



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI
Name of the head of the Institution		DR V C PATIL
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08392237150
Mobile no.		9448006862
Registered Email		bitmiqac@gmail.com
Alternate Email		principal@bitm.edu.in
Address		Jnana Gangotri Campus, No 873/2, Ballari Hosapete Road, Allipura, BALLARI
City/Town		BALLARI
State/UT		Karnataka
Pincode		583104

<b>2. Institutional Status</b>					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		DR N GURURAJ			
Phone no/Alternate Phone no.		08392237150			
Mobile no.		9448695476			
Registered Email		bitmiqac@gmail.com			
Alternate Email		bitmbly@gmail.com			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://bitm.edu.in/aqar">http://bitm.edu.in/aqar</a>			
<b>4. Whether Academic Calendar prepared during the year</b>		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		<a href="https://www.bitm.edu.in/nacc-ssr">https://www.bitm.edu.in/nacc-ssr</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.66	2015	25-Jun-2015	24-Jun-2020
<b>6. Date of Establishment of IQAC</b>			01-Jul-2015		
<b>7. Internal Quality Assurance System</b>					
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		
Awareness program on a guidelines to crack GATE 2019.	01-Sep-2018 1		100		

Latex for beginners and advanced users.	30-Jul-2018 3	36
One day industrial visit for mechanical students to KPCL, Kuditini	20-Sep-2018 1	48
Career guidance program by Mr. Shaik Mohammed Shahid, Sr. Technical Specialist from HCL technologies, Bengaluru talk on Machine learning.	27-Apr-2019 1	100
Project exhibition for Mechanical Students by dept. of mechanical	18-May-2019 1	150

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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
BITM	NAIN OPEX	DEPT. OF IT-BT, GOVT. OF KARNATAKA	2018 1	530110

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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 complete New Electrical Block and furnish the same for class rooms, laboratories and faculty cabins.	New electrical block was inaugurated on December 31, 2018 with stateoftheart classrooms, laboratories and faculty cabins for all the staff members with a builtup area of 2,816.04 Sqm.
ED Cell activities and Incubation Centre	To foster entrepreneurship development programs were conducted and state of the art incubation centre was inaugurated viz., BRICS on 16.02.2019. Incubation centre viz., NEW AGE INCUBATION NETWORK (NAIN) was sanctioned by the KITS (ITBT Department), Govt. of Karnataka with a funding of Rs.30.00 Lakhs (to be released in phases) and Rs.10.00 Lakhs for operational expenditure. 16 projects are under the progress of incubation network.
To apply for NBA for following programs: CSE, ECE and ME and the same to be accredited.	CSE, ECE and ME were successfully accredited for three years by NBA.
Improve the academic results.	1st year engineering results increased by 2 compared to last academic year.
ISO Certification from ISO 9001:2008 to ISO 9001:2015	ISO 9001:2015 Certification was successfully obtained.
To improve the on campus Placements by giving rigorous training.	On campus placements increased by 35.73 and overall placement was maintained. Off campus placements are still under progress.
To improve the soft skills the students which will enable them for campus placements.	430 - 3rd year students from engineering were certified by Infosys for soft skills.

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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name of Statutory Body</td> <td style="width: 50%; text-align: center;">Meeting Date</td> </tr> <tr> <td style="text-align: center;">Governing Body</td> <td style="text-align: center;">22-Jun-2019</td> </tr> </table>		Name of Statutory Body	Meeting Date	Governing Body	22-Jun-2019
Name of Statutory Body	Meeting Date				
Governing Body	22-Jun-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	19-Nov-2018				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	16-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<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 and all information on student admission, examinations, marks, fee payments, etc., is available for timely decision making and actions. The College library is also automated and the information regarding availability of books, issue details, etc., is available to the students and staff at finger tips. 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</p>				

Report IQAC Monthly Presentation  
 Management Review Meetings Budget  
 Meetings IQAC Quarterly Meetings  
 Semester Progress Report Annual Report  
 Governing Council.

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

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 consists of commencement date and last working date, dates for conduction of the internal assessment tests. Department wise calendar of events is prepared. Thereafter, the faculty members of various departments conduct their internal meetings and develop academic plans such as timetables, lesson plans, and course files for the coming academic year. Teachers are encouraged to plan in advance to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, industrial visits apart from regular lecture sessions and the same is taken for approval from their Head of Department and the Principal. Thereafter the lesson plans are prepared by the respective faculty in accordance with the curriculum. Lesson plans and subject course files are maintained by each faculty for their respective subjects allotted, which is reviewed on continuous basis by the review committee. The following criteria have been followed in effective implementation of the curriculum We have a predefined college calendar following the university dates regarding the schedule of the semester sample of the academic calendar copy will be available for inspection during peer committee visit. Lesson plan is made according to the college calendar for each semester. As part of our plan in implementing the curriculum, we have scheduled internal assessment tests minimum of three tests per semester for all the students. Apart from regular classes we have case study presentation, Guest Lecturers workshop hours to enhance the capability of students in presenting the topics related to the curriculum. Identification of above average students and motivating them towards excelling in their academic performance. Identification of academically weak students and conducting the remedial classes so as to raise their academic performance. Organizing expert lecture series, workshops, and guest lecture to encourage industry academia interface among students and faculty members on a regular basis. Industrial visits are arranged for the students to be familiar with the industry process to study in the curriculum.

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
Student development Program on "IBM Work lite"	NIL	23/09/2018	6	Employability	Opportunity to students to increase their knowledge

and acquire skills on best in class IBM software

Student Development Program on "Cloud computing Blue Mix

NIL

23/10/2018

7

Employability

Opportunity to students to increase their knowledge and acquire skills on best in class IBM software

Flexible Manufacturing System FMS

NIL

01/08/2018

114

Employability

FMS certificate course improves the programs skills and develop an ability to write the program individually.

