



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

##### 1. Name of the Institution

MAR BASELIOS CHRISTIAN COLLEGE OF  
ENGINEERING AND TECHNOLOGY

- Name of the Head of the institution **Dr. JAYARAJ KOCHUPILLAI**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **04869233571**
- Mobile no **9400288670**
- Registered e-mail **principal@mbcpeermade.com**
- Alternate e-mail **principal@mbcpeermade.com**
- Address **Peermade, Pallikunnu P.O**
- City/Town **IDUKKI**
- State/UT **KERALA**
- Pin Code **685531**

##### 2. Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
  
- Location **Rural**

- Financial Status **Self-financing**
  
- Name of the Affiliating University **A.P.J. Abdul kalam Technological University**
- Name of the IQAC Coordinator **Dr. S. Kamalakannan**
- Phone No. **6282866104**
- Alternate phone No.
- Mobile **6282866104**
- IQAC e-mail address **iqac@mbcpeermade.com**
- Alternate Email address **drskamalakannan@mbcpeermade.com**

**3.Website address (Web link of the AQAR (Previous Academic Year))** <https://www.mbcpeermade.com/UserFiles/Download/2b7b3b4bce764dbebd304097af753d73.pdf>

**4.Whether Academic Calendar prepared during the year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.mbcpeermade.com/Addon/Academic%20Calendar/38/1>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>2.88</b>	<b>2021</b>	<b>02/02/2021</b>	<b>01/02/2026</b>

**6.Date of Establishment of IQAC** **17/01/2017**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Department of Civil Engineering</b>	<b>Mapathon Kerala-Kattapana Municipality</b>	<b>State Government</b>	<b>2021</b>	<b>45000</b>

**8.Whether composition of IQAC as per latest NAAC guidelines** **Yes**

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year**      **1**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?      **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report      No File Uploaded

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?**      **No**

- If yes, mention the amount

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

Received NBA accreditation

Plans implemented to improve the academic result.

Given training of online teaching methodology to all faculty members by Google Classroom and Google Meet.

As per the suggestion of IQAC, the placement training department implemented training for students from the first year onwards.

Scholarships were given to meritorious as well as financially poor students.

**12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
Applied for NBA Accreditation	Received NBA Accreditation in August 2021
Proper Assessment of OBE Implementation	Revised formats are implemented for auditing academic activities based on OBE.
Purchasing software for effective calculation of OBE attainment.	Software Purchased, Successfully implemented.

**13. Whether the AQAR was placed before statutory body?** **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	MAR BASELIOS CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr. JAYARAJ KOCHUPILLAI
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• Address	Peermade, Pallikunnu P.O
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• Location	Rural
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• Name of the Affiliating University	A.P.J. Abdul kalam Technological University
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• Phone No.	6282866104				
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• IQAC e-mail address	iqac@mbcpeermade.com				
• Alternate Email address	drskamalakannan@mbcpeermade.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.mbcpeermade.com/UserFiles/Download/2b7b3b4bce764dbebd304097af753d73.pdf">https://www.mbcpeermade.com/UserFiles/Download/2b7b3b4bce764dbebd304097af753d73.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.mbcpeermade.com/Addon/Academic%20Calendar/38/1">https://www.mbcpeermade.com/Addon/Academic%20Calendar/38/1</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.88	2021	02/02/2021	01/02/2026
<b>6.Date of Establishment of IQAC</b>			17/01/2017		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Department of Civil Engineering	Mapathon Kerala-Kattapana Municipality	State Government	2021	45000	
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• Upload latest notification of formation of IQAC	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>	1				

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<p align="center"><b>Yes</b></p>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<p>No File Uploaded</p>	
<p><b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b></p>	<p align="center"><b>No</b></p>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<p><b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b></p>		
<p>Received NBA accreditation</p>		
<p>Plans implemented to improve the academic result.</p>		
<p>Given training of online teaching methodology to all faculty members by Google Classroom and Google Meet.</p>		
<p>As per the suggestion of IQAC, the placement training department implemented training for students from the first year onwards.</p>		
<p>Scholarships were given to meritorious as well as financially poor students.</p>		
<p><b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b></p>		
<p>Plan of Action</p>	<p>Achievements/Outcomes</p>	
<p>Applied for NBA Accreditation</p>	<p>Received NBA Accreditation in August 2021</p>	
<p>Proper Assessment of OBE Implementation</p>	<p>Revised formats are implemented for auditing academic activities based on OBE.</p>	
<p>Purchasing software for effective calculation of OBE attainment.</p>	<p>Software Purchased, Successfully implemented.</p>	
<p><b>13. Whether the AQAR was placed before</b></p>	<p align="center"><b>No</b></p>	

<b>statutory body?</b>	
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Nil	Nil
<b>14.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2022	27/02/2022
<b>15.Multidisciplinary / interdisciplinary</b>	
<b>16.Academic bank of credits (ABC):</b>	
<b>17.Skill development:</b>	
<p>Following are the Skilled development Courses 1.Building Information Modelling (BIM) 2. Auto CADD 3. Ansys 4. Python 5. Java 6. Arduino Uno 7. MatLab 8. Web Development</p>	
<b>18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)</b>	
<p>Special induction training Program imparted to the newly admitted students to upgrade their language skills. Awareness regarding local Culture and architecture is created by organising Camps. Many Cultural activities like SWASTIKA &amp; THANDAVA are Organised.</p>	
<b>19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):</b>	
<p>Much focus is kept on the Outcome Based Education. All the end of every Semester the knowledge gained by students is evaluated by university end semester examination in both theory and practical. Community service project is introduced as mandatory for students for select a village community service projects and it is evaluated by the internal evaluation committee at college level and the projects in the form of reports along with the individual presentation. Encouraging each students as to under go a short time and long time courses during their graduation program. Many skill development and addon courses are introduced to ubgrade the</p>	



skills of students in selected fields.

**20.Distance education/online education:**

**Extended Profile**

**1.Programme**

1.1	533
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Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	<a href="#">View File</a>

**2.Student**

2.1	658
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Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	60
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Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	196
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Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

**3.Academic**

3.1	71
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Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>
3.2	71
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	25
Total number of Classrooms and Seminar halls	
4.2	198.17
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	360
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

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1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

APJAKTU publish academic calendar before the commencement of regular academics. A detailed academic calendar of the institution which includes all important dates of curricular, co curricular and extra-curricular activities is prepared and gets approved by the academic council. In line with above, all programme offering departments prepare their academic calendar showing various

department-level activities. The institution has a standard Course Diary which comprises of Time Table, Syllabus & Course mapping, Course plan, Assignments & Tutorial details, Subject coverage, Attendance, Continuous Internal Evaluation details and Attainment.

A class committee with student representatives and faculty members is constituted for all classes. The committee meets at least twice during a semester. The suggestions and decisions of the committee are forwarded to the Principal by the Chairman for further action. MBCCET follows a systematic Faculty Advisory System which supports the overall academic process such as mentoring, discipline, industrial visits, Add-on courses etc.

The student's academic progress is evaluated using various assessment tools like tests, assignments and tutorials. The institution follows Revised Blooms Taxonomy (RBT) for the evaluation.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.mbcpeermade.com/UserFiles/MBC/file/Centers/NAAC/2021_22/4_1_3/2021_22_EV_EN_SEMESTER_TIME_TABLE_DEC_FEB_2022_S2_S4_S6_S8.pdf">https://www.mbcpeermade.com/UserFiles/MBC/file/Centers/NAAC/2021_22/4_1_3/2021_22_EV_EN_SEMESTER_TIME_TABLE_DEC_FEB_2022_S2_S4_S6_S8.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

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The Academic Calendar provides the basic source of information and planner for the students, faculty members, support staff, administration, and management. The Core Committee members of the College prepare Academic Calendar by considering the prescribed guidelines and regarding the calendar provided by APJ Abdul Kalam Technological University. Academic Calendar forms the strong foundation of all academic activities and adheres to the vision and mission of Mar Baselios Christian College of Engineering and Technology, Peermade. Publication of the Academic Calendar begins before the commencement of the academic session. The Coordinators take into consideration the feedback from students, teachers,

alumni, parents, and other stakeholders while preparing the Academic calendar. It is placed to the college executive council through IQAC for final approval. The Academic Calendar has displayed on College Notice Board, website, and prospectus. The Academic Calendar provides the following

- Working Days
- Curricular Activities
- Co-curricular Activities
- Extracurricular Activities

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**C. Any 2 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<b>No File Uploaded</b>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

242

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

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

**MBC CET is dedicated to foster a healthy environment for the students. It appears that the curriculum designed by the affiliating University does include many of the subjects which address the aforesaid cross-cutting issues. As an affiliated**

College, the MBCCET doesn't have much space in the framing of the curriculum and syllabus. The institution takes initiative to conduct various programs under different cells & committees to address these issues.

**Women Cell Activities:** In MBCCET under the banner of Women Cell, various programs such as seminars, invited talks, etc. are conducted for students and staff which ultimately focus on the importance of gender equality.

**Involvement of NSS Unit:** The institution also has a vibrant NSS unit which volunteers many issues of high importance for environmental sustainability like, Plastic waste eradication awareness program, Solid waste disposal, E-waste and its hazards, Plantation drives, etc.

**Green Initiatives:** MBCCET's commitment to a green environment is substantiated by the activities of the Eco Club which conducts green audits involving students and staff. With these initiatives, most of the cross-cutting issues are addressed through the courses in the curriculum or conducting programs outside the curriculum.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

30

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

184

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders**  
**Students**  
**Teachers**  
**Employers**  
**Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://www.mbcpeermade.com/Centers/NAAC/78">https://www.mbcpeermade.com/Centers/NAAC/78</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://www.mbcpeermade.com/Centers/NAAC/78">https://www.mbcpeermade.com/Centers/NAAC/78</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**134**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

**2**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

**The Institute always gives special care for improving the performance efficiency of slow learners. In the case of advanced**



learners, proper guidance is provided by the Institute members to attain higher levels of learning experience and improve leadership skills. Every year, a well-planned induction program is conducted to motivate newly admit and familiarize them with the university curriculum and the resources available at the institute. Chief Faculty Advisor/Faculty Advisors (CFA/FA) identify the slow learners and advanced learners in every batch by conducting, internal exams, assignments, etc. CFA/FAs categorize advanced and slow learning students based on their academic performance. Students who secure marks below 50% are considered slow learners. For enhancing the performance of slow learners, remedial classes are conducted. In these sessions, slow learners are supported for solving previous year question papers and will be encouraged to do more tutorial problems. A remedial test will be conducted for assessing the improvement level of slow learners at the end of the special coaching. Advanced learners are encouraged to attend knowledge developing events such as NPTEL courses, webinars, national level workshops, technical competitions, national/international conferences, etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
653	57

File Description	Documents
Any additional information	<a href="#">View File</a>

## 2.3 - Teaching- Learning Process

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

Being an Affiliated college of KTU, our involvement in the design of curriculum and syllabus is minimal or null. However Institute takes maximum measures to foster the students to be most responsible citizens of our nation. Teaching learning methods adopted by the faculty members include, lecture modes, interactive

modes, project based learning, computer assisted learning, experiential learning, tutorial sessions etc. The teaching learning activities are made effective through illustration and special lectures. To acquire first-hand knowledge on the subjects and current practices, students are engaged in various activities rather than class room lectures viz. Industrial Visits. In our laboratories, the groups are formed and the experiments are conducted in cycle bases. This will help to concrete their theoretical knowledge and the we also motivate the advanced learners to support the slow learners to follow peer to peer learning.

Communication skills training are provided to students during Language lab sessions. Software is effectively used to train students to acquire proficiency in listening, speaking, reading and writing. The institution has installed Wi-Fi on the campus to support the educational activities of the inmates. Summer Internships are considered as an important career stepping stone at MBC College of Engineering and Technology.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

(ICT) tools are used to explore, analyze, optimize and exchange information. Teachers are combining traditional methods with technology for efficient delivery of information. ICT enabled teaching uses Wi-Fi enabled class rooms with projector, E-learning materials. The institution adopts ICT enabled tools to enhance the teaching-learning process by using LCD projectors for Classes, seminars and workshops. ICT can be provided to give students quick access to ideas and experiences, from a wide range of people, communities and cultures. Teaching and learning are activities that contribute to the improvement of student learning and it include use of ICT.

