



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI
Name of the head of the Institution		V.C. PATIL
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08392-237100
Mobile no.		9448006862
Registered Email		bitmiqac@gmail.com
Alternate Email		bitmbly@gmail.com
Address		#873/2, JNANA GANGOTRI CAMPUS, BALLARI - HOSAPETE ROAD, NEAR ALLIPUR VILLAGE, BALLARI - 583104
City/Town		BALLARI
State/UT		Karnataka

Pincode	583104																								
2. Institutional Status																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	Self financed																								
Name of the IQAC co-ordinator/Director	DR. N. GURURAJ																								
Phone no/Alternate Phone no.	08392237100																								
Mobile no.	9448695476																								
Registered Email	bitmiqac@gmail.com																								
Alternate Email	gururajn135@gmail.com																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	https://www.bitm.edu.in/wp-content/uploads/2020/05/AQAR-Report-2018-2019.pdf																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.bitm.edu.in/nacc-ssr																								
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>2.66</td> <td>2015</td> <td>25-Jun-2015</td> <td>24-Jun-2020</td> </tr> <tr> <td>2</td> <td>A+</td> <td>3.27</td> <td>2021</td> <td>02-Feb-2021</td> <td>01-Feb-2026</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.66	2015	25-Jun-2015	24-Jun-2020	2	A+	3.27	2021	02-Feb-2021	01-Feb-2026
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
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1	B	2.66	2015	25-Jun-2015	24-Jun-2020																				
2	A+	3.27	2021	02-Feb-2021	01-Feb-2026																				
6. Date of Establishment of IQAC	01-Jul-2015																								
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
Live Webinar Series- Faculty Development Program on	09-Jun-2020 5	200
One day Live Webinar on Overview of	08-Jun-2020 1	80
Live Webinar Series- Faculty Development Program on	01-Jun-2020 5	200
Online Quiz on OBE & NBA, Conducted by Department of Mechanical Engineering	26-May-2020 1	200
Awareness Program on Flexible Manufacturing System for Sanjay Gandhi Polytechnic Students	04-Feb-2020 1	178
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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
BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT	NAIN	KITS GOK	2019 365	500000
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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 :

4

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. Improved the Graduation Results AND Enhanced employability by implementing personality development programs, value added certificate courses and pre placement training program for the students, more Avenues for students to engage in community services AND Sensitizing students to ecological and environmental issues. 2. Established linkages with Industries with IBM Software, Wipro, Harita A TVS Group of Companies AND Career Guidance and Placement Cell strengthened. 3. Upgraded Library by subscription to E Journals, E Books, E Learning for Self Learning. 4. Internal and External IQAC Academic Audit as per ISO 9001 2015 norms and Governing council meeting held on a regular basis with members of the committee as a part of Academic Review activity. 5. Publication of Journals of international standards AND Seminars, conferences and invited talks arranged for students and Faculty members AND ALSO Conduction of Faculty development programme every year.

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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
To increase the admissions	The admissions for the Assessment year has increased by one percent comparing to the previous year
To recruit faculty with Ph.D qualification	Recruited five doctorates during the year 2019-20
To enhance Results	Results of final year is improved by 5.5% compared to previous year
To Place more than 300 students	Placed 356 students in reputed National & International Companies during the year 2019-20
NAAC SSR preparation for 2nd Cycle Accreditation	Successfully submitted SSR to NAAC authorities for 2nd Cycle
To conduct Quality Enhance Programs	Twenty-Four Quality Enhance Programs conducted across all the departments during the year 2019-20

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
GOVERNING BODY	11-Jul-2020

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	2020
Date of Submission	31-Jan-2020
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)	<p>The College has a full fledged Management information system for the Academic and administrative functioning of the college. The administrative system in the college is fully automated with appropriate software namely RoboVidya and all information on student admission, examinations, marks, fee payments, etc., is available for timely decision making and actions. The College library namely EasyLib is also automated and the information regarding the availability of books, issue details, etc., is available to the students and staff at fingertips. An online public access catalogue OPAC is implemented to enable the students for speedy and convenient access to the library catalogue. All the academic and administrative issues are deliberated and discussed in the appropriate Committees. The deliberations are properly debated and action items recorded and the decisions implemented at all levels in the form of proceedings, rules and regulations and policies. All relevant information about the college is published on the college website for reference. Some forms of MIS are Daily Absent Report Staff and Students, One Page Monthly Report, IQAC Monthly Report, Presentation Management Review Meetings Budget Meetings IQAC Quarterly Meetings Semester Progress Report Annual Report Governing Council.</p>

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

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The college systematically designs and develops action plans for effective implementation of the curriculum. At the outset, the Principal of the college conducts meetings regularly with the Heads of Departments to develop various strategies for effective implementation of the curriculum. The academic calendar issued by the affiliating university forms the basis for designing the college semester plan. The college semester plan is meticulously designed prioritizing academics with action plans, commencement date and last working date, dates for conduction of the three internal assessment tests. Further, the Student feedback is collected, analysis and corrective action is taken in each semester as a part of continuous improvement. The same is disseminated across the stake holders. The above process is in concurrence with the activities approved by the Internal Quality Assurance Cell (IQAC). Department wise calendar of events is prepared. Thereafter, the faculty members of various departments conduct their internal meeting for subject allotment based on expertise and develop academic plans such as timetables, lesson plans, and course files for the current semester. The course outcomes (CO's) are framed in coordination with course co-ordinator, respective faculty based on prescribed syllabus which is mapped with the programme outcomes (PO's). Course files, manuals with design based experiments are also prepared well in advance for laboratory courses. The curriculum encompasses the pedagogy of innovative methods such as presentations, assignments, handouts, e-lectures, discussions, workshops, seminars, industrial visits apart from regular lecture sessions and the same is taken for approval from their Head of Department and in turn the Principal. Lesson plans and subject course files containing syllabus, old question papers, IA question papers with scheme of evaluation, IA consolidated marks and CO - PO attainment sheets are maintained by each faculty for their respective subjects allotted, which is reviewed on continuous basis by the department review committee. Tutorial classes, Case study presentation, Guest Lectures, workshop hours to enhance the capability of students in presenting the distinctive topics related to the various courses of the curriculum are designed apart from regular classes. Remedial classes and motivational sessions are arranged for necessary students towards their academic excellence. In the proctor system, the respective proctors conduct periodic meetings to review the grievances of student fraternity. Career guidance, placement training, industry-academic interface sessions, orientation courses for both staff and students are organized on a regular basis.

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
Training (ME)	NX-11 Uni Graphics	01/08/2019	180	Employability	Skill Development
Training (CSE)	Robotic Process Automation	06/08/2019	7	Employability	Skill Development
Training (ME)	Flexible Manufacturing System (FMS)	03/02/2020	7	Employability	Skill Development
Training (EEE)	Surya Mitra	08/10/2020	60	Employability	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
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No Data Entered/Not Applicable !!!

No file uploaded.