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL AND NOT APPLICABLE	01/01/2019
<a href="#">View File</a>		

### 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
BE	Engineering	01/08/2018
MBA	Management	01/09/2018
Mtech	Engineering	01/09/2018

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

	Certificate	Diploma Course
Number of Students	385	0

## 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
Python Training by Dlite, Bangalore	23/06/2018	91
Technical Training by J Q Spiders	16/01/2019	67

CGI Company Specific Training	02/09/2018	84
Infosys and Wipro Company Specific Training	10/11/2018	122
TCS Company Specific Training	29/08/2018	110
Cap Gemini and Syntel Company Specific Training	25/02/2019	86
Aptitude and Soft skills training by Innovation Unlimited Solutions Ltd.	09/07/2018	352
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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	682
Mtech	Engineering	25
MBA	Management	160
<a href="#">View File</a>		

## 1.4 – Feedback System

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

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p><b>FEED BACK ANALYSIS</b> Analysis of Employers Survey &gt; Based on the analysis of the Employers survey the employers have indicated to improve industry oriented courses for Skilled Development and increase the research activity among faculty and develop problem solving and research mind set among students. &gt; The analysis also provides input towards developing project management s skills and increase the usage of modern tools for student development. &gt; Students should improve to develop ability to solve complex problems, team work and ethics.</p> <p>Analysis of Alumni Survey &gt; Based on the analysis of the Alumni survey the following aspects have been indicated by the Alumni for the overall development of the institution. &gt; Alumni have indicated to improve skills through new methodologies and by using modern tools, design and development process among the students. &gt; Team working ability by displaying the leadership, qualities, management skills and ability to solve complex problems through research mind set. &gt; Alumni s have indicated to improve project management and finance for lifelong learning.</p> <p>Analysis of Parent Feedback &gt; Based on the inputs and feedback from the parents, it is clearly highlighted, the institute should set up centre of excellences and sign MoU s with top companies for skill development. &gt; Also the parents indicated to provide the modern facilities in the institution for overall development of the students. &gt; Parents have</p>



indicated to conduct more workshop on modern technologies and also encourage the students for research. > Also develop students with good ethics and values. Students should also be encouraged to participate in external competitions. So that they develop personality, boldness and courage to face the real life world.

## 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
BE	Engineering	882	606	605
Mtech	Engineering	108	35	35
MBA	Management	180	171	171

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3145	350	174	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
204	208	12	35	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 counsellors are available to all the students who are counselled 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 cocurricular, 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 counsellors 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
3491	208	1:17

## 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
210	194	10	12	2

### 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
2018	Dr. Raghavendra Joshi	Professor	Innovative Technological Researcher and Dedicated Best Academician Award, Global Professionals Educationalist Awards and Honours Convocation 2018,
2018	Dr Yadavalli Basavaraj	Professor	Distinguished Leader in Engineering, Venus International Foundation, Chennai, Tamil Nadu, India.

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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

BE	CSE, EEE, ECE, MECH, CIVIL	I, III, V and VII Semester	24/11/2018	15/02/2019
BE	CSE, EEE, ECE, MECH, CIVIL	II, IV,VI and VIII Semester	25/05/2019	15/08/2019
MBA	MBA	I,III	07/01/2019	14/03/2019
MBA	MBA	II,IV	17/06/2019	15/08/2019
Mtech	CNE, DE, VLSI, PE, DE	I,III	07/01/2019	14/03/2019
Mtech	CNE, DE, VLSI, PE, DE	II,IV	17/06/2019	15/08/2019
<a href="#">View File</a>				

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 teachers of all 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)

<http://www.bitm.edu.in/wp-content/uploads/2019/06/CO-CSE.pdf>

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
CSE	BE		160	152	95
ECE	BE		200	189	94.50
ME	BE		269	257	95.54
EEE	BE		133	111	83.46
CIVIL	BE		108	94	87.40
CNE	Mtech		1	1	100
DE	Mtech		2	2	100
VLSI	Mtech		4	1	25
DE ME	Mtech		9	7	77.78
PE	Mtech		9	6	66.67
MBA	MBA		125	66	52.80

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## 2.7 – Student Satisfaction Survey

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

<http://www.bitm.edu.in/wp-content/uploads/2019/06/Feedback-SSS.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	04	VGST, GOK	20	10
<a href="#">View File</a>				

### 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
Empowerment of Entrepreneurship and Skill	ED CELL	05/11/2018
Karnataka Startup Yatra	ED CELL	11/12/2018
FDP Analysis using SPSS	MBA	29/04/2019
Interaction Program on Entrepreneurship	ED CELL	01/02/2019
Ideathon	ED CELL	16/02/2019

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
Experimental investigation on AI 203 on bottom ash reinforced on aluminium metal matrix composition for structural application.	Mr. Ajay B	KSCST	26/07/2019	OPEN
Experimental investigation on AI 203 on bottom ash reinforced on aluminium metal matrix composition for structural application.	Mr. Shaik Sameer Basha	KSCST	26/07/2019	OPEN
Experimental investigation on AI 203 on bottom ash reinforced on aluminium metal matrix composition for	Mr. Shamshuddin	KSCST	26/07/2019	OPEN

structural application.				
Institutional best practices	BITM	AICTE	26/02/2019	Open
<a href="#">View File</a>				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
BITM	BRICS	KBITS GOK	Bio World	Hardware Application	16/02/2019
BITM	BRICS	KBITS GOK	Caring Hearts	Software Application	16/02/2019
BITM	BRICS	KBITS GOK	Photo Voltaic Thermal Fruit Dryer	Hardware Application	16/02/2019
BITM	BRICS	KBITS GOK	Mini Oven	Hardware Application	16/02/2019
BITM	BRICS	KBITS GOK	Robotic Harvesting	Firmware Application	16/02/2019
BITM	BRICS	KBITS GOK	Drowsiness Detection System	Firmware Application	16/02/2019
BITM	BRICS	KBITS GOK	Lost Item Bureau	Software Application	16/02/2019
BITM	BRICS	KBITS GOK	I Tech Shoes	Firmware Application	16/02/2019
BITM	BRICS	KBITS GOK	Agri Cold	Hardware Application	16/02/2019
BITM	BRICS	KBITS GOK	Legit mate	Software Application	16/02/2019
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
ECE	1
ME	1
MBA	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)
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National	CSE ECE EEE ME CIVIL MBA PHYSICS CHEMISTRY MATHS	7	0
International	CSE ECE EEE ME CIVIL PHYSICS MBA	98	4.14
<a href="#">View File</a>			