Following are the best practices undertaken by the faculty members for improving teaching and learning experience: a. Google Classroom b. In addition to chalk and talk method, teachers use Power Point Presentations to expose students to learning. c. The

students are also advised to use computer software packages for their projects. d. MOOC courses.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

52

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers against sanctioned posts during the year

57

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

7

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

**2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**

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

465

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The internal examination dates are frozen in the beginning of the semester in academic council meeting and is shown in the college academic calendar. The evaluation process bears such a transparency that the answer scripts are returned to the students for their verification and if any discrepancy students can easy approach the course faculty for clarification based on the scheme. Various committee involved in the whole process are internal examination committee which deals the complete conduct of the examination, department question paper scrutiny committee that constituted in the departments with HOD and senior staffs to ensure the standards of the question paper as pre revised blooms taxonomy. Internal marks finalization committee which is also constituted in each department to finalize the internal marks and

to address the grievances if any. MBCCET conducts two series tests of 50 marks each which will be later normalized to 25 marks for the final evaluation .Two assignments will be given for each course which is then together normalized to 15 marks for the internal evaluationand 10 marks for the attendance.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The students are communicated about series tests through academic calendar at the starting of the semester. The answer papers are corrected and distributed to the students withinstipulated time from the conduction of the series test. The grievances raised in the series tests are solved through the exam cell. Those students who were not able to write the series exams under any medical claims were allowed to attend the remedial exams after giving the medical certificate after being verified by the CFA, HOD and finally sanctioned by principal.If any grievences, respective subject staff will take necessary action to solve it. If any student is unable to write any exam due to unavoidable situations, will have to make a request to subject staff, CFA and HOD for conducting retest. The students are allowed to claim for the internal mark and attendance if any mistakes are found. Students can raise grievances for attendance shortage and internal mark in the grievance cell and the required steps are taken.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program Outcomes (POs) represents the knowledge, skills and attitudes the students should have at the end of a course completion of their respective engineering program. These are set by NBA in line with Graduate Attributes.

Program Specific Outcomes (PSOs) are statements that describe what the graduates of a specific engineering program should be able to do. PSOs are formulated by the respective department's advisory committee which has representation from all the stake holders such as Alumni, Parents, Industry representation, Faculty etc. Committee receives suggestions/ feedbacks from the stake holders and finalizes the PSO. If required the PSOs are liable to change or modified as the case may be in future having held committee meeting.

Course Outcomes (COs) gives the resultant knowledge and skills the student acquires at the end of each course. It defines the cognitive processes a course provides. COs are framed at department Advisory board (DAB) meetings which has representation from all stake holders. COs are framed for each course in the DAB meetings. The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the course committee members. Similar manner COs are prepared for the laboratory classes also.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

POs of the programs are derived from the Graduate Attributes and set by NBA clearly which consists of well-defined 12 POs. COs and PSOs are set by the Department Advisory Board or Committee, which has representation of all stake holders, This Committed having discussed in various levels and having assessed feedbacks finalizes the COs and PSOs.

For COs Assessment: The assessments are mainly categorized in to two Direct Assessment and Indirect Assessment. In Direct Assessments the performance of the students is evaluated through Internal assessment which include Internal tests, Assignments/Tutorials, Seminars, Projects, Attendance, Lab Assignments etc. and external method which include End semester University examination, Project Evaluation & Laboratory exams , Initially itself each CO will be mapped with POs and PSOs with

indicators like strong, mild and poor like that. Similarly each question of the internal test will be mapped with COs.

For POs & PSOs Assessment: . In Direct method which is a reflection of students' performance in their internal /external evaluation, using the already mapped CO-PO matrix and the CO attainments figures average PO attainment is calculated first. Normally a weightage of 80% to direct assessment and 20% for indirect assessment is fixed by the college IQAC.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

89

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria\\_2/2021\\_22/2\\_7.pdf](https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria_2/2021_22/2_7.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

#### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

##### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

NA

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

#### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

##### 3.1.2.1 - Number of teachers recognized as research guides

5

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

#### 3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

##### 3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

NA



File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

#### IDC

The institutional development cell of MBCCET Equips technical institutions with infrastructural facilities, laboratories, workshops, and computing facilities to enhance teaching, training and research capabilities. It is autonomous in academic, administrative & financial matters which have enhanced its credibility as a catalyst of progressive and incremental changes setting new benchmarks for this institutions of the state to redefine the limits of growth and development in Higher Education. The basic objective of this Institutional Development cell in MBCCET is to make students a successful citizen by improving the quality and infrastructure of educational institutions. Institutional development cell aim of bringing about improvements in system of education, improvement of institutional campus, improvements of academic facilities.

#### IIC

Institution Innovation Council (IIC) program is initiative of Ministry of Education (MoE) through MoE's Innovation Cell (MIC) in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and start-up ecosystem in education institutions. IIC of MBCCET mainly focus to Identify and reward innovations and share success stories. Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators. Network with peers and national entrepreneurship development organizations. The IIC of MBBCEt conduct a lot of programmes in the college. It helps to improve the

students to create more innovations and idea.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

12

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

2

File Description	Documents
URL to the research page on HEI website	<a href="https://orcid.org/0000-0002-8610-1616">https://orcid.org/0000-0002-8610-1616</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

#### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

12

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

8

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The MBC CET gives importance to social outreach activities to help the neighborhood and to instill social responsibilities among students.

#### National Service Scheme

The institution has an active NSS unit (Unit No. 180) under Directorate of Technical Education, Government of Kerala through which different extension activities are planned for each year. The unit has adopted Pothupara village as beneficiary for its activities. Our regular social service activities include environmental protection, energy saving, waste management, gender equality, healthcare support, awareness programs, educational initiatives and livelihood opportunities. The various programs organized by NSS unit are as follows.

- NRPF Orientation

- Ruthirasena Orientation
- World ocean day awareness meeting
- Yoga day practice session
- Awareness on waste management & say not to plastics
- Poster making competition- the international day against drug abuse
- Essay writing on constitutional day
- Aarppu Vili- Onam 2021
- Teacher's day- content writing competition
- Republic day- essay writing competition
- Martyr's day- content writing competition
- Martyr's day- poem writing competition
- NSS day-2021
- Gandhi Jayanthi- essay writing
- NRPF Registration

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

**3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

NA

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

**3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

15

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

#### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

857

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

29

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

1

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The college campus is situated in 30.5 Acres of Land with a total built up area of 37395 Sq.m which inhabits well-furnished Offices & Departments, ICT enabled Classrooms & Seminar Halls, Conference Hall, well equipped Labs, Central Library, Central Computing Facility, Auditorium, Hostels, Quarters etc. commissioned as per the norms of the statutory bodies. The campus also consists of Football, Basketball, Volleyball and Badminton courts along with a 400 meter track.

The institution has adequate computational facility in the campus and the students can undergo online courses like SWAYAM. Also the college is an approved National Test Centre (NTC) of National Testing Agency (NTA) for online exams like JEE, RRB, Bank test etc.

- Classrooms, Tutorial Halls, Seminar Halls The institution has 24 classrooms, 5 seminar halls, 5 tutorial rooms, drawing hall, mini auditorium and open auditorium in the Academic Block. All the classrooms and seminar halls are ICT enabled with Projectors, Sound and LAN/Wi-Fi facility in order to ensure the effective teaching learning process.

- **Laboratories** There are 34 laboratories in the institution including one Research Lab. All the labs are equipped in order to fulfill the academic requirements as well as research and consultancy purposes beyond the curriculum.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/Infrastructure-Facilities/82">https://www.mbcpeermade.com/Resourses/Infrastructure-Facilities/82</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institution encourages and supports the extracurricular activities in order to enrich the talents of the students such as sports, games, meditation, music, dance, quiz, technical events etc. As most of the students are staying in the college hostels, they can utilize these facilities during the morning and evening on a regular basis. Various sports facilities such as Cricket, Football, Basketball, Volleyball, Handball, Table Tennis, Athletics, Chess and Badminton are provided for the students to ensure the focus of the institution in providing extra-curricular activities to both students and staff.

A dedicated facility is provided to practice Yoga and Meditation for the students and staff of the institution. The institution has provided facilities to the students for various cultural activities. They can utilize the Seminar Halls, Mini Auditorium and the Open Auditorium for various events. College Arts Day "Thandava" is being celebrated every year along with a number of competitions and the students can perform various cultural programs, theme shows, musical bands etc. National Level Intercollegiate Techno-Cultural competition "Swastika" is held in the institution every year for two days. Students from all over India participate in various events. Certificates and Cad-awards are distributed to the winners of every event.

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/Physical-Education/5">https://www.mbcpeermade.com/Resourses/Physical-Education/5</a>

**4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**

**29**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/ICT-Facilities/29">https://www.mbcpeermade.com/Resourses/ICT-Facilities/29</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

**63.23**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**



The Library is fully automated using the software Campus Management System version 3.0 and all the library operations such as acquisition, circulation, cataloguing etc are processed through the software system only. All the library functions are fully integrated with Barcode and RFID. Entire books in the library are barcode labelled and the Identity cards of the students and staff have RF-ID and Bar Code. Both are integrated with the library software which makes the library transactions like issue, return etc. very fast, convenient and error free for the users.

Automated Gate Entry system is available in the library. Various reports such as daily usage reports, userwise reports, department wise reports etc. can be taken by the library staff.

Online Public Access Catalogue (OPAC) is also available in the library. Users can view their book transaction details through their login page.

Most of the E-resources like E-books, Online Journals, Previous University Question papers, NPTEL videos etc. can be accessed in any system or mobile device through WiFi or LAN within the campus.

A Digital Library with 10 computer systems is also provided to the users in order to access the e-resources such as e-journals, e-books, NPTEL lectures etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://mbccet.com/libbooks.php">http://mbccet.com/libbooks.php</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources** A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

2.17489

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

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

47

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institution updates about 30 to 50 computers every year from the existing outdated configuration computers to the configuration required for the current usage of the Labs. The institution has a valid Microsoft Campus Agreement license which is renewed every year. Hence all the updated version of Microsoft products are available in the campus. Also the institution uses open source software which are updated frequently. On every semester breaks, the systems are fully formatted and reinstalled using the latest releases of software updates. The software used in the Labs are updated frequently according to the curriculum requirements. The software used in the Office and Departments such as Tally ERP, Campus Management Software etc. are updated as per the requirements.

There are Ninety seven Wi-Fi access points with dual bandwidth support (2.4 GHz and 5 GHZ) connected to two Wi-Fi Controller units. The institution upgrades 15 -20 Acces points every year.The Wi-Fi access points are installed within the academic blocks as well as in the Hostels and Quarters. 100 MBPS 1:1 Leased Line internet connectivity provides round-the-clock fast browsing environment to the students and staff of the college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/IT-and-ITES-Facilities/73">https://www.mbcpeermade.com/Resourses/IT-and-ITES-Facilities/73</a>

#### 4.3.2 - Number of Computers

400

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

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

5.39

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The campus maintenance is done by several committees depending on the requirements of the Institution such as Building Committee, Purchase Committee, Library Council, Computational Facilities Committee, Sports Advisory Committee, Canteen Committee, Bus and Transportation Committee, Green Protocol Committee/ Eco club etc

Annual Maintenance Contract is available for the UPSs and Water purifiers of the college. The Civil & Electrical maintenance works are carried out by the Project & Maintenance Department of the college. IT & ITES department handles the installation and maintenance of all the Computers, Servers, Wi-Fi, Network, Printers, Scanners, EPABX, CCTV, Software, UPSs, Projectors etc. in the campus.

Laboratory Maintenance of the laboratory equipment is processed by the Lab-in-Charges and the technical staff of the laboratories.

The campus maintenance such as cleaning, beautification, gardening etc. of the college is done by 10 housekeeping staffs and 6 casual labourers under the supervision of the Project Department.