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
MBA	Management	01/08/2019
Mtech	Engineering	01/09/2019

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

	Certificate	Diploma Course
Number of Students	341	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
Training on Finishing School	01/12/2019	70
CATIA Training	23/01/2020	60
Wipro Talent Next Certification Program	01/02/2020	303
C Programming	10/01/2020	596
Java Python - J Q Spiders	10/01/2020	262
Aptitude Training for employability	08/01/2020	596

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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
BE	Engineering	803
MBA	Management	148

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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

For the Academic year 2019-20 as per the data there is a steady performance with slight improvement in Even Semester. It was further informed to the principal to see that underperforming faculty need to perform in coming semesters. BITM has implemented an effective feedback mechanism for all faculty members and their respective courses handled by them. Feedback is taken once in a semester for all the academic years from the students. Feedback collection process: i. Course End Survey from the Students Every department faculty takes direct feedback from the students by course end surveys. Survey forms are evaluated by the Course Co-coordinators. The analysis of the course end surveys is shared with the HODs and necessary actions and corrections are incorporated in the course plan for further improvements. ii. Consolidated Feedback The feedback system is automated by online process and every student gives feedback every semester on the faculty, laboratory, office, library and other facilities. The feedback given by the student is calculated and marked on the scale of 1-10. Methodology of feedback analysis: Feedback collection process ?Feedback mechanism is a well-organized system in the college for all courses and course end surveys are done individually by the course co-ordinators. ?All the students participate to give feedback. ?Computerized consolidated feedback is collected from students for all the courses and the identity of the students is kept confidential. ? 90 of the students participate in the feedback process. Feedback Analysis: The consolidated feedback copy is circulated to the departments for review. Each faculty members are also given their feedback data to analyse and review the same. The department faculty members along with senior professors review the feedback of the faculty and discuss necessary improvements, if needed. The faculty feedback and the area of improvement is shared with the principal to facilitate further actions for improvement. The analysis of the feedback is taken as input for faculty appraisals and scope for improvement is stated in the faculty appraisal form in the form of objective settings and personal development plan. Any intervention required for the faculty is done in the vacation in the form of Faculty Development Programmes / Workshops, etc., to improve their teaching learning abilities. Indices used for measuring quality of teaching and learning. FORMAT of Student Feedback on Faculty - THEORY: Questionnaire 1. Regularity in handling Classes 2. Interaction with students 3. Presentation of the subject 4. Audibility Clarity of speech 5. Subject knowledge 6. Creating interest in the subject 7. Black Board Presentation /PPTs 8. Fulfillment of Course Objectives Outcomes 9. Coordination of staff with students 10. Valuation of IA books Syllabus Coverage (in only) FORMAT of Student Feedback on Faculty - LAB: 1. Regularity in handling classes 2. Interaction with students 3. Presentation of the subject 4. Audibility Clarity of speech 5. Subject knowledge 6. Creating interest in the subject 7. Black Board Presentation /PPTs 8. Fulfillment of Course Objectives Outcomes 9. Coordination of staff with students 10. Valuation of Journals

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
MBA	Management	180	172	172
Mtech	Engineering	42	11	11
BE	Engineering	897	792	792

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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
2019	3169	369	199	30	12

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
241	241	12	47	2	100
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)

The student mentoring system in the institution takes care of the overall development of students in terms of academic performance, building up the career, move towards the right path and be focused in relevant fields. The objectives of the support system are Monitor the academic performance, Mentor and guide them to achieve and do better in academics, Understand the problems including personal and advice appropriately to monitor the overall development of the student. Each student is allotted with a faculty mentor, and each mentor maintains a Proctor form with details like parent s guardian s name, addresses, contact numbers and academic details, academic scores. Psychological counselors are available to all the students who are counseled individually, aided therapeutically and are supported in their aspirations related to academics, career plans to air their grievances and cope with issues which may impede their progress in the above areas. All student mentors encourage the students participation, apart from curricular guidance, also in co curricular, extracurricular and other profession activities, which will motivate them stimulate their growth into well rounded young professionals. Regular orientation programs and Parent meetings are conducted bringing parents into the monitoring mentoring system as key stake holders. Follow up sessions with the parents faculty counselors and mentors are regularly arranged with the students who have poor performance and attendance to enable them to improve their attendance and performance. Details of mentoring system

- 1 Professional guidance Encourage students to discuss their ideas on paper presentations. Stimulate students thinking towards innovation in projects Support their learning through attending technical workshops. Motivate them to expand their domain knowledge base through participating in competitive activities like Corporate quizzes
- 2 Academic guidance Share information of academic planners, academic schedules and e learning resources. Identify students with poor attendance and ensure that they improve their attendance by getting counselled in the presence of mentor, counsellor and HOD Focus on academically weak students, by providing them with additional reading materials, model questions along with solutions and special make up Classes.
- 3 Career advancement Encourage students to do certification courses in order to build on their qualifications related to their career. Provide Career Guidance CRT and other Training apart from arranging campus recruitment drives by the Training and Placement Cell Support their research into Industry, companies, job and candidate profiles.
- 4 Laboratory specific Counsel irregular students to laboratory classes to attend regularly and complete backlog experiments during specified extra hours. Arrange special lab coaching for Students with backlogs in external lab exams.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3538	241	1 : 15

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

241	203	38	38	5
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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
2020	Dr Janet Jyothi Dsouza	Associate Professor	AIMS International Outstanding Young Woman Management Researcher Award on January 2 nd 2020 by AIMS International and IIM Kozhikode

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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
Mtech	M.TECH	II	22/06/2020	23/10/2020
MBA	MBA	IV	01/06/2020	16/09/2020
MBA	MBA	II	05/06/2020	23/09/2020
BE	CSE, EEE, ECE, CIV, MECH	II, IV, VI, VIII	01/06/2020	18/09/2020
Mtech	M.TECH	III	23/12/2019	24/02/2020
Mtech	M.TECH	I	21/01/2020	05/03/2020
MBA	MBA	III	05/12/2019	21/02/2020
MBA	MBA	I	21/01/2020	13/04/2020
BE	CSE, EEE, ECE, CIV, MECH	III, V, VII	30/11/2019	19/02/2020
BE	CSE, EEE, ECE, CIV, MECH	I	21/12/2019	15/03/2020

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

The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation at the institute level. The reforms are as follows. Remedial measures are taken by conducting tutorial classes to clarify doubts and re explaining the critical topics. Remedial Classes are conducted for the slow learners, absentees and the students who participate in Sports, NSS activities and Placement Interviews. This practice helps struggling learners to update their subject knowledge and helps them to catch up with their peers. Unit tests are conducted prior to sessional examinations. Topic wise question banks are provided for all

subjects. Students are encouraged to solve previous years University Exam question papers. The institute regularly conducts workshop, technical talk, seminars and guest lectures. Poor performance due to frequent absenteeism is dealt by sending registered letters to the parents of such students. Monitoring the improvement in learning of slow learner and encouraging the advanced learners by reviewing their performance in exams. The institution is keen on monitoring the performance of the students and reports to the Parents. Progress Reports are sent by the tutors to the parents after each of the test. Parents Guardians are advised to note the performance of their wards and take remedial measure if needed. Whenever necessary, the tutor shall recommend the visit of the parent to the college for a discussion about the student. Impact These reforms have resulted in substantial improvement in student s performance through comprehension of difficult topics, improved time management, enhanced writing skills and individualized attention resulting in refining their cognitive, psychomotor and affective domains of learning. This has significantly enhanced the pass percentage and academic excellence of students.

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

The institution ensures effective time management and timeliness. It receives the university given timeline and adheres to it. In the beginning of the academic year, academic calendar is published by the University for Respective Course. The college carries out effective planning to stick to academic calendar. This allows the teachers and the students to space out their teaching and learning and regular assessment of the same. The college conducts assessment to the students in three different components theory and assignments. The theory component is marked out of ten. The assignment is marked out of five. These tests are conducted in evenly spaced out intervals to avoid pressuring the students with too many examinations. Every academic year consists of two semesters. Each semester is to be of 16 weeks. The first Continuous Internal Examination CIE I is conducted after 8 weeks of class work. CIE II is conducted after 16 weeks of class work. CIE III is conducted after 24 weeks of class work Within the above mentioned 8 weeks of class work, the concerned syllabus is taught to the students. They are then tested on the same material. An average of these examinations is calculated to attain the final internal marks of the student. These marks are also vitalized to decide the course of nature for teaching slow students and rectify their performance before the external examination. All question papers are set based on the OBE format. They are mapped with their respective course outcomes that are stated in the beginning of the course. The assignments given to the students involve unaddressed program outcomes. This helps the students attain knowledge beyond the syllabus as these topics are not covered by the exams conducted by the university but are still relevant. These assignments are given within a set Time frame. The students are to complete them within the time given to adhere to the university s timeline. Following the university calendar, every department creates internal calendars to ensure timely delivery of syllabus. Every teacher follows a strict agenda that is discussed and approved by the head of their respective department. This is followed by deducing a day to day division of topics and chapters. These topics and chapters are chosen keeping the upcoming CIE in mind. The timeline created allows for the students to complete the given syllabus in enough time. The students are given plenty of time before the examinations as well to prepare and practice their concepts. In case of any required change, the university communicates the modification to the college and the college enforces the same. In any condition, the academic calendar is followed and respected by the teachers of all the departments.