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
CIVIL	2
ME	10
MBA	1
ECE	20
<a href="#">View File</a>	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Simulation and experimental implementation of a multilevel inverter topology with reduced components	Sharana Reddy	International Journal for research in applied science and engineering technology	2019	0	BITM, Ballari	0
Simulation and Experimental Analysis of Common Mode Voltage and Bearing Voltage in Multiple Motors Fed by Single PWM Inverter for Long Cable Applications	Sharana Reddy	International Journal of Recent Technology and Engineering IJRTE	2019	0	BITM, Ballari	0
Graph based	Mrs.Renuka Sagar Dr.U	IJSER	2019	0	BITM, Ballari	0

scheme for energy consumption model for performance analysis in WSN	.Eranna					
Study of Properties of Banana Fiber Reinforced with Jute Fiber	Mrs.Lakshi Kumari	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Studies on Wear and Bending Properties of AMMC s reinforced with bottom Ash	Mr.Raghavendra Karnool Mr .Rajashekar K	International Journal For Research in Applied Science and Engineering Technologies	2018	0	BITM, Ballari	0
Studies on Quality Practices in Small and Medium Scale Industries Using Statistical Tools	Mrs.Lakshmi Kumari	International Journal of Mechanical Engineering and Technology. Volume 9, Issue 9, September 18	2018	0	BITM, Ballari	0
Security concern to simulate the smartgrid	Abdul Khadar A	International Journal of Management Technology and Engineering	2018	0	BITM, Ballari	0
Secured Offline Data Synchronization using Speech Recognition and Artificial Intelligence.	Mr. Jagadish R M	IJSSST	2018	0	BITM, Ballari	0
Review on Non Ferrous	Dr.Umesh Daivagna Mr.Santosh	International Research	2018	0	BITM, Ballari	0



Materials for sliding contact bearing	V Janamatti Mr.Suraj V Yadahalli	Journal of Engineering and Technology				
Production of Biodiesel Using Mustard oil and its Performance Evaluation in CI Engine	Mr.Vishnu Prasad	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Preparation of AMMCs with Nano sized reinforcement by Stir casting Process with Various Techniques	Mr.Maharaja Gouda B	Journal of Emerging Technologies and Innovative Research	2018	0	BITM, Ballari	0
Pneumatic Ramming Machine	Dr. U M Daivagna	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Modelling of Self diagnosis Predictive Maintenance System using Industrial Internet of Things	Mr. Ulaganathan Dr.K.M Sadyojatha Mr. Abdul Lateef Mr. Raymond	IEEE, ICEECCOT	2018	0	BITM, Ballari	0
Modelling Approach to Select Potential Joints for Enhanced Action Identification of Human	Mr. Abdul Lateef Dr.U. Eranna	IEEE, ICEECCOT	2018	0	BITM, Ballari	0
LPG Based Refrigerat	Mr.Pavan B S	International	2018	0	BITM, Ballari	0

ion System		Research Journal of Engineering Technology				
Internet of Things IoT as tool for secondary sector industrial supply chain	Mr. Raymond Dr.K.M Sadyojatha Mr. Abdul Lateef Mr. Ulaganathan	IEEE, ICEECCOT	2018	0	BITM, Ballari	0
Insights of smart city and smart shopping techniques using IoT	Mr. Abdul Lateef Dr.U. Eranna Mr.Raymond Mr. Ulaganathan	IEEE, ICEECCOT	2018	0	BITM, Ballari	0
Health Analysis and Natural Language Understanding using Machine Learning Approach	Mrs. Swetha Mr. Abdul Lateef	IEEE, ICEECCOT	2018	0	BITM, Ballari	0
Gravity Powered Light	Mr.Raghavendra K	IJSART	2018	0	BITM, Ballari	0
Finite Element Analysis on Stem Pipe Used in Deep Water Pipe Line Installation	Dr.Shivaram j A M	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Fabrication of Kinematic Walker	Dr. V V Ramana	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Fabrication of Air Brake System Engine	Mr.Shree Harsha B T	International Journal For Technological	2018	0	BITM, Ballari	0

Exhaust		Research in Engineering				
Fabrication and Prototyping of Portable Compost Machine	Mr.Santosh Diwatar	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Experimental Study on Mechanical Properties of Zn Metal Matrics with B4C Reinforcement	Mr.Santosh V Janamatti	Journal of Applied Science and Computations	2018	0	BITM, Ballari	0
Design of Area Effective Full Adder Using Gate Diffusion Input Logic	Mr.Premach and Dr.U.E ranna Mr. Abdul Lateef	IEEE, ICEECCOT	2018	0	BITM, Ballari	0
Design and Finite Element Optimization of Testing Fixture for Engine Brake System	Dr.Raghavendra Joshi Mr. Shivakumar S Y	International Journal of Ignited Minds, Volume 05 Issue 12 Dec 18	2018	0	BITM, Ballari	0
Design and Fabrication of Double Side Hacksaw Machine	Dr. U M Daivagna	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Design and Fabrication of a Remote Controlled Hydraulic Jack	Dr.Raju Jadar	International Research Journal of Engineering Technology	2018	0	BITM, Ballari	0
Defect reduction in a	Dr.Yadavalli Basavaraj.	Management Science Letters	2018	0	BITM, Ballari	0

capacitor manufacturing process through six sigma concept A case study						
An Approach to sense Carbon Monoxide by MQ 7 sensors and to increase lifetime of WSN using MMBS protocol.	Dr. R.V. Biradar	Dr. R.V. Biradar	2018	0	BITM, Ballari	0
<a href="#">View File</a>						