There is a Procedure for the maintenance works of the college. Any staff or student can register a complaint with the concerned section and the section head assign a staff to inspect the same and rectify the problem.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

144

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

422

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	<b>Nil</b>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

230

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

230

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<b>No File Uploaded</b>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

157

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

3

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

3

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<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 university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

NA

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

The statute of the affiliating University (APJAKTU) emphasis the requirement of an active student's council in all the affiliated colleges. The tenure of the college union is one academic



year and college union elections are being conducted in a democratic way every year as per the University norms. All the elected class representatives constitute the students' Council. In MBCET all the co-curricular and extra-curricular activities are conceived and conducted by the active involvement of the student council.

The significant activities of the Student' Council include:

- Organizing different festivals like Onam, Christmas, Women's day, Teachers day, etc.
- Organizing events like National Level Intercollegiate Techno-Cultural contests (Swastika), Sports day (Druva), and Arts day(Thandava).
- Publishing College Magazine by the students uniting their imaginative articulations.

The Various other committee in which the students were involved are:

- Students' welfare Committee:
- College Sports Council:
- Professional bodies committee
- Career Guidance and Placement cell. (CGPC)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Alumni of MBCCET are the backbone in all means and they play a vital role in the overall development of the institution as well. MBCCET has a registered alumni association, named Mar Baselios Christian College of Engineering & Technology Alumni Association (MBCCETAA) bearing Registration Number: IDK/TC/174/2019, registered under Travancore Cochin Literary Scientific Charitable Societies Registration Act 1955. Office bearers of the Alumni Executive Committee are elected/nominated as per the bye-laws of the Alumni Association. Alumni Association meetings are held every year. Future plans and actions are discussed in the yearly meetings. Alumni Executive Members' meetings are held three to four times a year. The Annual Alumni meet of the previous academic year was held on 31/12/2021. From 2018, as directed by the College Alumni Association, apart from the Annual alumni meet, department alumni meet are also being conducted to strengthen the alumni activities/contributions in the respective department.

A few of the other areas wherein substantial contributions were received are

- Student scholarship,
- Contributions in the form of books,
- Support to conduct campus drives for placements,
- Discussions/seminars on entrepreneurship opportunities,

•Apprising the trends and future scopes in the area and internships,

•Sharing their corporate experience and motivating the students to bridge the gap between academia and industry

•Promoting events of the institution Supporting Institute Social Responsibilities

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The governance of the Institution ensures the proper planning and implementation of academic and administrative deeds to comply with institute’s vision and mission statements. The confluent approach of the Management, Principal and Faculty implement the plans in order to uphold the vision and mission of the college. The policy decisions taken by the management are communicated to the academic and administrative heads through Principal. Academic Council and IQAC set benchmark for academic, extra and co-curricular activities. The institution strictly adheres to the academic calendar. Principal constitutes various committees for coordinating activities like Professional societies, Eco/Green club, etc. The Co-ordinators of various committees are engaged in assigning, delegating and communicating the responsibilities. The HoDs are incharge of executing the policies of the institution. The management encourages staff to undergo FDPs. Parent - Teacher meetings are conducted at regular intervals. The college has students from all communities and religions thereby bringing unity

in diversity. Industry - Institute interaction is strengthened by undertaking development oriented projects by students and faculty members. As a part of leadership enhancement, the institution encourages students' participation in the professional society activities. Students are also encouraged to organize conferences, workshops, etc.

File Description	Documents
Paste link for additional information	<a href="https://www.mbcpeermade.com/About-Us/Vision,-Mission-AnD-Core-Values">https://www.mbcpeermade.com/About-Us/Vision,-Mission-AnD-Core-Values</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

A classical case study event, which depicts the decentralization and participatory management, is described below:

SWASTIKA -2022 Techno-Cultural fest conducted annually. The various committees and its members facilitate the smooth functioning. For preliminary approval, Office Bearers of the Student Council approaches the Principal through Staff Advisor. Principal gives preliminary sanction of the proposal with the recommendations of the academic council after presenting it in the academic council where Staff Advisor of Students council is also an invited member. An executive committee is constituted with members from each department. Student council is informed about the approval by staff advisor and they are asked to submit a proposal. Staff advisor along with executive committee members meet the main co-coordinators for approving the proposal and forward the same to the Principal for sanction. After approval, Director finalizes the financial contributions from management. The executive committee and staff advisor meet the main coordinators to discuss about the budget plan and the accumulation of fund. Main Co-coordinators are asked to select heads and members under sub-committees. The advisory committee decides eminent personalities as guest of honors'. Minimum two review meetings are conducted before the fest. After completion of the fest a feedback meeting is conducted.

File Description	Documents
Paste link for additional information	<a href="http://mbcpeermade.com/Co-Curricular/Tech-Fest/24">http://mbcpeermade.com/Co-Curricular/Tech-Fest/24</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

MBCCET has strategic plan in place for next 5 years starting from 2020 for developing the institution into a premier one, sticking on the Vision and Mission. The strategic plan mainly focusses on following directions: 1. Enriching the curriculum with different accreditation 2. Research, Innovation, Consultancy and Entrepreneurship. 3. Learning resources, Industry - Institute interaction, Infrastructure. 4. Green initiatives & Social responsibilities. MBCCET started practising Outcome Based Education(OBE) immediately after the strategic plan is formulated. POs and PSOs were finalized in consultation with stakeholders, whereas COs were finalized by course faculty and subject experts. Curriculum gaps were identified and filled through various initiatives. College aims and received NBA Accreditation August 2022. Research and Innovation are the other areas wherein college concentrates. C-RiSE (Centre for Research Initiatives in Science and Engineering) is established in the college.

Learning resources are another area wherein MBCCET focusses. For accomplishing this, Web learning center, Library expansion, MOOCs and NPTEL courses are envisaged. A four storied Knowledge Tower with a built up area of approximately 25000 sq ft. with Modern Library, Incubation Centers, Convention Centre and Guest accommodations are included in the plan. To ensure the development of the society, many community development and societal programs are included in the strategic plan.. In order to motivate students joining for engineering courses, science talent tests were conducted in various schools. Science Club of MBCCET conducts the Einstein Science Talent Test.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

The institution has a clear organizational hierarchy and structure to support decision making process that is consistent with its purposes. "T3- Trust, Truth and Transparency" being the motto of the institution, the organizational structure allows MBCCET to involve stakeholders in various Committees/ Boards. Continuous and meticulous efforts are ensured to maintain quality in both academic and administrative levels.

Governing board gives strategic directions keeping in view the long term goals, vision and mission of the institution. Principal in consultation with the management prepares an action plan which is approved by the college council. Teaching Learning process is monitored by Head of Departments. The implementation of various activities covered under the quality policy is recorded in prescribed quality formats and maintained properly and is reviewed by two internal audits and one external audit per semester. Different committees are formed for the effective functioning by appointing senior faculty and Head of various departments.

Recruitment of staff is carried out well before the academic process. Teaching faculty members are recruited as per AICTE rules and regulations. Faculty selection committee consist of Governing board members, Principal and respective HoDs. Performance of teaching as well as non-teaching staff is evaluated every year. For teaching faculty members, Performance Based Appraisal System with Key Performance Indicators is followed

File Description	Documents
Paste link for additional information	<a href="https://mbcpeermade.com/About-Us/Management/Governing-Board">https://mbcpeermade.com/About-Us/Management/Governing-Board</a>
Link to Organogram of the institution webpage	<a href="https://www.mbcpeermade.com/Organization-Diagram">https://www.mbcpeermade.com/Organization-Diagram</a>
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution has effective welfare measures for teaching and non- teaching staff The institution with a residential campus provides efficient and effective welfare measures for the teaching and non-teaching staff. This is one of our highlights.

**Welfare Measures**

? Medical insurance for staff

? Co-operative society under society registration act with subsidized charge

? Providing free bachelor quarters

- ? Family quarters are provided with subsidized charge
- ? Self-appraisal system for promotion and other benefits
- ? Incentives for publication of papers/research articles in SCI/SCOPUS indexed journals
- ? Rewards for excellent results
- ? Bonus for major regional festival
- ? EPF and ESI for non-teaching staff
- ? Advance salary in case of emergency situation
- ? Provide maternity leave with allowance
- ? 30 days vacation leave for faculty members
- ? Provision of college vehicle for medical emergency
- ? Sick room with a dedicated staff nurse
- ? Resident tutors are provided with free accommodation and food with subsidized charge
- ? Provides transportation facilities with subsidized charge
- ? Support for education of the children of staff in the group institutions
- ? Dedicated cabins and Wi-Fi facilities to perform duties effectively
- ? Recreational facilities like badminton, basketball, table tennis, football and cricket with financial support
- ? Staff club with financial aid for annual activities



File Description	Documents
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/Staff-Welfare/32">https://www.mbcpeermade.com/Resourses/Staff-Welfare/32</a>
Upload any additional information	<a href="#">View File</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

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

2

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<b>No File Uploaded</b>
Reports of Academic Staff College or similar centers	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

**33**

File Description	Documents
IQAC report summary	<b>No File Uploaded</b>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

**6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

**Institutions Performance Appraisal System for teaching and non-teaching staff**

**Systematic assessment of employee's performance is carried out to**

interpret the potential of staff, by the college management based on their performance and contribution in teaching, research, team work, arranging curricular & co-curricular activities and publication works. The following are the benchmarks for performance appraisal for teaching staff.

Teaching , Learning & Evaluation related Activities

? Students feedback on faculty

? Innovative teaching methods followed by the faculty

? Result percentages in the courses handled by the faculty

? Incorporation of ICT tools in the subject delivery

? Understanding and Implementation of OBE Involvement in Mentoring process.

Co-Curricular, Extension & Professional Development activities.

? Number of Technical Talks, Seminar and Conferences conducted

? Contributions to enhance MoU

? Number of Papers presented in Conferences

Research publications and Academic related contributions

? Number of papers published in Journal

? Number of FDPs attended

? Certification courses completed like MOOC, NPTEL

? Amount of Revenue accumulated through consultancy projects

? Number of students guided

The following are the benchmarks for performance appraisal non teaching staff.

? Enthusiasm

? Sense of responsibility

? Integrity

? Self starting attitude

? Overall performance

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Management of the College has appointed two firms of Chartered Accountants, one for conducting internal audit and the other for external and final auditing. Internal audit by Chartered Accountants entrusted for the purpose is conducted twice in a year. All receipts and payments including cash and bank transactions are verified by internal auditors. The college is using Tally ERP9 software for its accounting and the internal auditors used to verify this also for assuring correctness of the accounts. Any corrections advised or suggestions made by the auditors will be considered and remedial measures taken accordingly with the approval of competent higher authorities. External financial audit is entrusted with another firm of Chartered Accountants. After completing internal audit and closing of accounts for the financial year, statutory auditors/external auditors conduct audit for the year. After thorough audit with respect to receipts, vouchers, bank transactions, cash transactions, bank reconciliation statements and other relevant documents, the statutory auditors prepare Receipts and payments Accounts, Income and Expenditure Accounts and Balance Sheet for each financial year. These statements along with audit Report is placed before the Supreme Administrative body of the Religious Public Trust for their detailed verification and approval.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

**NIL**

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

**6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**

**Strategies for mobilization of funds** The College is left with no other alternative for mobilization of its resources. Fees collected from students admitted under Management, NRI and Government quota, strictly adhering to the guidelines issued by Government, is the only source for raising funds. This is utilized for meeting the revenue expenses of the college including scholarships awarded to the students who had secured higher grades in their academics. Funds raised through PTA is utilized for the welfare activities only and at no time used for managing the day to day affairs of the college.

**Optimal utilization of resources**

- The salary of teaching and non teaching staff and maintenance cost of the institution is met from the fund mobilized from students' fee.
- A part of the fund is utilized for maintaining laboratories and for the purchase of lab equipment, software etc.
- The Governing body takes the decision for infrastructure

development and fund is provided by management.

- Orientation and training programmes for students and staff are conducted regularly.
- Each department is allotted fund to organize National Conferences.
- Enough financial support is given to promote sports and games. Inter collegiate techno cultural programmes are organized annually.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Yes, the college do have a well-functioning IQAC cell constituted in the year 2017. All the academic systems like Faculty Development Programs, Conferences, Research oriented Activities, Academic Calendar, Lesson Plan, Tutorials, facilitating slow learners, Encouraging advance learners etc will be done under the strict guidance of IQAC.