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://www.bitm.edu.in/mechanical-engineering> <https://www.bitm.edu.in/computer-science> <https://www.bitm.edu.in/electronics-communication>
<https://www.bitm.edu.in/electrical-electronics> <https://www.bitm.edu.in/civil-engineering>

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
Digital Electronics	Mtech	Electronics and Communication Engineering	1	1	100
VLSI	Mtech	Electronics and Communication Engineering	6	6	100
CNE	Mtech	Computer Science and Engineering	3	3	100
MBA	MBA	Masters in Business Administration	149	123	82.55
ISE	BE	Information Science and Engineering	1	1	100
CIV	BE	Civil Engineering	102	100	98.03
MECH	BE	Mechanical Engineering	267	267	100
EEE	BE	Electrical and Electronics Engineering	134	128	94.81
ECE	BE	Electronics and Communication Engineering	184	181	98.36
CSE	BE	Computer Science and Engineering	164	161	98.17

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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://www.bitm.edu.in/wp-content/uploads/2021/07/STUDENT-SATISFACTION-SURVEY.pdf>

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	730	VGST, GOK	20	10
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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
Student Development Program on "Robotic Process Automation (RPA)"	COMPUTER SCIENCE ENGINEERING	06/08/2019
Workshop on copyrights and IPR	RESEARCH AND DEVELOPMENT	22/02/2020
World Intellectual Property Day	RESEARCH AND DEVELOPMENT	26/04/2020
Wipro Talent Next Digital Certification Program	CSE, ECE AND EEE	01/06/2020

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
NIL	NIL	NIL	Nil	NIL
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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
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	CAR DROWSINESS SYSTEM	FIRMWARE APPLICATION	16/02/2019
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	"Store Some" Solar Powered Mobile Cold Storage Monitoring System	HARDWARE APPLICATION	16/02/2019
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	Virtual Bricks	SOFTWARE APPLICATION	16/02/2019
BITM	BRICS, NAIN CENTRE	GOVT. OF KARNATAKA,	Solar photovoltaic	HARDWARE APPLICATION	16/02/2019

	- BALLARI	KITS	thermal fruit dryer and refrigerator		
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	Robotic Harvesting	SOFTWARE APPLICATION	16/02/2019
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	Intact Milestone	FIRMWARE APPLICATION	16/02/2019
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	Lost Item Bureau	SOFTWARE APPLICATION	16/02/2019
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	Alternate Power Production	HARDWARE APPLICATION	16/02/2019
BITM	BRICS, NAIN CENTRE - BALLARI	GOVT. OF KARNATAKA, KITS	I Tech Shoe	FIRMWARE APPLICATION	16/02/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	2

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

Name of the Department	Number of PhD's Awarded
ELECTRONICS AND COMMUNICATION ENGINEERING	1
ELECTRICAL AND ELECTRONICS ENGINEERING	2

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)
National	COMPUTER SCIENCE AND ENGINEERING	42	0
National	MASTERS IN BUSINESS ADMINISTRATION	2	6.63
International	CHEMISTRY	7	3.43
International	CIVIL ENGINEERING	15	6.3
International	ELECTRONICS AND COMMUNICATIONS ENGINEERING	3	0
International	ELECTRICAL AND ELECTRONICS ENGINEERING	6	0

International	MASTERS IN BUSINESS ADMINISTRATION	2	0
International	MECHANICAL ENGINEERING	12	0
International	PHYSICS	7	1.7
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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
COMPUTER SCIENCE AND ENGINEERING	3
ELECTRONICS AND COMMUNICATIONS ENGINEERING	1
MASTERS IN BUSINESS ADMINISTRATION	1
View File	

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
Improving SBC of sandy soil by cement grouting technique	Syed sadathali	IRJET	2019	0	BITM, BALLARI	Nil
Precast carbon fibre reinforced footing	Sharanab asavapatil	IRJET	2019	0	BITM, BALLARI	Nil
Experimental assesmen of ceramic waste as a partial replacement of filler material for BC-II Mix	Sharanab asavapatil	IJRAR	2019	0	BITM, BALLARI	Nil
Study of characteristcs strength of fibre reinforced self	Shivakumar K	IJRAR	2019	0	BITM, BALLARI	Nil

compacting concrete for m 30 grade						
Study of characteristics strength of fibre reinforced self compacting concrete for m 30 grade	Ravi Chandra Honnalli	IJRAR	2019	0	BITM, BALLARI	Nil
Study the characteristics strength of fiber reinforced self compacting concrete for M-30 grade.	Vinaykumar H	IJRAR	2019	0	BITM, BALLARI	Nil
Study the characteristics strength of fiber reinforced self compacting concrete for M-30 grade.	Girish yavagal	IJRAR	2019	0	BITM, BALLARI	Nil
Study the characteristics strength of fiber reinforced self compacting concrete for M-30 grade.	Mohammed Haseebulla	IJRAR	2019	0	BITM, BALLARI	Nil
Prediction of CBR Value by using Index properties of soil	Basavaraj B	IRJET	2019	0	BITM, BALLARI	Nil

Prediction of CBR Value by using Index properties of soil	Shivakumar K	IRJET	2019	0	BITM, BALLARI	Nil
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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
A simplified machine learning approach for recognizing human activity	Dr. Abdul Lateef Haroon P S	International Journal of Electrical and Computer Engineering (IJECE)	2019	3	12	BITM, BALLARI
Performance evaluation of Al-MWCNT based Automobile Radiator	Dr. Raju Jadar	Elsevier: Materials today Proceedings	2019	3	5	BITM, BALLARI
Defect reduction in a capacitor manufacturing process through six sigma concept: A case study	Dr, Yadavalli Basavaraj	Management Science Letters	2019	5	9	BITM, BALLARI
Polypyrrole-Tantalum disulfide composite: An efficient material for fabrication of room temperature operable	MachappaT and Sunil Kumar A	Sensors and Actuators A: Physical	2019	5	7	VTURC, Department of Physics, Ballari Institute of Technology and Management, Karnataka - 583104, India

humidity sensor						
A tungsten disulphide-poly pyrrole composite based humidity sensor at room temperature	MachappaT and Sunil Kumar A	Bulletin of Materials Science	2019	5	3	Department of Physics, VTURC, Ballari Institute of Technology and Management, Ballari, 583104, India
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	18	296	34	18
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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
NSS/ Youth Red Cross(YRC) Volunteer Blood Donation camp Blood group	VIMS Ballari/Red Ribbon Club /YRCS District AIDS Prevention Control Unit Dapco officer	45	490
International Yoga Day	BITM NSS Unit	50	176
Awareness program on Health and Nutrition	BITM NSS Unit	30	269
Helping hands to orphanage	BITM NSS Unit	45	67
World Environment Day	BITM NSS Unit	25	256
World no Tobacco day	BITM NSS Unit	5	48
Swacch Bharath	BITM NSS Unit	10	387
World Aids Day	BITM NSS Unit	12	146
View File			

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
NSS/ Youth Red Cross(YRC) Volunteer Blood Donation camp Blood group	VIMS Ballari/Red Ribbon Club /YRCS District AIDS Prevention Control Unit Dapco officer	01	239
NSS Unit college staff and students	AICTE Certificate of Appreciation	01	350
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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
NSS D.A.R.E.	Girls Hostel students and NSS Girls students / Volunteers that MSPL Limited, team are organized a Work shop	DEFENSE AGAINST RAPE AND EVE TEASING 27.02.2020	8	555
NSS	NSS Volunteers staff and students	"One student, One Tree Campaign". 30.08.2019	25	350
NSS	NSS Volunteers staff and students	"ELECTROAL VERIFICATION AWARENESS PROGRAMME " 26.09.2019	10	800
NSS	NSS Volunteers staff and students	150TH MAHATMA GANDHI JAYANTHI SWATCH BHARATH 02.10.2019	15	95
NSS	NSS Unit college staff and students	USAGAE OF PLASTIC ON POLLUTION AWARENESS PROGRAMME 15.10.2019 16.10.2019	5	30
NSS	NSS Unit college staff and students	'MSSION SAHASI " 31.10.2019	10	550
NSS	NSS Unit college staff and students	" CONSTITUTION DAY " 26.11.2019	150	600