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
Fabrication of Air Brake System Engine Exhaust	Mr.Shree Harsha B T	International Journal For Technological Research in Engineering	2018	0	0	BITM, Ballari
Fabrication and Prototyping of Portable Compost Machine	Mr.Santosh Diwatar	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
Experimental Study on Mechanical Properties of Zn Metal Matrics with B4C Reinforcement	Mr.Santosh V Janamatti	Journal of Applied Science and Computations	2018	0	0	BITM, Ballari
Design and	Dr.Raghave	Internatio	2018	0	0	BITM,

Finite Element Optimization of Testing Fixture for Engine Brake System	ndra Joshi Shivakumar S Y	nal Journal of Ignited Minds, Volume 05 Issue 12 Dec 18				Ballari
Design and Fabrication of Double Side Hacksaw Machine	Dr. U M Daivagna	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
Design and Fabrication of a Remote Controlled Hydraulic Jack	Dr.Raju Jadar	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
Defect reduction in a capacitor manufacturing process through six sigma concept A case study	Dr.Yadavalli Basavaraj.	Management Science Letters	2018	0	0	BITM, Ballari
An Efficient Activity Detection System based on Skeleton Joints Identification	Mr. Abdul Lateef Dr.U. Eranna	International Journal of Electrical and Computer Engineering	2018	14	385	Dept. of ECE, BITM
A Simplified Machine Learning Approach for Recognizing Human Activity	Mr. Abdul Lateef Dr.U. Eranna	International Journal of Electrical and Computer Engineering	2018	14	24	Dept. of ECE, BITM
Study of Properties of Banana Fiber Re	Mrs. Lakshmi Kumari	International Research Journal of	2018	0	0	BITM, Ballari

in forced with Jute Fiber		Engineering Technology				
Studies on Wear and Bending Properties of AMMC s reinforced with bottom Ash	Mr.Rajashekar K	International Journal For Research in Applied Science and Engineering Technologies	2018	0	0	BITM, Ballari
Studies on Wear and Bending Properties of AMMC s reinforced with bottom Ash	Mr.Raghavendra Karnool	International Journal For Research in Applied Science and Engineering Technologies	2018	0	0	BITM, Ballari
Studies on Quality Practices in Small and Medium Scale Industries Using Statistical Tools	Lakshmi Kumari	International Journal of Mechanical Engineering and Technology. Volume 9, Issue 9, September 18	2018	0	0	BITM, Ballari
Studies on Al 7075 and Sic Metal Matrics Composites	Dr.Ravi V	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
Single Plane Mass Balancing of Generator Rotor Cont emplating Vibration Amplitude Response	Ganesh B	International Journal of Innovative Research in Science Engineering and Technology, Volume 7, Issue 8, August 18	2018	0	0	BITM, Ballari
Review on Non Ferrous	Dr. Umesh Daivagna Santosh V	International Research	2018	0	0	BITM, Ballari

Materials for sliding contact bearing	Janamatti Suraj V Yadahalli	Journal of Engineering and Technology				
Production of Biodiesel Using Mustard oil and its Performance Evaluation in CI Engine	Mr.Vishnu Prasad	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
Preparation of AMMCs with Nano sized reinforcement by Stir casting Process with Various Techniques	Mr.Maharaja Gouda B	Journal of Emerging Technologies and Innovative Research	2018	0	0	BITM, Ballari
Power Allocation Optimization for Fading Channels in Cognitive Radio Networks	Mr. Fareduddin	International Journal of Advanced Computer Research	2018	0	0	BITM, Ballari
Pneumatic Ramming Machine	Dr. U M Daivagna	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
LPG Based Refrigeration System	Mr.Pavan B S	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
Gravity Powered Light	Mr.Raghavendra K	IJSART	2018	0	0	BITM, Ballari

Finite Element Analysis on Stem Pipe Used in Deep Water Pipe Line Installation	Dr. Shivaram j A M	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari
Fabrication of Kinematic Walker	Dr. V V Ramana	International Research Journal of Engineering Technology	2018	0	0	BITM, Ballari

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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	4	8	15	0
Presented papers	7	3	0	0
Resource persons	0	1	0	0

[View File](#)

### 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
WORLD LITERACY DAY	NSS UNIT, BITM	5	30
WORLD TOBACCO DAY	NSS UNIT, BITM	6	42
WORLD ENVIRONMENTAL DAY	NSS UNIT, BITM	5	71
YOGA FOR HAPPINESS	NSS UNIT, BITM	10	350
INTERNATIONAL WOMENS DAY	NSS UNIT, BITM	15	1200
SWACHH PAKHWADA	NSS UNIT, BITM	10	90
YOUTH FOR SEVA	NSS Volunteers VTU CHRIST University	0	5
ELECTROL LITERACY CLUB	NSS Volunteers staff and students Allipur villagers	8	65
Kolagal village Adopted and Distributed 1,162	NSS Volunteers staff and students Kolagal villagers	10	58



steel plated school students.			
Yuva Red Cross Unit	NSS Volunteers staff and students FIRST AID BLOOD DONATION WORLD AIDS DAY IRCS VIMS RED RIBBON CLUB	40	325
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation	Highest Units of Blood Donated	Red Cross Society and VIMS	300
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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
7 Days special Training camp	NSS Volunteers staff	VTU NSS UNIT BITM NSS UNIT	5	50
YOGA FOR HAPPINESS	NSS Volunteers staff and students	BDAA Ground	8	350
INTERNATIONAL WOMENS DAY	NSS Volunteers staff and students	Women s Empowerment programme Health and Nutrition of Women Dr. Medhini Dr. Shilpa	10	1200
"SWATCHHTA PAKHWADA" Creating Awareness about Cleanliness	NSS Volunteers staff and students	Clean the campus day Clean hostel day Clean Mess day Clean surroundings day roads leading to the institution care for the surroundings.	12	90
<a href="#">View File</a>				