Example 1: Quality assurance for the Internal Exams and Assignments. The following measures are adopted for ensuring the quality of exams.

- All the questions are framed based on blooms taxonomy.
- All the questions were mapped against corresponding Course outcomes and Program outcomes.
- A review committee is working in each department under the DQAC cell for the scrutiny of the question papers of internal exams and Assignments, the corrections made by the experts in DQAC should be made before the submission.

Example 2: Advancement in the field of Research A very well efficient Research Lab is running in the institution under Centre for Research Initiatives in Science and Engineering(C-RiSE). The measures adopted to improve the research culture are

- Conducted National level conferences across department in

collaboration with good quality publications. (UGC approved).

- Constituted a Research Lab focusing on research based on IoT and Machine learning, providing IOT related hardware devices and Systems with good configuration associated with Machine learning tools.
- The research and innovations in above said areas helped the students in participation of various events like Smart India Hackathon and various Contests done by different agencies.
- Done subscription of agencies like 'Grammarly' for improving the quality of publications

File Description	Documents
Paste link for additional information	<a href="https://www.mbcpeermade.com/IQAC/About-IQAC/26">https://www.mbcpeermade.com/IQAC/About-IQAC/26</a>
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

- Institute follows Student Centric approach by assessing the knowledge and skills of the students and evaluating the Outcomes using necessary tools.
- The Institution review the outcomes of its teaching process at periodic intervals and has been modifying its policies and methodologies by with periodic Academic Audits.
- External audit by the experts allotted from the university is also undertaken.
- Internal exams are conducted in periodic manner, analyze slow learners and fast learners, take appropriate remedial actions such as remedial classes, Group discussions, Night Classes etc. for slow learners
- The student's quality is constantly monitored by encouraging them in the participation of various National and Zonal events by both government and non-government initiatives, like Smart India Hackathon, Idea Competitions by Kerala Startup Mission etc.
- Department Quality Assurance Cell is constituted in every department with branch. Head of the Department, senior faculty member of the department, representatives of management, industry, alumni, students, PTA and academic experts are the various stakeholders.

- For improving the quality of the students, value added programmes, soft skill training etc. are conducted
- To make awareness regarding the latest technologies among the faculties institutional level short term training programs, Faculty development programs etc. are conducted.
- A new "HIGH TECH" room is opened on 6/6/2023 in order to assist video conferencing , seminars ,webinars etc with the following facilities
  - Cisco SX 80 Codec , Speaker Tracker Camera with ceiling Mics
  - LG interactive Display

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.mbcpeermade.com/IQAC/IQAC-Reports/36">https://www.mbcpeermade.com/IQAC/IQAC-Reports/36</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

**INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 - Institutional Values and Social Responsibilities**



### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

It is evident from all its actions that MBCCET gives due importance for the safety and security with gender sensitivity, Students of MBCCET, irrespective of their gender, are given equal opportunities to grow and develop into able, responsible citizens of tomorrow. Gender awareness classes are organised under the active initiatives of the Women Cell. The students and staff irrespective of their gender in the college work together with mutual respect and cordial relationship while organising various events.

Main initiatives taken are:

Safety and Security: -

Women Cell 'VAJJRA'-The College has an exclusive Women Cell called 'VAJJRA' for sensitizing both students and staff about gender. The Women Cell organizes different programs like Women's safety & health, self-defence techniques for safety and interactive sessions on gender issues. Committees like Anti-Ragging, Grievance Redressal, Student Welfare, Internal Complaint, Staff Welfare have been constituted to monitor the problems, if any, and provide corrective measures.

But due to lockdown issues we were unable to organize gender equity programs during the last year.

File Description	Documents
Annual gender sensitization action plan	<p><u>It is evident from all its actions that MBCCET gives due importance for the safety and security with gender sensitivity, Students of MBCCET, irrespective of their gender, are given equal opportunities to grow and develop into able, responsible citizens of tomorrow. Gender awareness classes are organised under the active initiatives of the Women Cell. The students and staff irrespective of their gender in the college work together with mutual respect and cordial relationship while organising various events. Annual gender sensitization plan is as follows:</u></p> <p><u>Health and Hygiene: Interactive sessions with invited doctors on Teenage Health and Personal Hygiene for a healthy life.</u></p> <p><u>Awareness programmes on Women Rights and Gender equality: To conduct classes related to gender, women’s rights and women empowerment for students by the departmental faculty members, NSS, and the Women’s Cell. To conduct counselling sessions for the girl students on a regular manner by the lady faculty members of the above mentioned Committees.</u></p> <p><u>Mentoring system: Provide professional counselling to the students. From the beginning, the new students are to provide a mentor (who will be a teacher of her department). Weekly meetings between the mentor and mentee are to be conducted for them to smoothen the burden of study and to ease the stress in the new atmosphere.</u></p> <p><u>Entrepreneurship opportunities: Training on arts and crafts using waste materials.</u></p> <p><u>Cultural activities: To ensure equal rights and participations of girl’s students by all means without any sign of gender discrimination in regular cultural activities, sports, NSS, performing arts etc. Conduct activities like Blood donation camp, AIDS awareness, female</u></p>

	<p><u>foeticide, dealing with COVID-19 pandemic, etc in association with NSS unit of our college.</u></p>
<p>Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information</p>	<p><u>1.Safety and Security 2.Counselling 3.Common Room It is evident from all its actions that MBCCET gives due importance for the safety and security with gender sensitivity, Students of MBCCET, irrespective of their gender, are given equal opportunities to grow and develop into able, responsible citizens of tomorrow. Gender awareness classes are organised under the active initiatives of the Women Cell. The students and staff irrespective of their gender in the college work together with mutual respect and cordial relationship while organising various events. Main initiatives taken are: Safety and Security: - Women Cell 'VAJJRA'-The College has an exclusive Women Cell called 'VAJJRA' for sensitizing both students and staff about gender. The Women Cell organizes different programs like Women's safety &amp; health, self-defence techniques for safety and interactive sessions on gender issues. Committees like Anti- Ragging, Grievance Redressal, Student Welfare, Internal Complaint, Staff Welfare have been constituted to monitor the problems, if any, and provide corrective measures. Security Staff: Round the clock security is provided in the campus to ensure the safety &amp; security of students and staff. Details of the visitors and vehicles entering the campus are noted in the security hub. Residential Campus: Around 70% students are residing in the campus and many of the staff including Principal is campus residents. This adds up the safety conscious of the students especially girls. Transportation: MBCCET offer comfortable conveyance for students and staff from different locations and routes, as the college is</u></p>

located in a hilly area. students and staff utilize this facility to commute. Sports and fitness: Facility is provided for the physical fitness of the students and staff. Health Centre: A health centre with the assistance of a qualified nurse is functioning inside the campus for basic first aid and emergency medical assistance. In case, further check-up is required, vehicle with driver assistance is provided to take them to nearest hospital. Sanitary napkins are kept for distribution in co-operative society working in the campus. Napkins are disposed using incinerators. In addition to the above facilities, CCTV surveillance in hostels and campus, fire extinguishers inside the buildings, separate indoor courts for girls and boys, assistance of wardens in hostels are provided. Counselling: A Counselling Centre under the guidance of Student Advisor is functioning in the campus. This helps to alleviate mental strains and to excel in academics. An effective mentoring system in which a faculty is entrusted to maximum of 20 students is implemented. Yoga & Meditation classes are conducted for the students. Common Room: Rest rooms for students are arranged in the main building. Common Room: Rest rooms for students are arranged in the main building. Common rest room is provided to lady staff for their leisure and comfort. Separate toilets for boys and girls are provided on every floor of the academic and lab blocks.

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**C. Any 2 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

**Solid waste management:**

Separate bins for biodegradable, non-biodegradable and other solid waste are kept at different locations in the campus.

A biogas plant is installed at men's hostel for the treatment of food waste. The food waste generated in the quarters are converted into manure in pot compost or pipe compost.

Incinerators are used for the disposal of sanitary pad waste generated in the ladies hostel. Sign boards are displayed throughout the campus for encouraging waste reduction.

The student units like NSS and Eco-Club are doing many awareness programs in the campus related to waste management.

**Liquid waste management:**

All waste water lines from toilets, bathrooms and kitchens are connected to the septic tank. The acidic waste generated in the laboratory are neutralized and disposed.

**E-waste management:**

The students and staff of various departments are instructed to hand over the ewaste including non-working computers, mobile phones, calculators, CD players, printers and other peripherals to the technical staff of the laboratory.

To substantiate the vision of reducing the wastes, MBCCET started implementing e-governance and ICT support in all administrative and academic jobs with limited paper usage.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus** **B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows: B. Any 3 of the above**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the E. None of the above**

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.**

C. Any 2 of the above

**Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**

**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

**MBC CET always encourages the students to organise and participate**

in different programmes organised by college, inter-college, university to make them sensitized towards cultural, regional, linguistic, communal and socio economic diversities.

#### Onam Celebration

Onam is celebrated in MBC CET with great enthusiasm. College union and departments organize various programmes and games which ensure the unity among students.

#### Christmas Celebration

Christmas is observed as a religious and cultural celebration in the College like the millions of people in the world.

MBC CET celebrates as an opportunity to inculcate values like loving everyone, caring the needy, and sharing with family and society. College organizes different programmes for staffs and students like Carol singing competition, Cake cutting etc.

#### THANDAVA (Annual Cultural event) & SWASTIKA (Annual Technical Fest)

The college organizes annual cultural meet THANDAVA in every year to promote cultural harmony among students and staffs. Also MBC CET organizes technical fest SWASTIKA which acts as a platform for students to showcase their innovative ideas, compete with their peers, and have a feel of the 'real world'.

Due to this pandemic situation we were not able to conduct the above activities in offline mode



File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Independence and Republic Days are celebrated in MBC CET with great enthusiasm and high patriotic zeal. Principal/Chief guest hoists the flag in the presence of students and staff. To pay respect and to commemorate the great leaders all salute the flag and recite the National Anthem. To spread the message and importance of the day, Principal / Chief Guest addresses the gathering

Teacher's Day is celebrated on 5th September every year in memory of birth anniversary of Dr. Sarvepalli Radhakrishnan, a philosopher and a great teacher. In MBC CET we celebrate teacher's day with enthusiasm and respect. Quiz programs, elocutions are conducted along with games. A clear message on the importance of Teacher's in moulding the students as better human being is conveyed.

Mahatma Gandhi birth anniversary (October 2nd) is generally celebrated by organizing programs such as Green Campus and Clean campus activity campaign. Gandhiji's message of nonviolence and its importance is conveyed to the students.

National Service Scheme unit of the college organizes NSS day on 24th September to make the NSS volunteers aware of their duties and responsibilities. NSS help the students to develop the feeling of oneness, empathy, compassion and sensitiveness to the needs of the less fortunate.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.mbcpeermade.com/Co-Curricular/NSS/20">https://www.mbcpeermade.com/Co-Curricular/NSS/20</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

**D. Any 1 of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The following programmes were celebrated in MBCCET in association with our NSS unit.

