can have 4 books per semester as book bank facility. Additionally student can have 1 book per week which student can renew or return at the end of the week. Study cubicles are available in the reading room. A log book is maintained for accessing the reading room. The reading room is accessible 24X7 to the students. A digital library section is also available for online referencing. Students can access to the digital library during 10 am to 8 pm on all working days. Moodle Server: Institutional Moodle Server is set up for creating virtual learning environment for conduct of class tests and collecting feedback. It is for implementing ICT based education. Additionally, faculty members utilize online MOODLE providing web resources to share resources with students, such as PPTs, E-Books, announcements, Audio, Videos, PDF's, Images, useful resource links, etc. • Number of users: All the students on campus 160 faculty members • Many course materials are uploaded every semester on Moodle providing web resources. Vlab nodal centre: Maharashtra Institute of Technology is a nodal centre for development of virtual laboratories in association with Indian Institute of Technology, Bombay. The nodal center hosted a boot camp for virtual labs development from February 6-11. The boot camp was a training and certification programme, attracted participation from various institutes across the Maharashtra state. A total of 26 teams have proposed to develop 26 laboratories. Boot Camp facilitated complete development of at least one experiment in each lab. The aim of the camp was to promote community development and work towards addressing social issues/problems. MIT-CARS: MIT-Centre for Analytical Research Studies. 'MIT-CARS' is the one of the Center of Excellence which is having state-of-art infrastructure. The laboratory can be accessed for Research, Training, testing, extension, consultancy with support of high ended sophisticated instrumentation and technology. Requisition forms and testing fee charge information is available on institute website. MIT-Shimadzu: MIT and Shimadzu have jointly developed a material characterisation Laboratory at MIT, Aurangabad. Sophisticated analytical testing instruments are available to accelerate research activities. Requisition forms and testing fee charge information is available on institute website. CC-lab: The computer center facility is utilized for conducting workshops, seminars, webinars, virtual laboratory development and performing virtual laboratory experiments, conducting recruitment examinations, class tests, feedbacks etc. Requisition forms and testing fee charge information is available on institute website. Sports: Various sports facilities i.e. badminton court, basket ball court, table tennis are available on the campus. Selection notice for the aspirants is issued by Sports director. A schedule is also declared in accordance with university sports events schedule. The expenses like expenses incurred on equipments, travelling allowances and daily allowances are waived by the institute.

<https://btech.mit.asia/>

## 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
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No Data Entered/Not Applicable !!!

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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
40 Hrs Training Session on CRACKERS	22/03/2019	34	Karanam Institute of Leadership and Training, Aurangabad
Employability and soft skill Training Program by Mahindra-Naandi	06/08/2018	112	Mahindra Pride Classroom, Pune
100 Hrs Drone Training	06/10/2018	57	Value Thought IT Solutions , Hyderabad Approved by MSSDS
Employability Enhancement and Youth Livelihood Programme 2019	02/02/2019	17	Mahindra Pride school and Naandi Foundation

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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
2019	Competitive Examinations	300	300	11	3

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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

No Data Entered/Not Applicable !!!

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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
<b>No Data Entered/Not Applicable !!!</b>					
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### 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
<b>GATE</b>	<b>11</b>
<b>Any Other</b>	<b>3</b>
<b>No file uploaded.</b>	

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

Activity	Level	Number of Participants
<b>Gymnastics</b>	<b>University</b>	<b>1</b>
<b>Football</b>	<b>University</b>	<b>1</b>
<b>Annual Social Gathering - Kalavihangam-2019</b>	<b>Institute</b>	<b>100</b>
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
<b>No Data Entered/Not Applicable !!!</b>						
<b>No file uploaded.</b>						