### 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
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Publications	CSE 103	BITM R and D Fund	180
Wipro Technology learning centre inter disciplinary projects	30	BITM	365
Student Exchange	1	BITM	90
Faculty Exchange	5	BITM	2
E Yantra Lab	15	BITM	120
Publications	ECE 24	BITM R and D Fund	180
Publications	ME 12	BITM R and D Fund	180
<a href="#">View File</a>			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Skill Development	Training	SIR MV Skills	01/01/2019	31/05/2019	68
Internship	Industry	NMDC	11/07/2018	09/08/2019	24
Internship	Industry	Nirmithi Kendra	11/07/2018	10/08/2018	24
Internship	Industry	PWD, BALLARI	07/07/2018	07/08/2018	24
Internship	Training	Jindal Steel works	10/01/2019	09/02/2019	15
Internship	Training	Edge Technology	10/01/2019	09/02/2019	1
Internship	Training	Raylog Private Limited	10/01/2019	09/02/2019	2
Internship	Training	CIP Software Technology	10/01/2019	09/02/2019	1
Internship	Training	Mitras IT solutions	10/01/2019	09/02/2019	2
Internship	Training	Techciti Technologies Limited	10/01/2019	09/02/2019	2
Internship	Training	Celsstial V solutions	10/01/2019	09/02/2019	9
Internship	Training	RCAS Software solutions	10/01/2019	09/02/2019	2
Internship	Training	GVS India Private Ltd.	10/01/2019	09/02/2019	22

Internship	Training	Aarika Info Systems Private Ltd.	10/01/2019	09/02/2019	7
Internship	Training	Pragmatic Embed Solutions	10/01/2019	09/02/2019	7
Internship	Training	Tech Fortune	10/01/2019	09/02/2019	13
Internship	Training	Dlithe	10/01/2019	09/02/2019	18
Internship	Training	J Q spiders	10/01/2019	09/02/2019	67
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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
SIR MV Skills	12/12/2018	Training and Placement	68
Renewal of Infosys Campus Connect	25/10/2018	To impart Technical and soft skill training to students.	616
<a href="#">View File</a>			

## 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
126	138

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Newly Added
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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
EASY LIB	Fully	4.4.2	2008

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	89384	22820131	592	217677	89976	23037808
Reference Books	9310	2398087	69	31050	9379	2429137
Journals	131	1991947	165	408353	296	2400300
e-Journals	8611	14404616	1681	2486750	10292	16891366
Digital Database	1	0	1	0	2	0
CD & Video	3554	0	17	0	3571	0
Library Automation	1	117000	0	0	1	117000
Weeding (hard & soft)	0	0	2751	906357	2751	906357
e-Books	13235	720840	11111	0	24346	720840
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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
Dr. R. N. Kulkarni	Software Engineering Web Quiz	Instructional LMS	01/08/2018
Mr. Girish	C Programming	Module	16/09/2018
Dr. Raghavendra P	Renewable Energy	Module	30/09/2018
Mr. Naseeruddin	Basics of Embedded System	Module	03/10/2018
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1044	763	105	0	0	29	116	180	0
Added	0	0	0	0	0	0	0	0	0
Total	1044	763	105	0	0	29	116	180	0

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

180 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
NPTEL	<a href="http://www.nptel.ac.in">www.nptel.ac.in</a>
NDL	<a href="https://ndl.iitkgp.ac.in">https://ndl.iitkgp.ac.in</a>

**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
12.55	17.91	111	121

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)

The College has clear policies and procedures to create, maintain and upgrade the Infrastructure for enhancing the Teaching Learning process at regular intervals of time. We consider Human resource as the pivotal and most important assets and follow proper systems and processes to recruit, maintain, and retain our Staff members in Teaching, Technical and Administrative roles. We also provide impetus on expending the budgets in creating and maintaining state of the art Facilities in terms of Buildings, Student spaces, Laboratory equipment, teaching aids, Learning resources, etc to enhance the overall student experience at our institution. Classrooms We have adequate number of spacious Classrooms with proper ventilation and natural lighting for conducting Theory classes. Ergonomically designed benches have been provided for students. Teaching aids. White Boards and Green boards are available in the Campus Classrooms with LCD Projectors Classrooms with Wi Fi LAN enabled Internet connectivity in the Classrooms Seminar halls Seminar halls with state of the art ICT facilities to conduct College level Events, State, National and International Conferences, Workshops and Symposia. Laboratories Workshops All the Laboratories Workshops are well equipped with latest state of the art equipment s and materials not only to cater towards imparting of Curriculum related aspects to students as well go a level above in acting as a catalyst to motivate students to engage in Research related activities too. Main and Departmental Libraries The Library set up consists of the Main Library along with Departmental Libraries, which collectively support the educational needs of students belonging to all the programmes specializations being offered on campus. The Libraries contain a vast collection of Semester books, Reference books, Competitive exam books, Bound volumes, Journals, Conference proceedings, e Books, CD s DVD s, student Thesis, Dissertations, Periodicals, e Journals, etc. Library automation The Library has fully automated all its services by implementing EasyLib software for all Library related activities in the year 2016. e Journals e Resources e Journals e Resources have been subscribed to by the college through the VTU Consortium. Digital Library Resources The Library is subscribing to e Resources for all the Programmes, namely Undergraduate, Postgraduate, through the Visvesvaraya Technological University V.T.U e Resources Consortium. Issuance and return of books Issuance Circulation of Books Semester books for UG and PG sections will be issued for readers. Reference Services Reference books are for reference only inside the respective

Libraries not issued to readers Book Bank Facility This facility is provided exclusively for SC ST students additional books are issued apart from the books in the stack area each semester. Reprographic Services are centralized Sports and Extra curricular activities The college gives importance to all round development of its students by encouraging them to participate in sports and cultural activities to stay physically fit as well as improve their creativity, interpersonal and organizing skills. Computers and Peripherals, Network Infrastructure Preventive Routine maintenance is handled by the respective department technical staff.