Independence and Republic Days are celebrated in MBCCET with great enthusiasm and high patriotic zeal. Principal/Chief guest hoists the flag in the presence of students and staff. In MBCCET we celebrate teacher's day with enthusiasm and respect. A clear message on the importance of Teacher's in moulding the students as better human being is conveyed. Mahatma Gandhi birth anniversary

(October 2nd) is generally celebrated by organizing programs such as Green Campus and Clean campus activity campaign. As part of the Engineers day celebration, the college organizes various events for students in association with the Institution of Engineers (India) and cash prizes are distributed. Awareness is created among the students and staff members of MBCET about the importance of water. Poster and banners are displayed inside the campus for the awareness. Poster competitions, Essay writing, and Marathons are also conducted to make the celebration colourful. National Service Scheme unit of the college organizes NSS day on 24th September to make the NSS volunteers aware of their duties and responsibilities. NSS help the students to develop the feeling of oneness, empathy, compassion and sensitiveness to the needs of the less fortunate.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### BEST PRACTICE 1

**Title of the Practice: Evolving holistic development of engineers by inculcating innovation culture through experiment and experience.**

### BEST PRACTICE 2

**Title of the Practice:**

**Catering the needs of the slow learners, we develop a culture of inclusive learning, nurturing companionship of advanced learners under the guided association of faculty.**

**BEST PRACTICE 3**

**Title of the Practice: Mar Baselios Christian college Semester-wise Academic planning. (MBCSAP)**

File Description	Documents
Best practices in the Institutional website	<a href="https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria 7/7 2 1/Best Practices.pdf">https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria 7/7 2 1/Best Practices.pdf</a>
Any other relevant information	<a href="https://www.mbcpeermade.com/Centers/NAAC/78">https://www.mbcpeermade.com/Centers/NAAC/78</a>

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

While MBCET give due importance to ethical values in academics, the other initiatives the Institution put up to sink with academics are scribbled below:

The primary objective of the institution is to provide superior knowledge in technology and giving our students a bright future laden with ethics and human values. The institution also aims at reviving the learning skills with a focus on demands of future, vitalizing teaching learning process, and functional relationship with all the stakeholders for the holistic development of the individual and society.

Orientation programs which emphasizes on human values, professional ethics, self-respect, spirituality in education etc are organized.

A serene, placid chapel oozing out sanctity and piety is functioning inside the campus for students to perform their spiritual rituals.

Each and every function in MBCET, whatever small or big it is, it starts with a prayer for invoking the presence of ultimate. This culture gives awareness that the human potential without the divine source is infinitesimal.

College encourages to celebrate various religious and state

festivals such as Onam and Christmas thus giving due importance to all religious sectors.

Scholarships worth two crore are awarded to meritorious students every year irrespective of cast, community and religion.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

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#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

APJAKTU publish academic calendar before the commencement of regular academics. A detailed academic calendar of the institution which includes all important dates of curricular, co curricular and extra-curricular activities is prepared and gets approved by the academic council. In line with above, all programme offering departments prepare their academic calendar showing various department-level activities. The institution has a standard Course Diary which comprises of Time Table, Syllabus & Course mapping, Course plan, Assignments & Tutorial details, Subject coverage, Attendance, Continuous Internal Evaluation details and Attainment. .

A class committee with student representatives and faculty members is constituted for all classes. The committee meets at least twice during a semester. The suggestions and decisions of the committee are forwarded to the Principal by the Chairman for further action. MBCCET follows a systematic Faculty Advisory System which supports the overall academic process such as mentoring, discipline, industrial visits, Add-on courses etc.

The student's academic progress is evaluated using various assessment tools like tests, assignments and tutorials. The institution follows Revised Blooms Taxonomy (RBT) for the evaluation. .

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.mbcpeermade.com/UserFiles/MBC/file/Centers/NAAC/2021_22/4_1_3/2021_22_EVEN_SEMESTER_TIME_TABLE_DEC_FEB_2022_S2_S4_S6_S8.pdf">https://www.mbcpeermade.com/UserFiles/MBC/file/Centers/NAAC/2021_22/4_1_3/2021_22_EVEN_SEMESTER_TIME_TABLE_DEC_FEB_2022_S2_S4_S6_S8.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

**1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)**

The Academic Calendar provides the basic source of information and planner for the students, faculty members, support staff, administration, and management. The Core Committee members of the College prepare Academic Calendar by considering the prescribed guidelines and regarding the calendar provided by APJ Abdul Kalam Technological University. Academic Calendar forms the strong foundation of all academic activities and adheres to the vision and mission of Mar Baselios Christian College of Engineering and Technology, Peermade. Publication of the Academic Calendar begins before the commencement of the academic session. The Coordinators take into consideration the feedback from students, teachers, alumni, parents, and other stakeholders while preparing the Academic calendar. It is placed to the college executive council through IQAC for final approval. The Academic Calendar has displayed on College Notice Board, website, and prospectus. The Academic Calendar provides the following

- Working Days
- Curricular Activities
- Co-curricular Activities
- Extracurricular Activities

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

<p><b>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</b></p>	<p><b>C. Any 2 of the above</b></p>
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**



**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

242

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

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

MBC CET is dedicated to foster a healthy environment for the students. It appears that the curriculum designed by the affiliating University does include many of the subjects which address the aforesaid cross-cutting issues. As an affiliated College, the MBC CET doesn't have much space in the framing of the curriculum and syllabus. The institution takes initiative to conduct various programs under different cells & committees to address these issues.

**Women Cell Activities:** In MBC CET under the banner of Women Cell, various programs such as seminars, invited talks, etc. are conducted for students and staff which ultimately focus on the importance of gender equality.

**Involvement of NSS Unit:** The institution also has a vibrant NSS unit which volunteers many issues of high importance for

environmental sustainability like, Plastic waste eradication awareness program, Solid waste disposal, E-waste and its hazards, Plantation drives, etc.

**Green Initiatives:** MBCCET's commitment to a green environment is substantiated by the activities of the Eco Club which conducts green audits involving students and staff. With these initiatives, most of the cross-cutting issues are addressed through the courses in the curriculum or conducting programs outside the curriculum.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

**30**

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<b>No File Uploaded</b>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<b>No File Uploaded</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships**

**184**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders  
Students Teachers Employers Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://www.mbcpeermade.com/Centers/NAAC/78">https://www.mbcpeermade.com/Centers/NAAC/78</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://www.mbcpeermade.com/Centers/NAAC/78">https://www.mbcpeermade.com/Centers/NAAC/78</a>

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

<b>134</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

<b>2</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The Institute always gives special care for improving the performance efficiency of slow learners. In the case of advanced learners, proper guidance is provided by the Institute members to attain higher levels of learning experience and improve leadership skills. Every year, a well-planned induction program is conducted to motivate newly admit and familiarize them with the university curriculum and the resources available at the institute. Chief Faculty Advisor/Faculty Advisors (CFA/FA) identify the slow learners and advanced learners in every batch by conducting, internal exams, assignments, etc. CFA/FAs categorize advanced and slow learning students based on their academic performance. Students who secure marks below 50% are considered slow learners. For enhancing the performance of slow learners, remedial classes are conducted. In these sessions, slow learners are supported for solving previous year question papers and will be encouraged to do more tutorial problems. A remedial test will be conducted for assessing the improvement level of slow learners at the end of the special coaching. Advanced learners are encouraged to attend knowledge developing events such as NPTEL courses, webinars,

national level workshops, technical competitions, national/international conferences, etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
653	57

File Description	Documents
Any additional information	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

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

Being an Affiliated college of KTU, our involvement in the design of curriculum and syllabus is minimal or null. However Institute takes maximum measures to foster the students to be most responsible citizens of our nation. Teaching learning methods adopted by the faculty members include, lecture modes, interactive modes, project based learning, computer assisted learning, experiential learning, tutorial sessions etc. The teaching learning activities are made effective through illustration and special lectures. To acquire first-hand knowledge on the subjects and current practices, students are engaged in various activities rather than class room lectures viz. Industrial Visits. In our laboratories, the groups are formed and the experiments are conducted in cycle bases. This will help to concrete their theoretical knowledge and the we also motivate the advanced learners to support the slow learners to follow peer to peer learning.

Communication skills training are provided to students during Language lab sessions. Software is effectively used to train students to acquire proficiency in listening, speaking, reading and writing. The institution has installed Wi-Fi on the campus to support the educational activities of the inmates. Summer

Internships are considered as an important career stepping stone at MBC College of Engineering and Technology.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

(ICT) tools are used to explore, analyze, optimize and exchange information. Teachers are combining traditional methods with technology for efficient delivery of information. ICT enabled teaching uses Wi-Fi enabled class rooms with projector, E-learning materials. The institution adopts ICT enabled tools to enhance the teaching-learning process by using LCD projectors for Classes, seminars and workshops. ICT can be provided to give students quick access to ideas and experiences, from a wide range of people, communities and cultures. Teaching and learning are activities that contribute to the improvement of student learning and it include use of ICT.

Following are the best practices undertaken by the faculty members for improving teaching and learning experience: a. Google Classroom b. In addition to chalk and talk method, teachers use Power Point Presentations to expose students to learning. c. The students are also advised to use computer software packages for their projects. d. MOOC courses.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

**2.3.3.1 - Number of mentors**

52

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers against sanctioned posts during the year

57

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

#### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

7

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

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

465

File Description	Documents
Any additional information	<b>No File Uploaded</b>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The internal examination dates are frozen in the beginning of the semester in academic council meeting and is shown in the college academic calendar. The evaluation process bears such a transparency that the answer scripts are returned to the students for their verification and if any discrepancy students can easy approach the course faculty for clarification based on the scheme. Various committee involved in the whole process are internal examination committee which deals the complete conduct of the examination, department question paper scrutiny committee that constituted in the departments with HOD and senior staffs to ensure the standards of the question paper as pre revised blooms taxonomy. Internal marks finalization committee which is also constituted in each department to finalize the internal marks and to address the grievances if any. MBCET conducts two series tests of 50 marks each which will be later normalized to 25 marks for the final evaluation .Two assignments will be given for each course which is then together normalized to 15 marks for the internal evaluation and 10 marks for the attendance.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The students are communicated about series tests through academic calendar at the starting of the semester. The answer papers are corrected and distributed to the students



withinstipulated time from the conduction of the series test. The grievances raised in the series tests are solved through the exam cell. Those students who were not able to write the series exams under any medical claims were allowed to attend the remedial exams after giving the medical certificate after being verified by the CFA, HOD and finally sanctioned by principal.If any grievences, respective subject staff will take necessary action to solve it. If any student is unable to write any exam due to unavoidable situations, will have to make a request to subject staff, CFA and HOD for conducting retest. The students are allowed to claim for the internal mark and attendance if any mistakes are found. Students can raise grievances for attendance shortage and internal mark in the grievance cell and the required steps are taken.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program Outcomes (POs) represents the knowledge, skills and attitudes the students should have at the end of a course completion of their respective engineering program. These are set by NBA in line with Graduate Attributes.

Program Specific Outcomes (PSOs) are statements that describe what the graduates of a specific engineering program should be able to do. PSOs are formulated by the respective department's advisory committee which has representation from all the stake holders such as Alumni, Parents, Industry representation, Faculty etc. Committee receives suggestions/ feedbacks from the stake holders and finalizes the PSO. If required the PSOs are liable to change or modified as the case may be in future having held committee meeting.

Course Outcomes (COs) gives the resultant knowledge and skills the student acquires at the end of each course. It defines the cognitive processes a course provides. COs are framed at department Advisory board (DAB) meetings which has representation from all stake holders. COs are framed for each

course in the DAB meetings. The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the course committee members. Similar manner COs are prepared for the laboratory classes also.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

POs of the programs are derived from the Graduate Attributes and set by NBA clearly which consists of well-defined 12 POs. COs and PSOs are set by the Department Advisory Board or Committee, which has representation of all stake holders, This Committed having discussed in various levels and having assessed feedbacks finalizes the COs and PSOs.

**For COs Assessment:** The assessments are mainly categorized in to two Direct Assessment and Indirect Assessment. In Direct Assessments the performance of the students is evaluated through Internal assessment which include Internal tests, Assignments/Tutorials, Seminars, Projects, Attendance, Lab Assignments etc. and external method which include End semester University examination, Project Evaluation & Laboratory exams , Initially itself each CO will be mapped with POs and PSOs with indicators like strong, mild and poor like that. Similarly each question of the internal test will be mapped with COs.