### 5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student's Council is formed every year at Maharashtra Institute of Technology, Aurangabad, as per the guidelines given by Dr. B.A.M. University, Aurangabad and as per Uniform statute no. 7 of 2018 declared by Higher and Technical Education Department. The council consists of student members from First Year to Final year, Civil, Computer Science, Electronics and Telecommunication, Mechanical, Plastic and Polymer and Electrical Engineering departments and Management. The nominations of the students for student's council are taken from National Service Scheme, National Cadet Corps, Sports and cultural activities. The student's Council works as a medium between academic and co-curricular activities carried out in the institute. The student's council plays important role in coordinating curricular and co-curricular events/activities as per the directives given by the Principal and Faculty in-charge of the Student's Council. The student's council motivates and helps students of the institute to take part in the activities conducted at the Institute/University/State/National level. The council communicates the information between students and Teaching faculty. It conducts the special events like Annual Social Gathering-Kalavihangam, Techno-MIT, Social

Activities, Blood donation camps, Tree plantation, Swatcha Bharat Abhiyan, Social Value Education Program "Tarunyabhan" etc. The council coordinates and organizes different Sports cultural competitions throughout the year. Different Industrial Visits are organized for the students of different departments in coordination with student's council. Experts from Industry and society are invited to deliver expert talks on various technical and non technical/ social / cultural issues in consultation with the council. . This helps the students to develop their leadership skills through these activities. Every department of the institute has professional chapters such as Computer Society of India-student's chapter, IEEE- student's chapter, ISHARE- student's chapter etc. The student's council assists and guides these students' chapters from individual departments to organize different technical and non technical activities in their respective departments. The activities are coordinated through student's council such that a department organizing an event can easily get helping hands and necessary support of infrastructure or administration for their event. Management of Maharashtra institute of technology provides necessary support to the council members in organizing coordinating these events Students perform their role in following academic and administrative bodies such as NSS (National Service Scheme), Students Associations of each Department, Cultural Committee, Canteen/Food committee, Discipline Committee, SPIC MACAY, MITRA ( MITs Rangabhumi Aristocrats), Mathematics Club, Students Chapter : Indian Institution of Industrial Engineering, Indian green building council, Indian Plastic Institute, Institution of Electronics and Telecom Engineers

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Institute is having alumni association AAMIT (Alumni Association of MIT) with registration No: Maha/398/04 which was registered in year 2004. The motive of the association is to bring together all the alumni to share their experiences and ideas for the development of curriculum. Also, to extend their helping hand and provide guidance to the budding engineers of the institute. All the passed out students of the college are active members of the Alumni Association. The Alumni members are spread around the globe and support the college in various activities. Alumni meet is held at our College every year.

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Every year alumni meet is organised to connect with alumni, in which alumnus provides feedback, suggestions and advice for the progress of institution.

### 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)

1) Designations of members who have been delegated powers for taking administrative decisions • Principal • Vice-Principal (Administration) • Vice-Principal (Academics) • Head of the Department • Training and Placement Officer • Workshop Superintendent • Librarian Various academic and administrative portfolios of the work are already identified by the institute. The work

allotment is divided into two types such as Work allotment at central level and work allotment at departmental level. Work allotment at central level is carried out by Principal in consultation with all HODs and section in-charges.

In normal course the tenure of the allotment portfolio is for two academic years. The department level work allotment is done by HODs in consultation with all the staff members of the department. In normal course the tenure of the allotment portfolio is for one academic years. Principal office takes regular reviews of various portfolios from time to time so as to ensure smooth functioning of all the academic and administrative activities of the institute.

2. Grievance Redressal Committee For this a separate committee is formed at institute level viz. grievance redressal committee. In addition to this two separate cells are formed for taking care of grievance of employees and grievances of students separately which are as follows: There exist an online mechanism on the official website for the registration of the grievance through separate link <https://btech.mit.asia/redressal.php>. There also exist offline mechanisms wherein employees/students can directly approach to the concerned authorities through the information displayed on flex board installed at the entrance lobby of the institute

1. Employee grievance cell  
2. Student grievance cell

To address problem of the faculty and students a grievance redressal committee is duly constituted as per the directives provided in the approval process handbook of AICTE. Responsibilities: In order to maintain cordial and tension free atmosphere in the premises of the institute, the grievances cell has been established. The grievances committee after suitable investigation will make its recommendations to the concerned authorities of the Institute, to resolve the issues amicably.