<https://www.bitm.edu.in/student-code-of-ethics>

## 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	Fee Concession and Economical Scholarship	227	2382600
Financial Support from Other Sources			
a) National	Govt. of Karnataka OBC, SC, ST Scholarships	2085	54591435
b) International	00	0	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 implementation	Number of students enrolled	Agencies involved
Technical training	01/03/2019	350	BITM
C plus plus programming lab	01/02/2019	180	BITM
Bridge course object oriented program	01/02/2019	180	BITM
Soft skill training	30/04/2019	780	Innovation Unlimited Solutions
Nonconventional energy lab	03/11/2018	130	BITM
Bridge course for lateral entry students	01/09/2018	206	BITM
Yoga by Ayurvedic college	18/08/2018	600	BITM
Remedial classes for weak students	16/08/2018	606	BITM
Personal counselling and mentoring	01/08/2018	3491	BITM

Aptitude and Soft Skills Training	09/07/2018	352	Innovation Unlimited Solutions.
<a href="#">View File</a>			

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	Awareness session on IT Industry Expectations from a fresher perspective	0	328	0	0
2019	Career Opportunities for Indian Professionals in Japan.	0	287	0	0
2019	Career Guidance on Overseas Education.	0	297	0	0
2019	Awareness session on Data Analytics.	0	314	0	0
2019	Higher Studies and foreign Languages.	0	350	0	0
2019	Expectation of Industry on a graduate and Current Trends in IT Software.	0	580	0	0
2019	Career Counselling Session on Preplacement Preparation and Placement Opportunities.	0	468	0	325
2019	Career Guidance	0	132	0	0

	Session				
2019	Career Guidance Session on Goal Settings How to achieve your career Goals.	0	600	0	0
2019	"Self Discipline, Mind Control, Time Management, Goal Settings, Leadership Qualities and Event Management Skills."	0	600	0	0

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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
5	5	7

## 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
L and T Technologies SLK Software CGI MindTree Tayana Software Talent Pathway CollegeDekho Artech Infosystems Global Edge Software Wipro IndiaMart Autoliv India Verifone Bosch	487	301	TCS Cognizant Infosys DotBall Acuvate Rapyder HDFC Bank Customised Solutions JSW ME and EEE JSW ECE and CSE W3GLOBAL	186	81



Automotive Verizone Capgemini LandPoint surveys InfraSupport Engg Consulta					
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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
2018	2	B.I.T.M.Ballari	EEE	B.I.T.M.Ballari	Power Electronics
2018	1	BITM	CIVIL ENGG	BMS	TEandM
2018	1	BITM	CIVIL ENGG	RV	HE
2018	1	BITM	CIVIL ENGG	RV	STR
2018	2	BITM	CIVIL ENGG	RYMEC	STR
2018	2	B.I.T.M.Ballari	EEE	B.I.T.M.Ballari	Power Electronics
2018	1	BITM	CIVIL ENGG	BMS	TEandM
2018	1	BITM	CIVIL ENGG	RV	HE
2018	1	BITM	CIVIL ENGG	RV	STR
2018	2	BITM	CIVIL ENGG	RYMEC	STR

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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
GATE	1
Any Other	1
Any Other	1
Any Other	1
Any Other	1
Any Other	1
Any Other	1
Any Other	1

[View File](#)

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

Activity	Level	Number of Participants
Foot Ball M	2nd Place Gulbarga Zone	18
Kho Kho M	1st Place Gulbarga Zone	13

Cricket M	2nd Place Gulbarga Zone	18
VTU Youth Festival Mr. Mallikarjuna Reddy Photography	2nd Place	45
21st ATHLETIC MEET MR. YASHWANATH, HAMMER THROW W	2nd Place VTU Athletic Meet	21
Basket Ball M	2nd Place Gulbarga Zone	13
TABLE TENNIS W	1st Place Gulbarga Zone	4
Badminton	2nd Place Gulbarga Zone	6
<a href="#">View File</a>		

### 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
2018	Best Photography	National	0	1	0	Mallikarjun
2018	Hammer Throw	National	1	0	0	Yashvanth
<a href="#">View File</a>						

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

The College creates a platform for the active participation of the students in the various academic and administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Selection, Constitution, Activities and Funding Class representatives will be selected from each section from 1st year to Final year. The student representative brings forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class. The student representatives share ideas and interact with lecturers and principals. The student representatives also help to raise funds for activities including Social events, Community projects, helping people in need and college reforms Various programs like paper presentations, workshops and Seminars are organized by these bodies every year. The funding for various activities of the internal college bodies is provided by the College Management.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

BITM Alumni Association Registered BITM Alumni Association is a Registered under the Karnataka Societies Registration Act 21 of 1960, under Registration No.BLY S287 2015 16, Dt 14 12 2015 and its office is located at BITM Campus. The Aims and Objectives A. To provide a forum for the old students of the College to meet and discuss the matters of common interest. B. To promote the interests of the College and its past and present students. C. To promote goodwill and mutual assistance among the members. D. To contribute to the cause of technical education by sharing the experience of those in the field. E. To help the authorities to improve the academic and cultural activities of the

college. F. To co operate with the students in literary, cultural and sports activities of the college. G. To help the members in employment and service matters without interfering in the policies of their employers. H. To arrange and conduct programmes of general and technical nature. I. To co operate with other such bodies for the same ends. J. To promote other matters beneficial to prospects of the association. K. To extend financial help to economically backward and deserving students in form of scholarship for UG and PG of the institution. L. Any other activities that the general body may decide from time to time.