**For POs & PSOs Assessment:** . In Direct method which is a reflection of students' performance in their internal /external evaluation, using the already mapped CO-PO matrix and the CO attainments figures average PO attainment is calculated first. Normally a weightage of 80% to direct assessment and 20% for indirect assessment is fixed by the college IQAC.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

**2.6.3 - Pass percentage of Students during the year**

**2.6.3.1 - Total number of final year students who passed the university examination during the year**

89

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

**2.7 - Student Satisfaction Survey**

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

[https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria\\_2/2021\\_22/2\\_7.pdf](https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria_2/2021_22/2_7.pdf)

**RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 - Resource Mobilization for Research**

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

NA

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

5

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

NA

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

**3.2 - Innovation Ecosystem**

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

**IDC**

The institutional development cell of MBCCET Equips technical institutions with infrastructural facilities, laboratories, workshops, and computing facilities to enhance teaching, training and research capabilities. It is autonomous in academic, administrative & financial matters which have enhanced its credibility as a catalyst of progressive and incremental changes setting new benchmarks for this institutions of the state to redefine the limits of growth and development in Higher Education. The basic objective of this Institutional Development cell in MBCCET is to make students a successful citizen by improving the quality and infrastructure of educational institutions. Institutional development cell aim of bringing about improvements in system of education, improvement of institutional campus, improvements of academic facilities.

**IIC**

Institution Innovation Council (IIC) program is initiative of Ministry of Education (MoE) through MoE's Innovation Cell (MIC) in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and start-up ecosystem in education institutions. IIC of MBCCET mainly focus to Identify and reward innovations and share success stories. Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators. Network with peers and national entrepreneurship development organizations. The IIC of MBBCEt conduct a lot of programmes in the college. It helps to improve the students to create more innovations and idea.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year**

**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year**

<b>12</b>	
File Description	Documents
Report of the event	<b>No File Uploaded</b>
Any additional information	<b>No File Uploaded</b>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

**3.3 - Research Publications and Awards**

**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year**

**3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

<b>2</b>	
File Description	Documents
URL to the research page on HEI website	<a href="https://orcid.org/0000-0002-8610-1616">https://orcid.org/0000-0002-8610-1616</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**

**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

<b>12</b>	
File Description	Documents
Any additional information	<b>No File Uploaded</b>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**

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

8

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.4 - Extension Activities**

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The MBC CET gives importance to social outreach activities to help the neighborhood and to instill social responsibilities among students.

**National Service Scheme**

The institution has an active NSS unit (Unit No. 180) under Directorate of Technical Education, Government of Kerala through which different extension activities are planned for each year. The unit has adopted Pothupara village as beneficiary for its activities. Our regular social service activities include environmental protection, energy saving, waste management, gender equality, healthcare support, awareness programs, educational initiatives and livelihood opportunities. The various programs organized by NSS unit are as follows.

- NRPF Orientation
- Ruthirasena Orientation
- World ocean day awareness meeting
- Yoga day practice session
- Awareness on waste management & say not to plastics
- Poster making competition- the international day against drug abuse
- Essay writing on constitutional day
- Aarppu Vili- Onam 2021
- Teacher's day- content writing competition
- Republic day- essay writing competition
- Martyr's day- content writing competition
- Martyr's day- poem writing competition
- NSS day-2021

- Gandhi Jayanthi- essay writing
- NRPF Registration

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

**3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

NA

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

**3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

15

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>



**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

857

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

29

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

**3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**

**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

1

--

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The college campus is situated in 30.5 Acres of Land with a total built up area of 37395 Sq.m which inhabits well-furnished Offices & Departments, ICT enabled Classrooms & Seminar Halls, Conference Hall, well equipped Labs, Central Library, Central Computing Facility, Auditorium, Hostels, Quarters etc. commissioned as per the norms of the statutory bodies. The campus also consists of Football, Basketball, Volleyball and Badminton courts along with a 400 meter track.

The institution has adequate computational facility in the campus and the students can undergo online courses like SWAYAM. Also the college is an approved National Test Centre (NTC) of National Testing Agency (NTA) for online exams like JEE, RRB, Bank test etc.

- Classrooms, Tutorial Halls, Seminar Halls The institution has 24 classrooms, 5 seminar halls, 5 tutorial rooms, drawing hall, mini auditorium and open auditorium in the Academic Block. All the classrooms and seminar halls are ICT enabled with Projectors, Sound and LAN/Wi-Fi facility in order to ensure the effective teaching learning process.
- Laboratories There are 34 laboratories in the institution including one Research Lab. All the labs are equipped in order to fulfill the academic requirements as well as research and consultancy purposes beyond the curriculum.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/Infrastructure-Facilities/82">https://www.mbcpeermade.com/Resourses/Infrastructure-Facilities/82</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institution encourages and supports the extracurricular activities in order to enrich the talents of the students such as sports, games, meditation, music, dance, quiz, technical events etc. As most of the students are staying in the college hostels, they can utilize these facilities during the morning and evening on a regular basis. Various sports facilities such as Cricket, Football, Basketball, Volleyball, Handball, Table Tennis, Athletics, Chess and Badminton are provided for the students to ensure the focus of the institution in providing extra-curricular activities to both students and staff.

A dedicated facility is provided to practice Yoga and Meditation for the students and staff of the institution. The institution has provided facilities to the students for various cultural activities. They can utilize the Seminar Halls, Mini Auditorium and the Open Auditorium for various events. College Arts Day "Thandava" is being celebrated every year along with a number of competitions and the students can perform various cultural programs, theme shows, musical bands etc. National Level Intercollegiate Techno-Cultural competition "Swastika" is held in the institution every year for two days. Students from all over India participate in various events. Certificates and Cad-awards are distributed to the winners of every event.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/Physical-Education/5">https://www.mbcpeermade.com/Resourses/Physical-Education/5</a>

**4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**

29

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/ICT-Facilities/29">https://www.mbcpeermade.com/Resourses/ICT-Facilities/29</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

63.23

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Library is fully automated using the software Campus Management System version 3.0 and all the library operations such as acquisition, circulation, cataloguing etc are processed through the software system only. All the library functions are fully integrated with Barcode and RFID. Entire books in the library are barcode labelled and the Identity cards of the students and staff have RF-ID and Bar Code. Both are integrated with the library software which makes the library transactions like issue, return etc. very fast, convenient and error free for the users.

Automated Gate Entry system is available in the library. Various reports such as daily usage reports, userwise reports, department wise reports etc. can be taken by the library staff.

Online Public Access Catalogue (OPAC) is also available in the library. Users can view their book transaction details through their login page.

Most of the E-resources like E-books, Online Journals, Previous University Question papers, NPTEL videos etc. can be accessed in any system or mobile device through WiFi or LAN within the campus.

A Digital Library with 10 computer systems is also provided to the users in order to access the e- resources such as e- journals, e-books, NPTEL lectures etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://mbccet.com/libbooks.php">http://mbccet.com/libbooks.php</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

2.17489

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

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

47

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

The institution updates about 30 to 50 computers every year from the existing outdated configuration computers to the configuration required for the current usage of the Labs. The institution has a valid Microsoft Campus Agreement license which is renewed every year. Hence all the updated version of Microsoft products are available in the campus. Also the institution uses open source software which are updated frequently. On every semester breaks, the systems are fully formatted and reinstalled using the latest releases of software updates. The software used in the Labs are updated frequently according to the curriculum requirements. The software used in the Office and Departments such as Tally ERP, Campus Management Software etc. are updated as per the requirements.

There are Ninety seven Wi-Fi access points with dual bandwidth support (2.4 GHz and 5 GHZ) connected to two Wi-Fi Controller units. The institution upgrades 15 -20 Acces points every year. The Wi-Fi access points are installed within the academic blocks as well as in the Hostels and Quarters. 100 MBPS 1:1 Leased Line internet connectivity provides round-the-clock fast

**browsing environment to the students and staff of the college.**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/IT-and-ITES-Facilities/73">https://www.mbcpeermade.com/Resourses/IT-and-ITES-Facilities/73</a>

**4.3.2 - Number of Computers**

**400**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)**

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

**5.39**

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The campus maintenance is done by several committees depending on the requirements of the Institution such as Building Committee, Purchase Committee, Library Council, Computational Facilities Committee, Sports Advisory Committee, Canteen Committee, Bus and Transportation Committee, Green Protocol Committee/ Eco club etc

Annual Maintenance Contract is available for the UPSs and Water purifiers of the college. The Civil & Electrical maintenance works are carried out by the Project & Maintenance Department of the college. IT & ITES department handles the installation and maintenance of all the Computers , Servers, Wi-Fi, Network, Printers, Scanners, EPABX, CCTV, Software, UPSs, Projectors etc. in the campus.

Laboratory Maintenance of the laboratory equipment is processed by the Lab-in-Charges and the technical staff of the laboratories.

The campus maintenance such as cleaning, beautification, gardening etc. of the college is done by 10 housekeeping staffs and 6 casual labourers under the supervision of the Project Department.

There is a Procedure for the maintenance works of the college. Any staff or student can register a complaint with the concerned section and the section head assign a staff to inspect the same and rectify the problem.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

**5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

**5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

144

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

422

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

<p><b>5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills</b></p>	<p><b>A. All of the above</b></p>
--	-----------------------------------

File Description	Documents
Link to Institutional website	Nil
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

230

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

230

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

<p><b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</b></p>	<p><b>A. All of the above</b></p>
--	-----------------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

**5.2 - Student Progression**

**5.2.1 - Number of placement of outgoing students during the year**

**5.2.1.1 - Number of outgoing students placed during the year**

157

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

**5.2.2 - Number of students progressing to higher education during the year**

**5.2.2.1 - Number of outgoing student progression to higher education**

3

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State**

**government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

3

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<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 university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

NA

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

The statute of the affiliating University (APJAKTU) emphasis the requirement of an active student's council in all the

affiliated colleges. The tenure of the college union is one academic year and college union elections are being conducted in a democratic way every year as per the University norms. All the elected class representatives constitute the students' Council. In MBCET all the co-curricular and extra-curricular activities are conceived and conducted by the active involvement of the student council.

The significant activities of the Student' Council include:

- Organizing different festivals like Onam, Christmas, Women's day, Teachers day, etc.
- Organizing events like National Level Intercollegiate Techno-Cultural contests (Swastika), Sports day (Druva), and Arts day(Thandava).
- Publishing College Magazine by the students uniting their imaginative articulations.

The Various other committee in which the students were involved are:

- Students' welfare Committee:
- College Sports Council:
- Professional bodies committee
- Career Guidance and Placement cell. (CGPC)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

7

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Alumni of MBCCET are the backbone in all means and they play a vital role in the overall development of the institution as well. MBCCET has a registered alumni association, named Mar Baselios Christian College of Engineering & Technology Alumni Association (MBCCETAA) bearing Registration Number: IDK/TC/174/2019, registered under Travancore Cochin Literary Scientific Charitable Societies Registration Act 1955. Office bearers of the Alumni Executive Committee are elected/nominated as per the bye-laws of the Alumni Association. Alumni Association meetings are held every year. Future plans and actions are discussed in the yearly meetings. Alumni Executive Members' meetings are held three to four times a year. The Annual Alumni meet of the previous academic year was held on 31/12/2021. From 2018, as directed by the College Alumni Association, apart from the Annual alumni meet, department alumni meet are also being conducted to strengthen the alumni activities/contributions in the respective department.

A few of the other areas wherein substantial contributions were received are

- Student scholarship,
- Contributions in the form of books,
- Support to conduct campus drives for placements,

- Discussions/seminars on entrepreneurship opportunities,
- Apprising the trends and future scopes in the area and internships,
- Sharing their corporate experience and motivating the students to bridge the gap between academia and industry
- Promoting events of the institution Supporting Institute Social Responsibilities

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>D. 1 Lakhs - 3Lakhs</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The governance of the Institution ensures the proper planning and implementation of academic and administrative deeds to comply with institute's vision and mission statements. The confluent approach of the Management, Principal and Faculty implement the plans in order to uphold the vision and mission of the college. The policy decisions taken by the management are communicated to the academic and administrative heads through Principal. Academic Council and IQAC set benchmark for academic, extra and co-curricular activities. The institution strictly adheres to the academic calendar. Principal constitutes various committees for coordinating activities like Professional societies, Eco/Green club, etc. The Co-ordinators of various committees are engaged in assigning, delegating and communicating the responsibilities. The HoDs are incharge of executing the policies of the institution. The management

encourages staff to undergo FDPs. Parent - Teacher meetings are conducted at regular intervals. The college has students from all communities and religions thereby bringing unity in diversity. Industry - Institute interaction is strengthened by undertaking development oriented projects by students and faculty members. As a part of leadership enhancement, the institution encourages students' participation in the professional society activities. Students are also encouraged to organize conferences, workshops, etc.