3. Participative Management: Teaching staff of the institute are actively engaged in participative management by making various committees like Governing body, IQAC cell, Grievances redressal cell, Anti-ragging committee, examination committee etc. for the smooth functioning of the institute. In each committee formed, the concerned staff committee member works actively in co-ordination with the committee head and if required submits the reports of work done. In Examination Management, the Chief Superintendent allot the tasks to Under study and the whole team members to look after each and every activity of the examination whether its related to question paper, answer sheet related work, student seating arrangement, staff invigilation duties required for smooth functioning of the overall examination. All the assigned teaching and non teaching staff members actively participate and acknowledge their assigned duties as per the office order issued to them by timely reporting and completing the task with proper submission of the report or formats as required.

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	Academic and Administrative Committee Integrated framework for quality assurance of the academic and administrative activities is available in the form of Academic and Administrative Audit conducted by Academic and Administrative Audit committee of the institute. Roles • To conduct audit of all the departmental processes including course file, practical file, departmental

portfolios, laboratory manuals, etc. is conducted through internal auditors as appointed through the Academic and Administrative Audit Committee. • Submission audit report send to respective head of department and principal • Corrective measures are suggested and discussed in consultation with head of department and Principal with concern faculty.

Teaching and Learning

- Implementation of outcome based teaching and learning methodology. • Recruitment of well qualified and experienced staff as per AICTE norms. • Sponsorship to faculty for higher studies and faculty development programmes. • Use of modern teaching aids like LCD projectors and interactive boards in the class rooms. • Continuous evaluation system for students. • Introduction of various professional programs in collaboration with global institutions of repute. • Emphasis on imparting skills through laboratory experiments and industrial visits/ training/ tours and various skill development programmes.

Examination and Evaluation

Examination and Evaluation:  
 Departments conduct the oral or examination of the students at the time of submissions of term work. Online and offline test are conducted along with end semester examination. External examiner is invited for assessment of project/dissertation work even if not prescribed by university. Evaluation of teaching learning quality: Institute conducts test, oral and analysis of the university examination result is done.  
 Internal evaluation process is automated for online class test and student can see the result immediately. Remedial classes for improvement and continuous evaluation of seminars, projects are carried out.

Research and Development

Institute has university approved research centre. It also has various research facilities to motivate, encourage and facilitate faculty and students for research. There is a research committee in the institute. The aim of the research committee is to create a conducive environment for promotion of research and innovation activities in the institute.  
 Responsibilities • To encourage faculty and students to inculcate and promote



research culture. • To encourage faculty members to apply for research projects to various funding agencies • To promote collaborative research • To strengthen industry institute interaction by promoting consultancy and industry based projects.

Library, ICT and Physical Infrastructure / Instrumentation

The library has good collection of books, journals of science, engineering, technology, humanities, social sciences and management. It maintains separate collections of text books, reference books, Compact Discs and DVDs. The library is using ERP (Juno System Software) OPAC (Online Public Access Catalogue), wherein the users can search the availability of books on the computer systems available in the library. Electronic Resource Management package for e-journals: The Library has access to e-journals a. Science Direct (Elsevier)-275E b. ASME c. Springer d. ASTM digital Library e. J-Gate Social science and Management

Human Resource Management

The key responsibility areas are identified and delegated at different levels like office function, Principal, HOD/Asst. HOD. ? Staff Orientation Programmes are organized by the college on regular basis. ? Performance appraisal system is practiced. ? Promotion policy: College follows the promotion policies of the Higher Education along with seniority based and performance-based promotions. ? Policy for compensation - College extends the benefits like Provident fund, Gratuity, Leave Encashment to the staff members and all teachers are treated at par. Performance recognition is also given to the deserving staff members in various forms.