5.4.2 – No. of enrolled Alumni:

508

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

243000

5.4.4 – Meetings/activities organized by Alumni Association :

05

## **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 welldefined 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 to take 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
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.
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.
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.
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.
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 960 computers are

	available for all the Staff and Students.
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.
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 Q Spider, NI, Texas Instrument, Automation Anywhere University. eYantra robotics lab, IIT, Bombay.
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.

#### 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. Student 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
2018	Mrs. Swetha N.	IEEE ICEECCOT 18	IEEE	4100
2018	Mr. Premachand D R	IEEE ICEECCOT 18	IEEE	4100
2018	Mr. Abdul Lateef	IEEE ICEECCOT 18	IEEE	4100
2018	Mr. Raymond I	IEEE ICEECCOT 18	IEEE	4100
2018	Mr. Ulaganathan J	IEEE ICEECCOT 18	IEEE	4100
2019	Dinesh K	One Day International Conference on "Advance and Innovative Practices in Commerce and Management, Science and Technology, Humanities, Languages and their Role in Achieving the exponential growth" Applied Econometrics for Business and Finance	Shri Venkatesh Maha Vidyalaya, Ichalkaranji Kolhapur. Maharashtra Poona Institute of Management Science and Ent repreneurship, Pune Presidency University, Bangalore	6000
2018	Sushma B	Workshop on next generation energy storage materials: challenges and opportunities	Dayananda sagar university Banglore	2000
2018	Sharan kumar T M	Hands on trainning: new generation materials for energy storage devices (NGMSED-2018)	East West institute of technology Bangalore	2500
2018	Mr.Tanu	Effective teaching,	Vivekananda College of	750

		reserch construction practices in civil engineering FDP VISTARA at Puttur-2018	Engg. Puttur	
2019	M Swetha.K.C	One day workshop ON Soil and water conservation	VTU Belagavi	1500
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	NIL	Eduwize Awareness Program	13/08/2018	13/08/2018	0	5
2018	Three day FDP on Applications of Advanced Softwares in a Const ruction field	NIL	23/03/2019	24/03/2019	12	0
2018	FDP on Outcome Based Education	NIL	17/06/2019	19/06/2019	35	0
2018	FDP on Data Analysis using SPSS	NIL	29/04/2019	30/04/2019	10	0
<a href="#">View File</a>						

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
Analysis and Design of Pavement and Highway Geometry	3	02/07/2018	02/07/2018	1

Application of Advance Soft wares in Civil Engg in Construction Field	15	22/03/2019	24/03/2019	3
VTU sponsored FDP on "BIG DATA ANALYTICS"	1	21/01/2019	25/01/2019	5
NPTEL Hardware Modelling using Verilog	1	01/08/2018	01/10/2018	60
One Week FDP on Metamaterial antennas and optimisation techniques	1	03/12/2018	08/12/2018	6
NPTEL Discrete Time Signal Processing	1	01/08/2018	18/09/2018	45
COURSERA Linear Circuits 1 DC ANALYSIS	1	20/08/2018	24/09/2018	35
Refresher program on "Recent Advances in Smart Grid Technology"	2	21/01/2019	26/01/2019	6
Applied Econometrics for Business and Finance School of Management, Presidency University Bengaluru	1	22/02/2019	23/02/2019	2
Business Analytics "A Management tool" Department of Studies in Management, GM Institute of Technology, Tumkuru, Karnataka	1	07/02/2019	08/02/2019	2
Faculty Development Programme on Outcome Based Education	110	17/06/2019	19/06/2019	3



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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
14	14	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Provident Fund PF Group gratuity Employees State Insurance ESI Casual Leave 15 days per annum Earned leave 30 days for non vacation category, 10 days 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>

**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
S. R. Constructions	58200	CIVIL Constructions fee collected by Civil Department

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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 Agency	Yes	ISO 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 teachers meet once in a semester during a weekend. The parents are invited by faculty of all the departments. Student s 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 skillbased training Improvement programme The support staff are provided with health facilities, uniform. Training on Swaach Bharath Abhiyaan. Given information about ill effects of tobacco. Regular health checkups.

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
2018	Latex for beginners and advanced users.	30/07/2018	30/07/2018	01/08/2018	36
2018	Awareness program on a guidelines to crack	01/09/2018	01/09/2018	01/09/2018	100

	GATE 2019.				
2018	One day industrial visit for mechanical students to KPCL, Kuditini	20/09/2018	20/09/2018	20/09/2018	48
2019	Career guidance program by Mr. Shaik Mohammed Shahid, Sr. Technical Specialist from HCL technologies, Bengaluru talk on Machine learning.	27/04/2019	27/04/2019	27/04/2019	100
2019	Project exhibition for Mechanical Students by dept. of mechanical	18/05/2019	18/05/2019	18/05/2019	150

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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
International Women s Day	08/03/2019	08/03/2019	124	68
World AIDS awareness program	01/12/2018	01/12/2018	100	135
Guest lecture on personal care and hygiene	23/02/2019	23/02/2019	180	120
Lecture and video presentation on mental health	08/08/2019	08/08/2019	0	340

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

60

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	0
Scribes for examination	Yes	2
Special skill development for differently abled students	No	0
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	3	3	25/10/2018	1	Engineering as a Career1	Scopes and opportunities in Engineering	320
<a href="#">View File</a>							

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

Title	Date of publication	Follow up(max 100 words)
SERVICE RULES, POLICIES, PROCEDURES and EMPLOYEE HANDBOOK (REVISED JUNE 2014)	01/07/2018	Service Rules Policies and procedures is clearly defined and the same is circulated to all the staff. The details are available in the following link: <a href="https://www.bitm.edu.in/studentcodeofethics">https://www.bitm.edu.in/studentcode of ethics</a>
Student Code of Ethics	01/08/2018	Every student is expected to represent him or herself honestly and respectfully in all situations. Students are expected to maintain the

highest standards of academic integrity. Students are expected to adhere to the rules and regulations set at/by the National / State / District / College. Students are prohibited in using mobile phones in the class and during any other academic activity. Students should compulsorily wear College ID Card and should be visible. Students shall be guaranteed that their Freedom of Speech will be observed by all college members. Students must behave respectfully toward their peers, teaching and nonteaching Staff.