File Description	Documents
Paste link for additional information	<a href="https://www.mbcpeermade.com/About-Us/Vision,-Mission-AnD-Core-Values">https://www.mbcpeermade.com/About-Us/Vision,-Mission-AnD-Core-Values</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

A classical case study event, which depicts the decentralization and participatory management, is described below:

SWASTIKA -2022 Techno-Cultural fest conducted annually. The various committees and its members facilitate the smooth functioning. For preliminary approval, Office Bearers of the Student Council approaches the Principal through Staff Advisor. Principal gives preliminary sanction of the proposal with the recommendations of the academic council after presenting it in the academic council where Staff Advisor of Students council is also an invited member. An executive committee is constituted with members from each department. Student council is informed about the approval by staff advisor and they are asked to submit a proposal. Staff advisor along with executive committee members meet the main co-coordinators for approving the proposal and forward the same to the Principal for sanction. After approval, Director finalizes the financial contributions from management. The executive committee and staff advisor meet the main coordinators to discuss about the budget plan and the accumulation of fund. Main Co-coordinators are asked to select heads and members under sub-committees. The advisory committee decides eminent personalities as guest of honors'. Minimum two review meetings are conducted before the fest. After completion of the fest a feedback meeting is conducted.



File Description	Documents
Paste link for additional information	<a href="http://mbcpeermade.com/Co-Curricular/Tech-Fest/24">http://mbcpeermade.com/Co-Curricular/Tech-Fest/24</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

MBC CET has strategic plan in place for next 5 years starting from 2020 for developing the institution into a premier one, sticking on the Vision and Mission. The strategic plan mainly focusses on following directions: 1. Enriching the curriculum with different accreditation 2. Research, Innovation, Consultancy and Entrepreneurship. 3. Learning resources, Industry - Institute interaction, Infrastructure. 4. Green initiatives & Social responsibilities. MBC CET started practising Outcome Based Education (OBE) immediately after the strategic plan is formulated. POs and PSOs were finalized in consultation with stakeholders, whereas COs were finalized by course faculty and subject experts. Curriculum gaps were identified and filled through various initiatives. College aims and received NBA Accreditation August 2022. Research and Innovation are the other areas wherein college concentrates. C-RiSE (Centre for Research Initiatives in Science and Engineering) is established in the college.

Learning resources are another area wherein MBC CET focusses. For accomplishing this, Web learning center, Library expansion, MOOCs and NPTEL courses are envisaged. A four storied Knowledge Tower with a built up area of approximately 25000 sq ft. with Modern Library, Incubation Centers, Convention Centre and Guest accommodations are included in the plan. To ensure the development of the society, many community development and societal programs are included in the strategic plan.. In order to motivate students joining for engineering courses, science talent tests were conducted in various schools. Science Club of MBC CET conducts the Einstein Science Talent Test.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

The institution has a clear organizational hierarchy and structure to support decision making process that is consistent with its purposes. "T3- Trust, Truth and Transparency" being the motto of the institution, the organizational structure allows MBCCET to involve stakeholders in various Committees/ Boards. Continuous and meticulous efforts are ensured to maintain quality in both academic and administrative levels.

Governing board gives strategic directions keeping in view the long term goals, vision and mission of the institution. Principal in consultation with the management prepares an action plan which is approved by the college council. Teaching Learning process is monitored by Head of Departments. The implementation of various activities covered under the quality policy is recorded in prescribed quality formats and maintained properly and is reviewed by two internal audits and one external audit per semester. Different committees are formed for the effective functioning by appointing senior faculty and Head of various departments.

Recruitment of staff is carried out well before the academic process. Teaching faculty members are recruited as per AICTE rules and regulations. Faculty selection committee consist of Governing board members, Principal and respective HoDs. Performance of teaching as well as non-teaching staff is evaluated every year. For teaching faculty members, Performance Based Appraisal System with Key Performance Indicators is followed

File Description	Documents
Paste link for additional information	<a href="https://mbcpeermade.com/About-Us/Management/Governing-Board">https://mbcpeermade.com/About-Us/Management/Governing-Board</a>
Link to Organogram of the institution webpage	<a href="https://www.mbcpeermade.com/Organization-Diagram">https://www.mbcpeermade.com/Organization-Diagram</a>
Upload any additional information	<a href="#">View File</a>

<b>6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
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File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

<b>6.3 - Faculty Empowerment Strategies</b>
6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff
<p>The institution has effective welfare measures for teaching and non- teaching staff The institution with a residential campus provides efficient and effective welfare measures for the teaching and non-teaching staff. This is one of our highlights.</p> <p><b>Welfare Measures</b></p> <p>? Medical insurance for staff</p> <p>? Co-operative society under society registration act with subsidized charge</p> <p>? Providing free bachelor quarters</p>

- ? Family quarters are provided with subsidized charge
- ? Self-appraisal system for promotion and other benefits
- ? Incentives for publication of papers/research articles in SCI/SCOPUS indexed journals
- ? Rewards for excellent results
- ? Bonus for major regional festival
- ? EPF and ESI for non-teaching staff
- ? Advance salary in case of emergency situation
- ? Provide maternity leave with allowance
- ? 30 days vacation leave for faculty members
- ? Provision of college vehicle for medical emergency
- ? Sick room with a dedicated staff nurse
- ? Resident tutors are provided with free accommodation and food with subsidized charge
- ? Provides transportation facilities with subsidized charge
- ? Support for education of the children of staff in the group institutions
- ? Dedicated cabins and Wi-Fi facilities to perform duties effectively
- ? Recreational facilities like badminton, basketball, table tennis, football and cricket with financial support
- ? Staff club with financial aid for annual activities

File Description	Documents
Paste link for additional information	<a href="https://www.mbcpeermade.com/Resourses/Staff-Welfare/32">https://www.mbcpeermade.com/Resourses/Staff-Welfare/32</a>
Upload any additional information	<a href="#">View File</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

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

2

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<b>No File Uploaded</b>
Reports of Academic Staff College or similar centers	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

**33**

File Description	Documents
IQAC report summary	<b>No File Uploaded</b>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

**6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

**Institutions Performance Appraisal System for teaching and non-teaching staff**

Systematic assessment of employee's performance is carried out to interpret the potential of staff, by the college management based on their performance and contribution in teaching, research, team work, arranging curricular & co-curricular activities and publication works. The following are the benchmarks for performance appraisal for teaching staff.

#### Teaching , Learning & Evaluation related Activities

? Students feedback on faculty

? Innovative teaching methods followed by the faculty

? Result percentages in the courses handled by the faculty

? Incorporation of ICT tools in the subject delivery

? Understanding and Implementation of OBE Involvement in Mentoring process.

#### Co-Curricular, Extension & Professional Development activities.

? Number of Technical Talks, Seminar and Conferences conducted

? Contributions to enhance MoU

? Number of Papers presented in Conferences

#### Research publications and Academic related contributions

? Number of papers published in Journal

? Number of FDPs attended

? Certification courses completed like MOOC, NPTEL

? Amount of Revenue accumulated through consultancy projects

? Number of students guided

The following are the benchmarks for performance appraisal non teaching staff.

? Enthusiasm

? Sense of responsibility

? Integrity

? Self starting attitude

? Overall performance

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

#### **6.4 - Financial Management and Resource Mobilization**

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Management of the College has appointed two firms of Chartered Accountants, one for conducting internal audit and the other for external and final auditing. Internal audit by Chartered Accountants entrusted for the purpose is conducted twice in a year. All receipts and payments including cash and bank transactions are verified by internal auditors. The college is using Tally ERP9 software for its accounting and the internal auditors used to verify this also for assuring correctness of the accounts. Any corrections advised or suggestions made by the auditors will be considered and remedial measures taken accordingly with the approval of competent higher authorities. External financial audit is entrusted with another firm of Chartered Accountants. After completing internal audit and closing of accounts for the financial year, statutory auditors/external auditors conduct audit for the year. After thorough audit with respect to receipts, vouchers, bank transactions, cash transactions, bank reconciliation statements and other relevant documents, the statutory auditors prepare Receipts and payments Accounts, Income and Expenditure Accounts and Balance Sheet for each financial year. These statements along with audit Report is placed before the Supreme Administrative body of the Religious Public Trust for their detailed verification and approval.



File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

**NIL**

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

**6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**

**Strategies for mobilization of funds** The College is left with no other alternative for mobilization of its resources. Fees collected from students admitted under Management, NRI and Government quota, strictly adhering to the guidelines issued by Government, is the only source for raising funds. This is utilized for meeting the revenue expenses of the college including scholarships awarded to the students who had secured higher grades in their academics. Funds raised through PTA is utilized for the welfare activities only and at no time used for managing the day to day affairs of the college.

**Optimal utilization of resources**

- The salary of teaching and non teaching staff and maintenance cost of the institution is met from the fund mobilized from students' fee.
- A part of the fund is utilized for maintaining laboratories and for the purchase of lab equipment, software etc.

- The Governing body takes the decision for infrastructure development and fund is provided by management.
- Orientation and training programmes for students and staff are conducted regularly.
- Each department is allotted fund to organize National Conferences.
- Enough financial support is given to promote sports and games. Inter collegiate techno cultural programmes are organized annually.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Yes, the college do have a well-functioning IQAC cell constituted in the year 2017. All the academic systems like Faculty Development Programs, Conferences, Research oriented Activities, Academic Calendar, Lesson Plan, Tutorials, facilitating slow learners, Encouraging advance learners etc will be done under the strict guidance of IQAC.

Example 1: Quality assurance for the Internal Exams and Assignments. The following measures are adopted for ensuring the quality of exams.

- All the questions are framed based on blooms taxonomy.
- All the questions were mapped against corresponding Course outcomes and Program outcomes.
- A review committee is working in each department under the DQAC cell for the scrutiny of the question papers of internal exams and Assignments, the corrections made by the experts in DQAC should be made before the submission.

Example 2: Advancement in the field of Research A very well efficient Research Lab is running in the institution under Centre for Research Initiatives in Science and Engineering(C-RiSE). The measures adopted to improve the research culture are

- Conducted National level conferences across department in collaboration with good quality publications. (UGC approved).
- Constituted a Research Lab focusing on research based on IoT and Machine learning, providing IOT related hardware devices and Systems with good configuration associated with Machine learning tools.
- The research and innovations in above said areas helped the students in participation of various events like Smart India Hackathon and various Contests done by different agencies.
- Done subscription of agencies like 'Grammarly' for improving the quality of publications

File Description	Documents
Paste link for additional information	<a href="https://www.mbcpeermade.com/IQAC/About-IQAC/26">https://www.mbcpeermade.com/IQAC/About-IQAC/26</a>
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

- Institute follows Student Centric approach by assessing the knowledge and skills of the students and evaluating the Outcomes using necessary tools.
- The Institution review the outcomes of its teaching process at periodic intervals and has been modifying its policies and methodologies by with periodic Academic Audits.
- External audit by the experts allotted from the university is also undertaken.
- Internal exams are conducted in periodic manner, analyze slow learners and fast learners, take appropriate remedial actions such as remedial classes, Group discussions, Night Classes etc. for slow learners
- The student's quality is constantly monitored by encouraging them in the participation of various National and Zonal events by both government and non-government initiatives, like Smart India Hackathon, Idea Competitions by Kerala Startup Mission etc.
- Department Quality Assurance Cell is constituted in every department with branch. Head of the Department, senior

faculty member of the department, representatives of management, industry, alumni, students, PTA and academic experts are the various stakeholders.

- For improving the quality of the students, value added programmes, soft skill training etc. are conducted
- To make awareness regarding the latest technologies among the faculties institutional level short term training programs, Faculty development programs etc. are conducted.
- A new "HIGH TECH" room is opened on 6/6/2023 in order to assist video conferencing , seminars ,webinars etc with the following facilities
  - Cisco SX 80 Codec , Speaker Tracker Camera with ceiling Mics
  - LG interactive Display

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.mbcpeermade.com/IOAC/IOAC-Reports/36">https://www.mbcpeermade.com/IOAC/IOAC-Reports/36</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

It is evident from all its actions that MBC CET gives due importance for the safety and security with gender sensitivity, Students of MBC CET, irrespective of their gender, are given equal opportunities to grow and develop into able, responsible citizens of tomorrow. Gender awareness classes are organised under the active initiatives of the Women Cell. The students and staff irrespective of their gender in the college work together with mutual respect and cordial relationship while organising various events.