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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
World Edu Summit	Y. J. Prithviraj Bhupal	Internal and External Sponsors	1
International Conference on Business, Management Entrepreneurship in collaboration with Dhaka International University	MBA Staff	Internal and External Sponsors	1

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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 linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
TRAINING	INTERNSHIP	PWD, BALLARI	06/07/2019	07/08/2019	16
TRAINING	INTERNSHIP	Nirmithi Kendra, Ballari	06/07/2019	07/08/2019	20
TRAINING	INTERNSHIP	NMDC, Donimalai	06/07/2019	07/08/2019	4
TRAINING	INTERNSHIP	PTC, Ballari	06/07/2019	07/08/2019	7
TRAINING	INTERNSHIP	MS Revolutions, Hosapete	06/07/2019	07/08/2019	8
TRAINING	INTERNSHIP	Sky Tech C onstructions , Ballari	06/07/2019	07/08/2019	4
TRAINING	INTERNSHIP	Ballari Co nstructions, Ballari	06/07/2019	07/08/2019	4
TRAINING	INTERNSHIP	Smart Civil Solutions, Ballari	06/07/2019	07/08/2019	38
TRAINING	INTERNSHIP	Ideal Ventures, Hubli	06/07/2019	07/08/2019	4
TRAINING	INTERNSHIP	Q-spider Campus	10/01/2020	10/02/2020	75

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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
IDIGYSYS	01/09/2020	To provide Technical services, structural designs, Quality control and various consultancy work in the field of civil engineering.	20
National Highway Authorities of India	14/07/2020	NHAI Facilitate the faculty, researchers students of the institute to familiarize with the latest trends in the transportation sector.	20
Automation Anywhere University	01/06/2019	Automation Anywhere University Talent Development Program Robotic Process Automation Training for Essential	164

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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
11200000	13840637

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing

Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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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
EasyLib Web Version	Fully	6.2a	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	98487	23037808	585	260758	99072	23298566
Reference Books	9504	2429137	150	47193	9654	2476330
e-Books	222	460000	11111	Nil	11333	460000
Journals	448	2400300	30	88840	478	2489140
e-Journals	8288	16891366	1681	2809000	9969	19700366
Digital Database	6	Nil	5	Nil	11	Nil
CD & Video	3772	Nil	5	Nil	3777	Nil
Library Automation	1	117000	1	145140	2	262140
Weeding (hard & soft)	2751	906357	6763	13573	9514	919930
Others (specify)	Nil	Nil	Nil	Nil	Nil	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
NIL	NIL	NIL	Nil
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	Others
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								h (MBPS/ GBPS)	
Existing	1044	763	105	0	0	29	132	200	15
Added	0	0	0	0	0	0	0	0	0
Total	1044	763	105	0	0	29	132	200	15

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

200 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
BITM E-Content (Compatible with Internet Explorer only)	ftp://210.212.201.196

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
2613000	927015	7975000	9984939

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: Regular maintenance of the machines and computers is done by the support team in the presence of lab instructors before the commencement of the academic year. Lab requirements are evaluated in consultation with the HOD's, Principal and forwarded to the management for necessary procurement and maintenance. AMC/under warranty items are maintained regularly. Preventive and breakdown maintenance procedure is followed along with Safety precautions like first aid kit. Fire extinguisher are kept with safety charts. The stock is verified annually. Library: Central library-knowledge centre works from 9.00AM to 10.00 PM. Books are issued using barcoded system. Lost books are replaced by the borrower. The old books are systematically replaced. The books damaged by the students are re-bounded during the semester vacations. Library server is backed up on a regular basis Stock verification is carried out yearly. Sports: Physical director conducts Sports Games, maintains the sports facility including stock verification as per the planned schedule. In case of any damage observed, the same is recorded in the register pending further action including replacement. Classrooms: The Classroom benches and windows are cleaned and mopped every day and have very good cross ventilation and ergonomically designed benches for human comfort. In case of any damage to the items, the class mentor brings it to the notice of the HOD. Potable Water Supply: RO Systems of capacity 500 LPH (05 Units), 50 LPH (10 Units) with 41 Drinking water coolers are installed in all the buildings to cater for safe drinking water and are under AMC. Sewage Treatment: Campus has a sewage treatment plant with capacity of 325 KLD, approved by Karnataka Pollution Control Board. The Sewage treated water is utilized for gardening purpose. Solid Waste Management: The wet dry waste is separated from the institution is collected within the campus. The same is transported through Institute "Swachh Bharat" Vehicle to the corporation segregation yard for scientific disposal. Electricity, Solar Power Power Back up: Institute is provided with HT (11KV) service from GESCOM.

Substation has 2 Transformers of capacity 250 and 100 KVA 11/440volts with 50cycles. Round the clock substation is managed by qualified electrical staff. Institution has Rooftop Solar Generation with a capacity of 350KW synchronized with the main grid. 75 of power requirement is generated out of solar power plant. Power back up is augmented with 2 DG Generators with a capacity of 250 200KVA.Labs are provided with UPS from 30KVA to 5 KVA. E-Waste disposal: All E-Waste is disposed through an authorized and approved Karnataka Pollution Control Board E-waste collector as per guidelines for disposal of E-Waste (Management and Handling) Rules, 2011 issued by CPCB. Budget Security: Sufficient funds are allocated for equipment's, vehicle, campus, building electrical maintenance and 3 tier security with CCTV. Vehicle Parking: Institution has separate and spacious parking area for Four wheelers Two wheelers. Hostel: Hostel rooms are daily cleaned and maintained and students sign on the Handbook of the Maintenance staff. All the mess facilities are FSSAI certified.

<https://www.bitm.edu.in/facilities>

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	Institutional Scholarship	40	388900
Financial Support from Other Sources			
a) National	Government Scholarship (OBC/SC/ST)	2135	55730859
b) International	-	Nil	0

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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 implemetation	Number of students enrolled	Agencies involved
English Communication training via ELL Scholar Software in the Language Lab for the First year B.E students	29/01/2020	611	BITM FACULTY
Soft skills training and development programme	29/01/2020	207	Innovation Unlimited, Bengaluru and Skill Factory, Hyderabad
Soft skills training and development programme	08/01/2020	322	Innovation Unlimited, Bengaluru and Skill Factory, Hyderabad

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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	To be Future Ready- The TCS Way	596	596	26	356
2019	Seminar on Satellites by ISRO	182	182	Nil	Nil
2019	Higher Studies and Placement Session Awareness Program	150	150	26	101

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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
LT Technology Services Mindtree CGI EVERY India Infosys SLK Software Services Wipro (NLTH) Cognizant TCS Bosch Automotive AGS Transact Technologies Ltd Hyoseong Electric Co., Ltd Adobe Harita Techserv	475	320	Atos Syntel EY Attra Infotech (P) Ltd Byjus	36	36

Wipro (Sales) Canara HSBC MocDoc Roter Amruth Su					
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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	BITM	EEE	MSRIT - BENGALURU	M. TECH
2019	1	BITM	EEE	MSRUAS - BENGALURU	M. TECH
2019	1	BITM	EEE	KLE - HUBLI	M. TECH
2019	1	BITM	CSE	LIT IRELAND LIMERICK INSTITUTE OF TECHNOLOGY	MS
2019	1	BITM	CSE	IIIT - BENGALURU	M. TECH
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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
NET	1
SET	Nil
SLET	Nil
GATE	Nil
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
Any Other	11
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
VTU Basketball- Mens'	Zonal Level	130
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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
2019	NIL	Nil	Nil	Nil	NIL	NIL

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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)

Administrative: Every class has a class representative (CR) who coordinates with the students staff. The CR regularly interacts with the students with respect to placement activities, discipline, cleanliness of the classes/labs, disseminating information provided by the staff, and any issues raised are communicated to the faculty for immediate corrective actions. Each Student participate twice in a year in the feedback process which takes into account with respect to faculty teaching quality, facilities, interaction overall improvements. Students are represented in various administrative bodies/committees namely IQAC, Anti ragging cell, SC/ST Cell, Grievance Redressal Prevention of Sexual Harassment, National Social Service, Sports, Cultural, BRICS (BITM Research Incubation Commune for Startups)-ED Cell for startups Bhoomika College Magazine. Students attend the meetings and their views are taken into account for decision making. Students are given an opportunity to suggest changes in the systems for overall development.