Industry Interaction / Collaboration

Institute interact with local and non-native industries in various levels. Institute participates in GIZ-MASSIA live projects in each where more than 20 problems in the industry are solved by students. We regularly interact with many of the city, out of the city based industries of all scales in various sectors e.g Cosmo Films Ltd., LT Industries, Godrej Boyce Manufacturing Co. Ltd., Bajaj Auto Ltd., Infosys Technologies Ltd., etc To get the exposure to students through Industrial Visits, Lecture Talks, In-Plant Trainings and finally the employments

	of the students. MIT also have collaborated with 28 industries and research centres.
Admission of Students	Candidates apply for seeking admission through a special portal for the CAP admission and seats are allotted as per merit to the candidates. General merit seats are allotted to the candidates. Post selection and allotment, students submitting all the required documents and confirm admission by paying the fees as applicable. PG admission students with minimum 50 marks in qualifying examination and non-zero in GATE can apply for PG course. Ph.D. admission candidate should appear and clear the entrance examination conducted by BAMU, Aurangabad GATE qualified and teachers with 5 years of approved service are also admitted by facing the interview.

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

E-governance area	Details
Planning and Development	<ul style="list-style-type: none"> <li>• Audio-visual system in classrooms</li> <li>• Each department is provided with seminar hall with computers having internet facility.</li> <li>• The institute Central Library has adequate no. of books, journal, computer with internet facility and provision for digital library.</li> <li>• 24X7 library facilities provided by the institute for the students and faculties.</li> </ul>
Administration	<ul style="list-style-type: none"> <li>• Internet access to all machines with 1 GBPS leased line.</li> <li>• Wi-Fi enabled campus.</li> <li>• Administrative information is digitalised partially, and all the departments of the institute are provided with computer data cable network facility.</li> <li>• Biometric attendance system is employed for all the staffs.</li> <li>• CCTV surveillance system for central library and all the existing facilities.</li> </ul>
Finance and Accounts	Tally System for maintaining the accounts in accounts department. CYNYSYS for the tax calculation in accounts department. Direct monthly salary transfer to staff's account.
Student Admission and Support	<ul style="list-style-type: none"> <li>• Admission and examination procedure are computerised.</li> <li>• E-Learning resources were created using e-Journals and e-books in Library.</li> <li>• Internet facility is provided at departments and</li> </ul>

in student hostel Considering teaching learning as an integrated process, the institute strongly feels that the faculty should be equipped with modern teaching techniques and should get their knowledge updated with change in technology. For this, the faculties are encouraged to attend workshop, training Programmes, conferences, seminars and Symposia, Online learning resources like NPTEL courses etc. Online students grievances cell has also been set up.

**Examination**

Class Tests are conducted online. Internal evaluation process is automated for online class test and student can see the result immediately. University has a systematic procedure of online evaluation, offline evaluation re-checking, re- evaluation and photocopying of the answer sheet. To conduct online examinations, institute has sufficient IT infrastructure. Question paper availability for End semester examination is also done digitally and is only available online just before the start of the actual exam with proper security in order to avoid any misuse or leakage.

**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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the College 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)
<b>No Data Entered/Not Applicable !!!</b>						
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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	Number of teachers	From Date	To date	Duration
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professional development programme	who attended			
FDP on statistical Techniques in data analysis	6	07/07/2018	07/07/2018	1
Outcome based education and NBA process	6	09/07/2018	14/07/2018	6
Human Ethics and Moral Education	1	05/06/2018	12/06/2018	8
IoT application Design using Raspberry pi	1	31/12/2018	04/01/2019	5
Virtual lab bootcamp	1	06/02/2019	11/02/2019	6
One day workshop on Revised NAAC methodology	2	27/06/2019	27/06/2019	1
FDP on Data science	3	24/06/2019	29/06/2019	6
Internet of Things using Arduino	4	11/01/2019	12/01/2019	2
NPTEL TALE	3	11/02/2019	09/03/2019	28
NPTEL IoT	1	01/01/2019	28/01/2019	28
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
11	23	Nil	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical facility, Cooperative Society, Group insurance.	Medical facility, Group insurance, Cooperative society, Fee concession for employee children in education.	Earn and Learn Scheme, Accommodation (hostel facility), Medical facility, Student insurance, Play grounds and gymnasium, meditation hall, yoga practice centre, Recreational facilities, Implementation of fee reimbursement scheme, Assistance for getting