Main initiatives taken are:

Safety and Security: -

Women Cell 'VAJJRA'-The College has an exclusive Women Cell called 'VAJJRA' for sensitizing both students and staff about gender. The Women Cell organizes different programs like Women's safety & health, self-defence techniques for safety and interactive sessions on gender issues. Committees like Anti-Ragging, Grievance Redressal, Student Welfare, Internal Complaint, Staff Welfare have been constituted to monitor the problems, if any, and provide corrective measures.

But due to lockdown issues we were unable to organize gender equity programs during the last year.

File Description	Documents
Annual gender sensitization action plan	<p><u>It is evident from all its actions that MBCCET gives due importance for the safety and security with gender sensitivity, Students of MBCCET, irrespective of their gender, are given equal opportunities to grow and develop into able, responsible citizens of tomorrow. Gender awareness classes are organised under the active initiatives of the Women Cell. The students and staff irrespective of their gender in the college work together with mutual respect and cordial relationship while organising various events. Annual gender sensitization plan is as follows: Health and Hygiene: Interactive sessions with invited doctors on Teenage Health and Personal Hygiene for a healthy life. Awareness programmes on Women Rights and Gender equality: To conduct classes related to gender, women's rights and women empowerment for students by the departmental faculty members, NSS, and the Women's Cell. To conduct counselling sessions for the girl students on a regular manner by the lady faculty members of the above mentioned Committees. Mentoring system: Provide professional counselling to the students. From the beginning, the new students are to provide a mentor (who will be a teacher of her department). Weekly meetings between the mentor and mentee are to be conducted for them to smoothen the burden of study and to ease the stress in the new atmosphere. Entrepreneurship opportunities: Training on arts and crafts using waste materials. Cultural activities: To ensure equal rights and participations of girl's students by all means without any sign of</u></p>

	<p><u>gender discrimination in regular cultural activities, sports, NSS, performing arts etc. Conduct activities like Blood donation camp, AIDS awareness, female foeticide, dealing with COVID-19 pandemic, etc in association with NSS unit of our college.</u></p>
<p>Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information</p>	<p><u>1.Safety and Security 2.Counselling 3.Common Room It is evident from all its actions that MBC CET gives due importance for the safety and security with gender sensitivity, Students of MBC CET, irrespective of their gender, are given equal opportunities to grow and develop into able, responsible citizens of tomorrow. Gender awareness classes are organised under the active initiatives of the Women Cell. The students and staff irrespective of their gender in the college work together with mutual respect and cordial relationship while organising various events. Main initiatives taken are: Safety and Security: - Women Cell 'VAJJRA'-The College has an exclusive Women Cell called 'VAJJRA' for sensitizing both students and staff about gender. The Women Cell organizes different programs like Women's safety &amp; health, self-defence techniques for safety and interactive sessions on gender issues. Committees like Anti- Ragging, Grievance Redressal, Student Welfare, Internal Complaint, Staff Welfare have been constituted to monitor the problems, if any, and provide corrective measures. Security Staff: Round the clock security is provided in the campus to ensure the safety &amp; security of students and staff. Details of the visitors and vehicles entering the campus are noted in the security hub. Residential Campus: Around 70% students are residing in the campus and many of the staff including Principal is campus residents. This adds up the</u></p>

safety conscious of the students especially girls. Transportation: MBCCET offer comfortable conveyance for students and staff from different locations and routes, as the college is located in a hilly area. students and staff utilize this facility to commute. Sports and fitness: Facility is provided for the physical fitness of the students and staff. Health Centre: A health centre with the assistance of a qualified nurse is functioning inside the campus for basic first aid and emergency medical assistance. In case, further check-up is required, vehicle with driver assistance is provided to take them to nearest hospital. Sanitarynapkins are kept for distribution in co- operative society working in the campus. Napkins are disposed using incinerators. In addition to the above facilities, CCTV surveillance in hostels and campus, fire extinguishers inside the buildings, separate indoor courts for girls and boys, assistance of wardens in hostels are provided. Counselling: A Counselling Centre under the guidance of Student Advisor is functioning in the campus. This helps to alleviate mental strains and to excel in academics. An effective mentoring system in which a faculty is entrusted to maximum of 20 students is implemented. Yoga & Meditation classes are conducted for the students. Common Room: Rest rooms for students are arranged in the main building. Common Room: Rest rooms for students are arranged in the main building. Common rest room is provided to lady staff for their leisure and comfort. Separate toilets for boys and girls are provided on every floor of the academic and lab blocks.

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

**C. Any 2 of the above**



conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

**Solid waste management:**

Separate bins for biodegradable, non-biodegradable and other solid waste are kept at different locations in the campus.

A biogas plant is installed at men's hostel for the treatment of food waste. The food waste generated in the quarters are converted into manure in pot compost or pipe compost.

Incinerators are used for the disposal of sanitary pad waste generated in the ladies hostel. Sign boards are displayed throughout the campus for encouraging waste reduction.

The student units like NSS and Eco-Club are doing many awareness programs in the campus related to waste management.

**Liquid waste management:**

All waste water lines from toilets, bathrooms and kitchens are connected to the septic tank. The acidic waste generated in the laboratory are neutralized and disposed.

**E-waste management:**

The students and staff of various departments are instructed to hand over the ewaste including non-working computers, mobile phones, calculators, CD players, printers and other peripherals to the technical staff of the laboratory.

To substantiate the vision of reducing the wastes, MBCCET started implementing e-governance and ICT support in all administrative and academic jobs with limited paper usage.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<b>No File Uploaded</b>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

**B. Any 3 of the above**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

**E. None of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

MBC CET always encourages the students to organise and participate in different programmes organised by college, inter-college, university to make them sensitise towards cultural, regional, linguistic, communal and socio economic diversities.

**Onam Celebration**

Onam is celebrated in MBC CET with great enthusiasm. College union and departments organizes various programmes and games which ensures the unity among students.

**Christmas Celebration**

Christmas is observed as a religious and cultural celebration in the College like the millions of people in the world.

MBC CET celebrates as an opportunity to inculcate values like loving everyone, caring the needy, and sharing with family and society. College organises different programmes for staffs and students like Carol singing competition, Cake cutting etc.

**THANDAVA (Annual Cultural event) & SWASTIKA (Annual Technical Fest)**

The college organises annual cultural meet THANDAVA in every year to promote cultural harmony among students and staffs. Also MBCET organises technical fest SWASTIKA which acts as a platform for students to showcase their innovative ideas, compete with their peers, and have a feel of the 'real world'.

Due to this pandemic situation we were not able to conduct the above activities in offline mode

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Independence and Republic Days are celebrated in MBCET with great enthusiasm and high patriotic zeal. Principal/Chief guest hoists the flag in the presence of students and staff. To pay respect and to commemorate the great leaders all salute the flag and recite the National Anthem. To spread the message and importance of the day, Principal / Chief Guest addresses the gathering

Teacher's Day is celebrated on 5th September every year in memory of birth anniversary of Dr. Sarvepalli Radhakrishnan, a philosopher and a great teacher. In MBCET we celebrate teacher's day with enthusiasm and respect. Quiz programs, elocutions are conducted along with games. A clear message on the importance of Teacher's in moulding the students as better human being is conveyed.

Mahatma Gandhi birth anniversary (October 2nd) is generally celebrated by organizing programs such as Green Campus and Clean campus activity campaign. Gandhiji's message of nonviolence and its importance is conveyed to the students.

National Service Scheme unit of the college organizes NSS day on 24th September to make the NSS volunteers aware of their duties and responsibilities. NSS help the students to develop the feeling of oneness, empathy, compassion and sensitiveness

to the needs of the less fortunate.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.mbcpeermade.com/Co-Curricular/NSS/20">https://www.mbcpeermade.com/Co-Curricular/NSS/20</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff**  
**4. Annual awareness programmes on Code of Conduct are organized**

D. Any 1 of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The following programmes were celebrated in MBC CET in association with our NSS unit.

Independence and Republic Days are celebrated in MBC CET with

great enthusiasm and high patriotic zeal. Principal/Chief guest hoists the flag in the presence of students and staff. In MBCET we celebrate teacher's day with enthusiasm and respect. A clear message on the importance of Teacher's in moulding the students as better human being is conveyed. Mahatma Gandhi birth anniversary (October 2nd) is generally celebrated by organizing programs such as Green Campus and Clean campus activity campaign. As part of the Engineers day celebration, the college organizes various events for students in association with the Institution of Engineers (India) and cash prizes are distributed. Awareness is created among the students and staff members of MBCET about the importance of water. Poster and banners are displayed inside the campus for the awareness. Poster competitions, Essay writing, and Marathons are also conducted to make the celebration colourful. National Service Scheme unit of the college organizes NSS day on 24th September to make the NSS volunteers aware of their duties and responsibilities. NSS help the students to develop the feeling of oneness, empathy, compassion and sensitiveness to the needs of the less fortunate.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### BEST PRACTICE 1

**Title of the Practice: Evolving holistic development of engineers by inculcating innovation culture through experiment and experience.**

### BEST PRACTICE 2

**Title of the Practice:**

Catering the needs of the slow learners, we develop a culture of inclusive learning, nurturing companionship of advanced learners under the guided association of faculty.

**BEST PRACTICE 3**

**Title of the Practice: Mar Baselios Christian college Semester-wise Academic planning. (MBCSAP)**

File Description	Documents
Best practices in the Institutional website	<a href="https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria_7/7_2_1/Best_Practices.pdf">https://www.mbcpeermade.com/UserFiles/MBC/file/NAAC/Criteria_7/7_2_1/Best_Practices.pdf</a>
Any other relevant information	<a href="https://www.mbcpeermade.com/Centers/NAAC/78">https://www.mbcpeermade.com/Centers/NAAC/78</a>

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

While MBCCET give due importance to ethical values in academics, the other initiatives the Institution put up to sink with academics are scribbled below:

The primary objective of the institution is to provide superior knowledge in technology and giving our students a bright future laden with ethics and human values. The institution also aims at reviving the learning skills with a focus on demands of future, vitalizing teaching learning process, and functional relationship with all the stakeholders for the holistic development of the individual and society.

Orientation programs which emphasizes on human values, professional ethics, self-respect, spirituality in education etc are organized.

A serene, placid chapel oozing out sanctity and piety is functioning inside the campus for students to perform their spiritual rituals.



Each and every function in MBCCET, whatever small or big it is, it starts with a prayer for invoking the presence of ultimate. This culture gives awareness that the human potential without the divine source is infinitesimal.

College encourages to celebrate various religious and state festivals such as Onam and Christmas thus giving due importance to all religious sectors.

Scholarships worth two crore are awarded to meritorious students every year irrespective of cast, community and religion.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

#### 7.3.2 - Plan of action for the next academic year

MBCCET has always been striving towards excellence. The plan for the next academic year is summarized as follows:

1. We are planning to include more internships, workshops and add-on courses in the curriculum to improve the quality of students and make them more competent to the present world. The programmes are planned well in advance and are published through the academic calendar issued in the beginning of the semester.

2. The teaching learning process will be worked out proficiently to achieve maximum results and attainment.

3. To enhance the innovations and research in our college we have C-RiSe and CiTe which will enable the students to participate in the internal and external competitions related to the engineering fields. There are several extension activities planned which will help the students to escalate themselves in various fields of Engineering.

4. The necessary infrastructure is consistently maintained to improve the atmosphere of learning and smooth functioning of the systems of the college

. 5. The students are encouraged to participate in more placement trainings, placement activities and motivational lectures will be given to invigorate their instincts for higher studies.

6. The college sets a strategic plan to improve the grade of the institution to a higher level. More faculty development programmes are planned to be organized to upgrade the quality of faculty of the college

7. The college is providing a green environment and a serene climate to exalt the mind and body to a make MBCCET, Peermade perfect educational habitat.