Co-Curricular: Students represent in various Co-curricular committees/cell/chapters to conduct various events in the institution related to technical, management innovation. Each department has technical forums managed and conducted by the students in coordination with the staff such as IEEE Student Chapter, Women in Engineering(WiE), MANAV-HR Student lab, Finwhiz-Finance Student Club, MAVERICK-Marketing Student Club, Knowledge café, Big Ants movie club, and student forums like Vaiseshika, Mechanical engineers, TechVruksha, Nirman. In the Beginning of the academic year or a semester, students conduct meetings and decide the list of events to be carried out by the department forums. Students organize the events beyond the college working hours related to technical management events such as hackathons, technical quiz, junk yard competition, troubleshooting, code debugging, case studies analyses etc. Student in consultations with staff invite guest lectures, tech talks organize conclaves. Research mindset is inculcated through IEEE student branch, WiE and ISTE Student Chapter. Students play a key role in managing workshops conferences. Institution has supported for conduction of the above events in the form of infrastructure, facilities and sponsorship of mementoes, prizes remuneration for various competitions organized by the students.

Extra-Curricular: Student play a key role in conduction of various Extra-curricular activities under the guidance of cultural coordinator. Institution has several Cultural Clubs Namely Literary, Theatrical, Fine arts, Audio visual, Social media Event promo club. Each of the clubs are headed by the student coordinator under the guidance of the staff. Each club plan their activities in the beginning of the academic year/semester and decide on the list of the events to be conducted. Student take active participation in preparation of posters, promotion of the event through social media and development of mobile app for registration process. Student volunteers actively participate and coordinate for smooth conduction of events. The college administration and student members of cultural committee organize "EXPLORIKA" a techno cultural fest Graduation Day every year. In addition, Ganesh festival, Ayudha Pooja, Abhivrudhi - Management fest, Avishkar are organized by students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Ballari Institute of Technology and Management Alumni Association (BITM-AA): is registered under Karnataka Societies Registration Act 21 of 1960, Dated Dt-14-12-2015 with Registration No.BLY-S287-2015-16 at Ballari, Karnataka. The association is established with the following aims and objectives, To provide a forum for the passed out students of the college to meet and discuss the matters of common interest, To promote the interests of the college as well as the interest of its past and present students, To promote goodwill and mutual among members, To contribute to the cause of technical education by sharing the experience of those in the field, To help authorities to improve the academic activities of the college, To assist the members for their employment and service matters without interfering in the policies of their employers, To cooperate with other such bodies for the same ends, To promote other matters beneficial to prospects of the association, To extend financial help to economically backward and deserving students in form of scholarship for undergraduate and post graduate students of the institution. In the last five years an amount of Rs 12,04,000/- is received as a contribution voluntarily by the alumni members towards the association. An alumni can register and connect to the portal www.alumni.bitm.edu.in. The total members in the portal are 4816 as on 14/02/2020 and the database is regularly updated. They can also connect by using mobile application "My Alumni Network" powered by vaave networks on both android and IOS platform The Association is organizing "Punarmilana" an annual alumni meet alternatively at the Institution and in Bengaluru. Alumni feedback and surveys are collected regularly on curriculum design process, new Initiatives etc. which act as an impetus to improve the institute Teaching Learning OBE Process. The esteemed alumni are part of the institute development as a member in various boards. Alumni are member in IQAC, Department Advisory Board (DAB) of the Engineering Programs in curriculum design process and mentors to the student's project at startup incubation center. Alumni members share their experience with students during technical talks organized by the institute. The first year UG academic toppers are honoured by the association as a source of encouragement to budding engineers. Alumni members are invited to the various events such as conferences, workshops annual day events every year. Alumni working with different companies also guide the pre-final final year students to prepare for campus placements also conduct mock technical interviews using either skype or WhatsApp. Our esteemed alumni Mr. Veeresh DR and Mr Raghavendra Prasad HM from mechanical engineering department are working as Scientist SF Engineer in reputed Organization namely, Indian Space Research Organization(ISRO). Mr. Vishwanath Ghalgi from Computer science engineering department is working as Senior Software Engineer in Apple Incorporation. Mr Padmakar Guduthur from Electronics and Communication engineering department is working as key account manager till date in Robert Bosch Engineering and Business Solutions Limited. Mr. Manjunath from Electrical and Electrical Engineering department is working as Assistant Executive engineer in KPTCL.

5.4.2 – No. of enrolled Alumni:

510

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

239100

5.4.4 – Meetings/activities organized by Alumni Association :

MEETING WAS ORGANIZED BY BITM ALUMNI ASSOCIATION(R) DURING THE YEAR 2019-20.
ONLINE ALUMNI MEET NAMELY PUNARMILANA WAS ORGANISED ON 14.12.2019

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)

VISION: To contribute valuable graduates for industry and society through excellence in technical and management education and research. **MISSION:** To offer state of the art undergraduate, postgraduate and doctoral programmes. To empower the students with Technical, Managerial Skills and professional ethics. To collaborate with academia and industries for skill development. The institution has an effective leadership in tune with the vision and mission to create premier class professionals by imparting valuable education, exposing students to new ideas and inculcating in them a sense of professionalism. The leadership of the institution believes in participative management and strives to bring in a structured system of practice involving all the stakeholders. The institute has a well-defined perspective plan to achieve the vision and mission of the institution. The institution has the highest standard of transparency and accountability. **Nature of Governance:** The Governing council members are decided as per the rules and in accordance with AICTE. The GC members form the supreme body, which monitors and evaluate the functions as a policy maker of the institution to impart quality education at the Institution. The GC approves the mission and strategic vision of the institution, long term business plans and annual budgets in accordance with the interests of the stakeholders. The GC monitors the institution's performance against the plans approved. GC approves the annual Budget Plan for effective implementation and monitors the same. GC approves the purchases Ratifies appointments, promotions and any HR related matters. The Chairperson supports the head of the institution in the execution of the programmes. The frequency of meetings of the GC is minimum twice a year or whenever needed. **Perspective Plans:** To take decisions regarding the increase or reduction in intake, closure of any program. GC recommends to principal totake a final step with the affiliation bodies and to put them into the action. Fixation of Fee Structure for UG and PG program are reviewed on yearly basis and accordingly Fees is Structured. Improving UG and PG education by incorporating modern teaching and learning methods. Initiative to be taken to get a funds from the funding agencies. Focus on developmental aspects such as curriculum improvement, Infrastructure enhancement and accreditation with bodies. Improving R and D, Industry interaction, internal revenue generation, collaboration with industry and university, alumni interaction, entrepreneurship, and social responsibility initiatives. Envisioning for autonomous status and aiming to offer world class education and research. The plans and policies of the institution are framed as per the collective inputs given by the management, principal and staff are implemented effectively. Various support committees like the, IQAC, library committee, BITM Alumni Association, Building Maintenance Committee, Magazine Committee, Proctoring Committee, EDC Committee, Finance Committee, Budget Committee, Hostel Committee, Industry Advisory Board, Board of Appointments, Planning, Monitoring and Purchase Committee, SC ST Grievance Cell, NSS Committee, Cultural Committee, IT Cell etc., are created by the Management. Any suggestions or recommendations of the committee will be made to the Principal and decisions are taken accordingly. Faculties also participate actively in decision making.