scholarships, Publication of annual magazine.

## 6.4 – Financial Management and Resource Mobilization

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

Department Heads / Section-in-charges are intimated of the extent of funds allocated against their budget proposals. Actions for procurement of lab equipment, up-gradation of existing lab facilities etc. are initiated from the respective departments and the funds are released on a case by case basis from the accounts office of the institute on approval by the Management. Institution conducts internal and external financial audits regularly to validate and monitor financial transactions during the financial year. The primary purpose for financial audits is to give regulators, investors, directors, and managers reasonable assurance that financial statements are accurate and complete.

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
Cow Land Dairy, Aurangabad	12000	Milk Product Development
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

0

## 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	Nil	Nil	Yes	IQAC
Administrative	Nil	Nil	Yes	IQAC

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

Nil

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

Nil

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

- Working towards accreditation by NBA by reinforcing OBE system faculty are encouraged to innovatively improve the processes including evaluation processes to achieve attainment higher levels of course outcomes.
- Working on Autonomy proposal with an aim to create an enabling environment to improve the teaching-learning-evaluation process.
- Implemented Open Elective Courses and Audit Courses in Choice Based Credit System (CBCS) curriculum with an idea to look into the needs of the students so as to keep up-to-date with development of higher education in India.
- Students are encouraged for project based learning through initiatives like GIZ-MASSIA live projects where students are solving the real life problems in the MSME sector and also interdisciplinary approaches are promoted.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – 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
2019	One Day Workshop on Revised NAAC Guidelines	16/04/2019	27/06/2019	27/06/2019	25
2018	One week STTP on Outcome Based Education	18/04/2018	09/07/2018	14/07/2018	50

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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
Self defence Training for Girl Students by Mission Sahasi	08/10/2018	30/10/2018	37	Nil
Awareness of Internal Complaint Committee .Gender Sensitization	10/02/2019	10/02/2019	12	Nil
Awareness of Internal Complaint Committee .Gender Sensitization	13/02/2019	13/02/2019	9	Nil
Awareness of Internal Complaint Committee .Gender Sensitization	28/02/2019	28/02/2019	19	Nil
Menstrual Hygiene	19/03/2019	19/03/2019	55	54

**Management**

## 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

50

## 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Rest Rooms	Yes	1

## 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
<b>No Data Entered/Not Applicable !!!</b>							
<a href="#">View File</a>							

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

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

## 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Audit Course on Professional Ethics cyber Security	01/01/2019	30/04/2019	72
Program under Swacch Bharat Abhiyan	02/10/2018	02/10/2018	50
No file uploaded.			

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

Tagging Trees
Roof top Solar Panels
Bio Gas Plant
Solid Waste Management
Dense Forest
Tree Plantation

**7.2 – Best Practices**

## 7.2.1 – Describe at least two institutional best practices

- Institute has launched dedicated Teacher guardian in every department where faculty from respective departments takes care of problems of students, records for the same is recorded separately and problems were addressed through proper channel.
- Regular training placement is imparted in the area of communication skill and aptitude to the students to make them employable.
- Encouraging students to be a part of GIZ-MASSIA Projects, with an objective to develop student's ability with innovative products in a cost effective manner.
- Earn-While-Learn scheme for deserving students implemented in all Micro Enterprises of MIT
- Active Participation of students in extension activities like Unnat Bharat Abhiyan, Unnat Maharashtra Abhiyan, Dense Forest Project and waste management projects.
- Financial assistance to the poor and needy students is made available. Earn and learn scheme is available for needy students in which students work in various sections of institute and earn through it.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://btech.mit.asia/>