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

Activity	Duration From	Duration To	Number of participants
Induction Program for First year B.E. Students	13/08/2018	31/08/2018	600
Introduction to general aptitude	09/08/2018	09/08/2018	550
Lecture by HOD on Patriotism, Honesty, Integrity	10/08/2018	10/08/2018	524
Awareness on Anti Ragging, Drug abuse and Prevention of Sexual Harassment on Women	11/08/2018	11/08/2018	581
Induction program for PG students and Awareness on Plagiarism	06/10/2018	06/10/2018	185
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

300 KWp Rooftop Solar Energy Park. Rain Water Harvesting System. E-Waste segregation. LED Lightings. Exclusively Swaach Bharath Waste Collection Van was procured for waste disposal in scientific manner.

## 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**INFOSYS SOFT SKILLS CERTIFICATION:** Soft skills Certification through Infosys campus connect program. As the industry emphasizes on good soft skill and

technical skills, which are essential for any graduate have a successful career, the institution introduced Soft skill certification through Infosys Campus Connect Program. As college is recognized as an Advanced Partner College, soft skill program was introduced for the 3rd year engineering students, based on the input from the industry. The 3rd year students (523) were trained for 100 hours on presentation skills, email writing skills and verbal ability. 430 students were certified by Infosys ltd, i.e., 82 of the students received certification from Infosys. The same is actionized across the institution for the coming years. The certificate received by the student is well recognized by the industry in India and abroad. ENTREPRENEURSHIP DEVELOPMENT CELL: Ballari Institute of Technology and Management (BITM), Ballari has been recommended by state govt. of Karnataka as an ecosystem of potential to be the venue of Startup Boot camp. Karnataka Innovation Technology Society (KITS), Department of Information Technology, Biotechnology and Science Technology Government of Karnataka recognized us and provided the required assistance and support to setup NEW AGE INCUBATION NETWORK (NAIN) viz., BITM Research and Incubation Commune for Startups (BRICS) startup centre. The BRICS empowerment series invited talks were conducted to disseminate information w.r.t. facilities and ecosystem provided by Govt. of Karnataka and Govt. of India. BRICS Incubation Centre was inaugurated on 16.2.2019. KITS will fund Rs.30.00 Lakhs for project development and Rs.10.00 lakhs for operational expenditure released in different phases. BRICS Ideathon 2019 was organized at our campus. More than 100 students participated and 16 teams were selected for the second and final round, which will be reviewed by KITS, Govt. of Karnataka. The best 10 projects will be granted Rs.3.00 lakhs each for further development.

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

<https://www.bitm.edu.in/wp-content/uploads/2020/03/BEST-PRACTICE-2018-19.pdf>

### 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

Entrepreneurship Development Cell During the interaction of Honble Prime Minister Shri Narendra Modi with startups, innovators and young entrepreneurs from across the country over video conference on 6th June 2018, it was noted that startups were registered across 419 districts spread over 28 states and 6 UTs, and that 44 of startups come from Tier II Tier III cities. Startups are reportedly creating on average 12 jobs per Startup. The State Government of Karnataka has decided to play an active role in promoting the Startup India initiative taken by the Prime Minister and has teamed up with Invest India, Department of Industrial Policy Promotion (DIPP) SingEx Exhibitions (India) for the Startup Karnataka Yatra. In this regard, Ballari Institute of Technology and Management (BITM), Ballari has been recommended by state govt. of Karnataka as an ecosystem of potential to be the venue of Boot camp. Karnataka Innovation Technology Society (KITS), Department of Information Technology, Biotechnology and Science Technology Government of Karnataka directed us to provide the required assistance and support required for a successful Karnataka Yatra by Startup India. We had organized Karnataka Start up Yatra at our campus on 12.11.2018, in which more than 500 students participated and Idea pitching was done, in which more than 38 teams (projects) participated and 10 teams were selected for a state level competition that was held at NASSCOM during Dec. 2018 at Bengaluru. As per the BRICS (BITM Research and Incubation Commune for Startups) empowerment series invited talk on entrepreneurship by Dr. A Mauli Shree, CEO, KITS was organized at our college campus on 1st and 2nd Feb. 2019. She briefed about the basics of entrepreneurship and more than 100 students

were participated actively and presented their views. Many of the students showed their aspiration of becoming entrepreneurs. It was one to one interaction with her and students. Based on the feedback, students were greatly benefitted. She also interacted with faculty members and discussed about entrepreneurship and how they can play a vital role in creating entrepreneurs. Faculties also discussed how they can train their students and make them successful entrepreneurs. Finally the sessions and discussions were a very informative. BRICS Incubation Centre was inaugurated on 16.2.2019. BRICS Ideathon 2019 was organized at our campus. The purpose of the event was to evoke interest of students of Ballari District in activities, which exposed them to the whole set up incubation centre and enable them in activities related to innovation, startups and entrepreneurship. More than 100 students participated and 16 teams were selected for the second and final round, which will be reviewed by KITS, Govt. of Karnataka. The best 10 projects will be granted Rs.3.00 lakhs each for further development.

Provide the weblink of the institution

<https://www.bitm.edu.in/wp-content/uploads/2020/03/Institutional-Distinctiveness-2018-19.pdf>

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

Fostering to start and Entrepreneurship and startup the Incubation centre  
Improving the Placement Activity while having more collaborations and centre of excellence  
Conducting FDP Programs for Faculty. Improvement in the publications in quality journals like Scopus index  
To build state of the Art New Electrical Block. To improve the Academic Results by adopting new teaching methodologies and through remedial classes. To promote branding of the institution through social media enabling improvement in admissions.