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
Admission of Students	Management provided scholarship for poor and meritorious students in management quota. Career counselling was carried out to the students of Ballari and scope and opportunities in Engineering was highlighted.
Industry Interaction / Collaboration	The college has industry advisory board with members from various industries. Curriculum gaps are well identified to bridge the same. College has MoU with Infosys, IBM, J- Spider, Q- Spider, NI, Texas Instrument, Automation Anywhere University. E-Yantra robotics lab, IIT, Bombay
Human Resource Management	Objective base appraisal is carried out in a very systematic manner taking into account related to academics, research, personal development, and leadership aspects
Library, ICT and Physical Infrastructure / Instrumentation	State of the Art Library with E Journals and Digital E Learning facilities are augmented for self-learning. The college has high speed internet connectivity for access to educational contents. Firewall is augmented for secure and safe access. In our institution 1044 computers are available for all the Staff and Students.
Research and Development	Departments are continuously applying for Research and Development projects through VGST and KCTU. Staff and Students are sponsored from institution for paper publications and presentations. Faculty pursuing Ph.D., have given contingency amount and support for the research work.
Examination and Evaluation	Internal examinations are conducted on the basis of external exams, rules and regulations such as issuing of hall tickets for IA tests, intimation of attendance and IA marks to the parents via SMS. Evaluation is completed within a week and their IA books is given to the students for verification and self-evaluation. The answer key is well debated with the students.
Teaching and Learning	Outcome based education is practiced across the institution with real emphasis on student centric learning by catering to the different learning styles of the students
Curriculum Development	Identification of Curriculum gaps and

specific courses taught to fulfil the same. Design based experiments and additional labs are conducted beyond the syllabus.

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

E-governance area	Details
Planning and Development	Proper Budgeting is carried at the beginning of the financial year and the same data and information is maintained on electronic platform. The expenditures are constantly verified against the budget for effective utilisation. Development activities are carried out based on the budget.
Administration	Robosoft and Eduwize ERP Software is used for overall administration and monitoring
Finance and Accounts	Tally Accounting Software is used for all the accounting purpose. Financial aspects are closely monitored through e-banking facility and all the financial transactions are carried out through digital payments such as NEFT RTGS, Paytm, PhonePe, BHIM, POS Machines and etc.
Student Admission and Support	Robovidya by Robosoft Software used to manage the Students information for Admission, Fee payment, communication, transport maintenance and Hostel.
Examination	IA performance and their attendance is communicated through SMS by SMS Gateway software. Students update their profiles in the VTU examination Portal every year. Students after applying for examinations their hall tickets are automatically generated for semester end examinations and the results are also announced on online in VTU portal.

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
2019	Mr. Azar Baig M	TTT PROGRAM BY AAU	Automation Anywhere University, Bengaluru	6873
2019	Mr. Jagadish.R.M	TTT PROGRAM BY AAU	Automation Anywhere University,	6873

			Bengaluru	
2019	Dr. Yeresime Suresh	ICECMSN 2020	Sir MVIT, Bengaluru	6860
2019	Mr. Azar Baig M	Wipro certified faculty training	Wipro Bengaluru	19834
2019	Mr. Md. Shafiullah	Wipro certified faculty training	Wipro Bengaluru	19834
2019	Mrs. Shenaz Begum S	International conference on DISC-2020	JBLET, Hyderabad	6000
2019	Mrs. Prathibha Mishra	International conference on DISC-2020	JBLET, Hyderabad	6000
2019	Mrs. Shenaz Begum S	TTT PROGRAM BY AAU	Automation Anywhere University, Bengaluru	6206
2019	Dr. Yeresime Suresh	E-Learning	VTU KALABURGI	2073
2019	Dr. Rajshree V. Biradar	Machine Learning Using Python	Amrita Vishwa Vidyapeetham, Mysuru campus	2130
View File				

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)
2020	Five days FDP on "Neural Networks and its Application in Image Processing" organized by dept. of ECE in association with IQAC and IETE	-	09/01/2020	13/01/2020	31	Nil
2020	FDP on	-			46	Nil

	Time for nature: Engineered Systems to nurture the nature for the future organized on line by Civil dept.		11/06/2020	11/06/2020		
2020	One day Cluster level training program on "Importance of E-Resources in Teaching, Learning and Research" organized by Department of Library and Information Centre in collaboration with V TU-Consortium	-	06/09/2019	06/09/2019	57	Nil

[View File](#)

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
FDP on Advances and Applications of Smart System Engineering/Offline	3	16/12/2019	28/12/2019	13
Awareness Program on e-Learning Initiatives VTU regional center, Kalabur	1	05/12/2019	05/12/2019	1

agi(Offline)				
Cluster Level Training Program on Importance of e-Resources in Teaching, Learning and Research	7	06/09/2019	06/09/2019	1
Faculty Development Programme on National Level FDP on HR Analytics	1	26/08/2019	31/08/2019	6
FDP on NPTEL Course- Developing Soft skills and Personality at Bangalore	1	01/08/2019	31/10/2019	90
FDP on Accreditation and OBE by NPTEL	4	01/08/2019	31/10/2019	90
Seven days? "FDP for Student Induction (FDP-SI)" at SVCE, Bangalore, Organized by AICTE.	3	23/07/2019	29/07/2019	7
Faculty Development Programme on Research and E-Resources	1	15/07/2019	20/07/2019	6
FDP on Finite Element Method for engineers	3	15/07/2019	19/07/2019	5
FDP on "DC Micro-Grid" by NPTEL	1	01/07/2019	30/09/2019	90

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
241	241	166	166

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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<p>Provident Fund PF Group Gratuity Employees State Insurance ESI Casual Leave 15 days per annum Earned leave 30 days for non-vacation category, 10days for vacation staff. Vacation Leave Odd Semester 30 Days, Even Semester 30 Days Group Gratuity Scheme linked to LIC of India with a life policy. Staffs are Covered Accidental Insurance. Subsidized Transport Facility. Encouraging faculty for Ph.D., Studies. PhD Research Contingency. Sponsoring for various Workshops Conferences by bearing Registration Fees and TA DA Domestic and International Events. Deputing various value-added training programmes. Salary Advance facility.</p>	<p>Provident Fund PF Group Gratuity Employees State Insurance ESI Casual Leave 15 days per annum Group Gratuity Scheme linked to LIC of India with a life policy. Staffs are Covered Accidental Insurance. Subsidized Transport Facility. Salary Advance facility.</p>	<p>Students are covered under Group Accidental Insurance Scheme. Sponsoring for various Workshops Conferences like Registration Fees, TA DA, etc., Deputing students to various Value-Added Training Programmes and in House training Programs to improve employability. Encouraging students to participate in Sports NSS Tech Fest Youth fest activities. Providing Transport facility for Industry Tours, to attend Off Campus interviews, etc. Create awareness Regarding Govt. Facilities Scholarship, Loan to minorities, etc. The Placement and Training Cell provides Career Guidance to improve the student's employability. Value-added Courses offered to the students beyond the syllabi.</p>
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6.4 – Financial Management and Resource Mobilization

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

Experienced and efficient personnel conduct internal audit regularly. External audits are done by Proficient financial auditors in the Audits, Experts verify all transactions. There were no major observations noticed and the reports of the same are available.

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
NIL	0	NIL
View File		

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	Yes	Intertek	Yes	ISO

		Agency		Coordinator
Administrative	Yes	Intertek Agency	Yes	ISO Coordinator

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

The management arranges for a parent teacher meet once in a semester during a weekend. The parents are invited by faculty of all the departments. Students' academic performance, university results, attendance and other related issues are discussed. At the inaugural function of UG and PG, the parents are invited, and academic expectations are informed to the parents. The parents are informed with respect to rules and regulations, scholarships, value added courses provided by the institution from time to time. Parents are part of IQAC and Grievance Cells

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

For the supportive staff at college level Training programmes are organized periodically. Orientation programme Computer and skill-based training Improvement programme. The support staff are provided with health facilities, uniform. Training on Swachh Bharath Abhiyaan. Given information about ill effects of tobacco. Regular health check-ups.