### 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

Microenterprises @ MIT Aurangabad MIT-Center for Industry Relevance in Polymer Science and Technology Micro Enterprise at MIT is a new way of thinking about resources and responsibility. MIT is setting up many laboratories and facilities. The user while learning to use these facilities does it with some purpose. The purpose may be to render some service of value to the industry or community or to develop some product. The User takes responsibility to use resources productively and generate some surplus . Microenterprise in this sense encourages people to be responsible for what they do with the resources given to them. It rewards performers by giving them the authority to spend the resources they generated. It is a Micro Idea with Macro Impact" MIT, Aurangabad- realizes its responsibility as an academic institute to work towards the twin objectives of: 1. Enhancing employability in the area of plastic engineering through skill development trainings and manufacturing support 2. Encouraging Entrepreneurship to students and new comers With this goal, MIT, Aurangabad has established state of the art infrastructure, MIT-Center for Industry Relevance in Polymer Science and Technology (M-CIP)- an industry scale Plastic Manufacturing plant to nurture young talents with an entrepreneurial and global mindset. In M-CIP students not only get technical skill of handling machines that the industry currently uses but get trained in core skill of communication across and within as well as professional skill expected of them. They learn about Quality Standards, Manufacturing standards and Policies, Safety policies, assurance and control and different ways and means to achieve these. Training in safety at work place is integral part of skill development courses at MIT, Aurangabad. MIT- Center for Analytical Research Studies (MIT-CARS) The MIT- Center for Analytical Research Studies (MIT-CARS) is another micro enterprise of MIT group of Academic Research institutions established for catering the needs of farmers, industry, researchers and all other stakeholder across the globe. It represents the philosophy of socio-techno-commercial model driven by faculty students of different disciplines of engineering, Agriculture, Environment Life Sciences.

MIT-Siemens Center of Excellence Center Of Excellence in Automation Mechatronics The primary goals of this center are:

- To deliver knowledge of the content in the Mechatronics Systems
- To deliver knowledge of the content in the Automation fundamentals and systems This knowledge would enable the students to:
- Take a productive, self-organizing part in a project team
- Understand and translate customer wishes to technical requirements to reach



customer satisfaction • Understand internal and external testable and clear communication • Create technical documentation of the system based on the technical requirements to reach customer Satisfaction • Create technical documentation of the system based on the technical requirements using regional standards and design criteria. • Conduct processes during the construction and integration of the system • Test adjust system parameters to fit them to the customers wishes • Transfer knowledge gained easily to other projects

Provide the weblink of the institution

<https://btech.mit.asia/>

### **8.Future Plans of Actions for Next Academic Year**

• Upgradation of existing laboratories and purchase of equipment to promote student projects and research activities of faculty members. • To implement the ERP system in the institute which will create a data repository in order to improve the data usage and also to eliminate the redundant efforts required in tracing the data as well as duplication of data in number of instances. • Office automation to ensure an updated data base management system in the institute. Office automation has been planned to include an online archiving of student, faculty and staff database with necessary details. • To create a top class learning environment comparable with best in the national reputed institutes by gradually acquiring the status of autonomous institute by 2020-21. • Organization of workshop, seminar and job oriented services by the Career Counselling and Placement Unit. • Organization of seminar and workshop by the IQAC to promote the quality improvement strategies in teaching-learning, research, extension related and co-and extracurricular activities. IQAC is also planning to publish a handbook on quality assurance in this context for wide circulation. • Encouraging faculty members to complete their doctoral degrees and to continue research activities through quality publications and research projects. • To promote the extension activities among students through NSS, Unnat Bharat Abhiyan and Unnat Maharashtra Abhiyan programs.