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

Continuous assessments of POs and PSOs based on the results of every student in internal and external examination. Recruitment of faculty with higher qualification Ph.D. Arrangement of National Conferences. FDP for teaching faculty.

6.5.5 – 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	Yes

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
2020	Live Webinar Series- Faculty Development Program on Recent Trends in Thermal Engineering-RTTE 2020	09/06/2020	09/06/2020	13/06/2020	200
2020	One day Live Webinar on Overview of Graphene-A Prospective Material	08/06/2020	08/06/2020	08/06/2020	80

2020	Live Webinar Series-Faculty Development Program on Emerging Engineering Materials	01/06/2020	01/06/2020	05/06/2020	200
2020	Online Quiz on OBE NBA, Conducted by Department of Mechanical Engineering	26/05/2020	26/05/2020	26/05/2020	200
2020	Awareness Program on Flexible Manufacturing System for Sanjay Gandhi Polytechnic Students	04/02/2020	04/02/2020	04/02/2020	178
2020	One-month Student Development program for final year students on CATIA 3D CAD Experience at BITM, Ballari	23/01/2020	23/01/2020	23/01/2020	60
2020	Interaction Program for Final Year Mechanical Students related to Automotive, Construction , Ship Building, Smart city Development with Mr. Nataraj R, CEO, Centre of Excellence in Aerospace Defence,	01/01/2020	01/01/2020	01/01/2020	203

	Govt. of Karnataka and Mr. Chetan Rao S, Centre of				
2019	Technical Talk on Awareness program on e-Vehicles Air Pollution, Jointly organized by Mechanical Engineers Forum, BITM, Ballari, Regional Transport Office, Ballari, Karnataka State Pollution Control Board, Ballari	19/11/2019	19/11/2019	19/11/2019	120
2019	Mini Project Exhibition for Pre-final year students organized by Department of Mechanical Engineering students at BITM, Ballari	18/11/2019	18/11/2019	18/11/2019	120
2019	Social Innovation-Ideathon 2019 organized by Department of Mechanical Engineering Mechanical Engineers Forum	06/11/2019	06/11/2019	06/11/2019	68

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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
Prevention of Sexual Harassment Program	26/08/2019	31/08/2019	302	301
International Womens Day- I am Generation Equality: Realizing Women's Rights	07/03/2020	07/03/2020	623	10
Self Defence Classes	19/02/2020	20/02/2020	612	Nil
Womens Health & Nutrition	28/02/2020	28/02/2020	1865	Nil
Prevention of Cyber Crime	18/02/2020	18/02/2020	572	68
Role of Women in Engineering(IEEE Women In Engineering)	02/11/2019	02/11/2019	421	189
Malabar Golden Girls Talent Show	16/11/2019	17/11/2019	345	Nil

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
Environmental Consciousness and Sustainability/Alternate Energy initiatives in the Institution is implemented such as: 1.Solar energy 2.Wheeling to the Grid 3.Sensor-based energy conservation 4.Use of LED bulbs/ power efficient equipment Percentage of power requirement of the University met by the renewable energy sources: 70

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for	No	Nil

differently abled students		
Any other similar facility	No	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
2019	7	7	14/11/2019	1	Visit to Orphanage	Distribution of Mosquito Curtains and Old Clothes	48
2019	7	7	16/09/2019	3	Ozone Day	Importance Conservation of Ozone for Safe Environment	321
2019	7	7	02/10/2019	1	Swacch Bharath	Waste Segregation Awareness and Waste Diposal	229
2019	7	7	14/12/2019	2	Energy Conservation day	Rally to highlight the importance of usage of LED Lamps Solar Energy	150
2019	7	7	04/10/2019	2	Open Day for 12th Grade for BPSC PU College Pupil Tree PUC College	To Educate 12th Std on Importance of Science Education	120
2019	7	7	31/01/2020	1	ISRO UR Rao Satellite Centre-	Exposure to School Children	450

					Vikarama Sarabhai Centenary Celebration	on Different types of Sattellites, Quiz, Model Making, ISROS Achievements	
2019	7	7	19/02/2020	1	Blood Donation Camp	Importance of Blood Donation	341
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Service Rules, Policies, Procedures Employee Handbook	01/01/2019	(As the system is not accepting the date of publication before 2019 so explained here with exact date of publication). The Institution has published Professional Ethics Human values (01.08.2018), code of conduct for students (01.08.2018) Service Rules, Policies Procedures (01.06.2014) for Stakeholders namely teachers, administrators and Students in the website https://www.bitm.edu.in/rules-regulations . There is a committee to monitor to adherence to the above. Every year during the Induction program Universal Human Values, the Code of Conduct for Students (01.08.2018) student code of ethics (01.07.2014) aspects are elaborated during the student induction program and a copy of the same is circulated to the students. Institution organizes professional ethics program for teachers during the faculty induction and during the Town Hall meetings. Service rules, Policies, Procedure

		employee hand book is given to every staff and made familiar during the faculty induction.
Handbook on Professional Ethics Human Values	01/01/2019	(As the system is not accepting the date of publication before 2019 so explained here with exact date of publication). The Institution has published Professional Ethics Human values (01.08.2018), code of conduct for students (01.08.2018) Service Rules,Policies Procedures (01.06.2014) for Stakeholders namely teachers, administrators and Students in the website https://www.bitm.edu.in/rules-regulations .There is a committee to monitor to adherence to the above.Every year during the Induction program Universal Human Values, the Code of Conduct for Students (01.08.2018) student code of ethics (01.07.2014) aspects are elaborated during the student induction program and a copy of the same is circulated to the students.Institution organizes professional ethics program for teachers during the faculty induction and during the Town Hall meetings.Service rules,Policies,Procedure employee hand book is given to every staff and made familiar during the faculty induction.
Student Code of Ethics	01/01/2019	(As the system is not accepting the date of publication before 2019 so explained here with exact date of publication). The Institution has published Professional Ethics Human values (01.08.2018), code

		<p>of conduct for students (01.08.2018) Service Rules,Policies Procedures (01.06.2014) for Stakeholders namely teachers, administrators and Students in the website https://www.bitm.edu.in/rules-regulations.There is a committee to monitor to adherence to the above.Every year during the Induction program Universal Human Values, the Code of Conduct for Students (01.08.2018) student code of ethics (01.07.2014) aspects are elaborated during the student induction program and a copy of the same is circulated to the students.Institution organizes professional ethics program for teachers during the faculty induction and during the Town Hall meetings.Service rules,Policies,Procedure employee hand book is given to every staff and made familiar during the faculty induction.</p>
Code of Conduct for Students	01/01/2019	<p>(As the system is not accepting the date of publication before 2019 so explained here with exact date of publication). The Institution has published Professional Ethics Human values (01.08.2018), code of conduct for students (01.08.2018) Service Rules,Policies Procedures (01.06.2014) for Stakeholders namely teachers, administrators and Students in the website https://www.bitm.edu.in/rules-regulations.There is a committee to monitor to adherence to the above.Every year during the Induction program</p>

		<p>Universal Human Values, the Code of Conduct for Students (01.08.2018) student code of ethics (01.07.2014) aspects are elaborated during the student induction program and a copy of the same is circulated to the students. Institution organizes professional ethics program for teachers during the faculty induction and during the Town Hall meetings. Service rules, Policies, Procedure employee hand book is given to every staff and made familiar during the faculty induction.</p>
<p>Employee Code of Conduct</p>	<p>01/01/2019</p>	<p>(As the system is not accepting the date of publication before 2019 so explained here with exact date of publication). The Institution has published Professional Ethics Human values (01.08.2018), code of conduct for students (01.08.2018) Service Rules, Policies Procedures (01.06.2014) for Stakeholders namely teachers, administrators and Students in the website https://www.bitm.edu.in/rules-regulations. There is a committee to monitor to adherence to the above. Every year during the Induction program Universal Human Values, the Code of Conduct for Students (01.08.2018) student code of ethics (01.07.2014) aspects are elaborated during the student induction program and a copy of the same is circulated to the students. Institution organizes professional ethics program for teachers during the faculty induction and</p>

during the Town Hall meetings. Service rules, Policies, Procedure employee hand book is given to every staff and made familiar during the faculty induction.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Constitution Day	26/11/2019	26/11/2019	598
Sadhbhavana Diwas	20/08/2019	20/08/2019	657
Matribasha Diwas	21/02/2020	21/02/2020	565
International womens day	08/03/2020	08/03/2020	570
Induction Program on Universal Human Values	26/08/2019	26/08/2019	611
Mandatory Course on Constituion of India Professional Ethics Course	01/08/2019	01/08/2019	830
Induction program on Code of Conduct Student Code of Ethics	26/08/2019	26/08/2019	611
Employee code of Conduct Presentation during Town Hall	01/10/2019	01/10/2019	368
Rashtriya Ekta Diwas	31/10/2019	31/10/2019	619
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Plastic free Campus Usage of LED Lamps 2. Pedestrian Friendly Pathways Sensor based energy conservation 3. Landscaping with trees and Plants 4. 325 KLD Sewage Water Treatment and Recycling, Solid Liquefied Waste Management E-waste Management 5. Rain Water Harvesting 350Kw Roof Top Solar along with wheeling to the grid

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE-1 Title of the Practice: Wipro Talent Next Digital Skills Readiness Program and Certification Objectives of the Practice: To train and certify the faculty members of the institution by Wipro. In-turn the trained staff members will impart necessary training on Wipro Ltd. platform for digital skills and certification. The Context: Industry needs well trained student graduates who can start working on projects without any training that needs to be imparted to a fresher. The Practice: The Institution approached Wipro Ltd. to impart necessary new age skills to our faculty members which in-turn our staff members replicate the same training module to train the students and certify the same. The institution deputed five faculty members for training at

Wipro campus in the month of January 2020. They were rigorously trained by Wipro Trainers and all the five faculty members were certified by Wipro Ltd.

Namely Digital Skills Readiness Program and Certification. Based on the performance of the faculty where 100 of the faculty who were certified, Wipro decided to extend the same kind of training on Wipro platform for Digital Skills Readiness Program and Certification. The second half of the academic year 2019-20 was most challenging year due to COVID-19 pandemic. In spite of COVID-19 pandemic the staff members enrolled 311 3rd year engineering students across three engineering programs namely, Computer Science Engg., Electronics Communications Engg. Electrical Electronics Engg. The entire program was rolled out using Microsoft Teams and Students overwhelmingly attended the program. Evidence of Success: 229 students out of 311 were certified by the Wipro under the Digital Skills Readiness Program and Certification. Out of 229 students 150 students were recruited by top notch companies namely Cognizant, TCS, Wipro, Infosys, Sonata, Integra etc. Problems Encountered and Resources Required: The initial plan was to roll out the program on an offline mode in the month of February -2020. But due to COVID-19 pandemic, faculty had to transition towards the online mode. Initially students expressed effectiveness of the online but the issues were resolved by planning the training in a much more effective manner. Students were required to purchase or borrow laptop to impart this particular training on Wipro Platform. Notes (Optional): This program has created tremendous impact and students were capable of clearing campus interview with ease and this has resulted in good number of placements. BEST PRACTICE-2 Title of the Practice: International Collaboration with International University. Objectives of the Practice: To collaborate with International University for Student and Faculty Exchange, Collaborative Research Collaborative Programs. The Context: Institution being an affiliated college, there was a need to collaborate internationally in a cost effective manner to improve the brand image and leverage best practices from international university. The Practice: The institution collaborated with Dhaka International University for Student Faculty exchange collaborative research and organizing collaborative programs. Evidence of Success: In collaboration with Dhaka International University, the institution organized five webinars were conducted and this was well appreciated by the NAAC peer Team during the inspection. In spite of pandemic the institution conducted online programs with Dhaka International University, which resulted in more visibility in the market and building the brand image of the institution and enabling us to get NAAC 'A Plus' Grade. Problems Encountered and Resources Required: The collaboration required a lot of deliberation and synchronization of the academic calendar with the Dhaka International University. This was a major challenge as the academic cycles of the institution is quite different from Dhaka International University. This required several rounds of online meetings to coordinate and organize the events. Notes (Optional): International Collaboration has given an impetus in the market which can propel our institution to the next level of being an autonomous college and in future a University.

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

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

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

In line with Vision, Mission, Quality Policy Objectives the Priority thrust is Promoting prosperity of stakeholders by expansion, excellence and equity for achieving rapid and inclusive growth for betterment of society the nation through effective teaching learning process. The institution founders envisaged

the vision of providing competent skilled workforce to the society by imparting quality education and training for the overall development in the Hyderabad Karnataka backward region [article 371J] of Karnataka as per Dr. DM Nanjundappa Committee report. The institution being an ISO certified follows systematic educational practices with focus on producing quality engineers management students for the challenges of the changing world. Some of the initiatives envisaged here as follows: The institute specially emphasizes building strong bond between student teacher with clear emphasis on Outcome Based Education (OBE), Experiential Student Centric Learning. Institution has placed a special focus for bridging the gap between Industry and Academia through Industry Institution Interaction constant development of faculty as per the technological changes. A wide variety of teaching and learning techniques are employed to impart knowledge and skills to the students. The campus facilities are continuously augmented and strengthened with due care for environment. Innovation Labs, Incubation Centres, CoE's and state of the art laboratories in collaboration with industry give the necessary platform for the students to become industry ready. The Institution has consciously put strong emphasis and close monitoring of the student through proctoring mentoring. Remedial Classes, Career Guidance, institutional sponsorship for internal external curricular, co-curricular extracurricular activities, parent teacher's meetings, and alumni meet along with extension activities give a wholesome education that enables to compete and contribute to the society. The institute has maintained Good campus placements. The departments Laboratories are equipped with state of the art equipment infrastructure facilities. The institute strength is Student-Teacher Bond, Qualified Experienced faculty with special focus on students from rural backgrounds. Due care and Encouragement is given through various clubs, student chapters forums for promoting Research, Innovation entrepreneurship for staff students. The outcome of effective teaching learning process can be measured through placements, university rank holders alumni who had an impact on the society through their contribution to the society the institution. Institution has given a tremendous thrust for the skill development which has resulted in an average 356 students placed in 2019-20 in reputed multi-national companies. Noted placements in 2019-20 academic year are: Ms. Sneha K [2020 CSE] is placed in Adobe Systems with a CTC of Rs 27.7 Lakhs per annum is the highest in the entire North Karnataka Region, Mr Vineeth Kumar [CSE 2020] placed in Informatica with a Salary of 8.12 Lakhs PA, MS. Firdous Afreen [CSE 2020] is placed in TCS with a CTC of Rs 7.02 Lakhs PA 11 Students placed in Byjus with a CTC of Rs 10.00 Lakhs PA. Above is the testimony to the growing trust among the stakeholders including the society at large.

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

- 1.Start New Engineering Program Artificial Intelligence Machine Learning
- 2.Apply 4 Patents
- 3.NBA Accreditation for EEE, Civil MBA
- 4.Train the faculty continuously in Online Pedagogy
- 5.Secure MODROB Sponsored Research Grants
- 6.Appy for Autonomous Status.
- 7.Maintain the Placement Activity in-spite of COVID19 throwing a challenge on Job Market
- 8.Tie Up with international University
- 9.Adopt a Village under Unnat Bharath Abhiyan
- 10.Expand extension activities in Covid period
- 11.Support the Govt District Administration during COVID
- 12.Innovative Extracurricular Activities by maintaining due COVID19 behavior.
- 13.Conduct IQAC related Quality Improvement activities across all the departments.
- 14.Internal External Academic and Financial Audits
- 15.Conduct Skill Development Courses for Students and Staff.