



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

MGM'S COLLEGE OF ENGINEERING AND TECHNOLOGY, KAMOTHE

- Name of the Head of the institution **Dr. GEETA S. LATHKAR**
- Designation **Director (Additional charge)**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **02227433421**
- Mobile no **8767009107**
- Registered e-mail **director@mghmmumbai.ac.in**
- Alternate e-mail **director@mghmcen.ac.in**
- Address **Plot no 1 and 2 , Sector -1  
Kamothe ,Panvel , NH-04, Sion  
Panvel Expressway Navi-Mumbai**
- City/Town **Panvel**
- State/UT **Maharashtra**
- Pin Code **410209**

##### 2.Institutional status

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

- Financial Status **Self-financing**
- Name of the Affiliating University **University of Mumbai**
- Name of the IQAC Coordinator **Prof. P. J.Salunke**
- Phone No. **02227433421**
- Alternate phone No. **02227433421**
- Mobile **9821771767**
- IQAC e-mail address **salunke\_pj@mghmmumbai.ac.in**
- Alternate Email address **vice.principal@mghmmumbai.ac.in**

**3.Website address (Web link of the AQAR (Previous Academic Year)**

[https://www.mghmmumbai.ac.in/mgmce/t/sites/default/files/inline-files/AQAR%202021-22\\_0.pdf](https://www.mghmmumbai.ac.in/mgmce/t/sites/default/files/inline-files/AQAR%202021-22_0.pdf)

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

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.mghmmumbai.ac.in/mgmce/t/academics/academic-calender>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.61</b>	<b>2020</b>	<b>12/02/2020</b>	<b>13/02/2025</b>

**6.Date of Establishment of IQAC**

**27/02/2017**

**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
-	-	-	-	-

**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 3**

- 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)**

- Initiative to use ERP platform for students, staff, and faculty members.
- Offering training program to students on current technology to improve the student's placement.
- Establishment of Incubation and Innovation cell to conduct various activities for students and faculty members.
- Organization of aptitude and life skill training programs for students.
- Establishment of SAP Lab for SAP training and training on ABAP.

**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
1) Planning of industrial visits for students of various departments	Several departments have successfully organized industrial visits to gain practical learning based on course curriculum.
2) Conduction of inter-disciplinary project competitions for students.	Organized inter-disciplinary Medico -Techno Hacks (Idea to concept building workshop) conducted on 24, 25 and 27 March 2023.
3) Improvement in existing infrastructure.	Renovation work along with the retrofitting of the existing columns is carried out.
4) Planning of organizing guidance sessions for administrative services and armed forces for students.	Various sessions are organized and conducted for students.
5) Planning of improving the entrepreneurship awareness among students.	Seminar and workshops are conducted on regular basis to encourage the students about entrepreneurship and skills.

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	10/05/2023

14. Whether institutional data submitted to AISHE

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>MGM'S COLLEGE OF ENGINEERING AND TECHNOLOGY, KAMOTHE</b>
• Name of the Head of the institution	<b>Dr. GEETA S. LATHKAR</b>
• Designation	<b>Director (Additional charge)</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>02227433421</b>
• Mobile no	<b>8767009107</b>
• Registered e-mail	<b>director@mghmmumbai.ac.in</b>
• Alternate e-mail	<b>director@mghmcen.ac.in</b>
• Address	<b>Plot no 1 and 2 , Sector -1 Kamothe ,Panvel , NH-04, Sion Panvel Expressway Navi-Mumbai</b>
• City/Town	<b>Panvel</b>
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• Pin Code	<b>410209</b>
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• Affiliated /Constituent	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>
• Financial Status	<b>Self-financing</b>
• Name of the Affiliating University	<b>University of Mumbai</b>

• Name of the IQAC Coordinator	Prof. P. J.Salunke				
• Phone No.	02227433421				
• Alternate phone No.	02227433421				
• Mobile	9821771767				
• IQAC e-mail address	salunke_pj@mghmmumbai.ac.in				
• Alternate Email address	vice.principal@mghmmumbai.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.mghmmumbai.ac.in/mgmet/sites/default/files/inline-files/AQAR%202021-22_0.pdf">https://www.mghmmumbai.ac.in/mgmet/sites/default/files/inline-files/AQAR%202021-22_0.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.mghmmumbai.ac.in/mgmet/academics/academic-calender">https://www.mghmmumbai.ac.in/mgmet/academics/academic-calender</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.61	2020	12/02/2020	13/02/2025
<b>6.Date of Establishment of IQAC</b>			27/02/2017		
<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	
-	-	-	-	-	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			3		
• Were the minutes of IQAC meeting(s)			Yes		

<p>and compliance to the decisions have been uploaded on the institutional website?</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>No</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>• Initiative to use ERP platform for students, staff, and faculty members. • Offering training program to students on current technology to improve the student's placement. • Establishment of Incubation and Innovation cell to conduct various activities for students and faculty members. • Organization of aptitude and life skill training programs for students. • Establishment of SAP Lab for SAP training and training on ABAP.</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>		
Empty space for plan of action and outcome		

Plan of Action	Achievements/Outcomes
1) Planning of industrial visits for students of various departments	Several departments have successfully organized industrial visits to gain practical learning based on course curriculum.
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<b>13.Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Council	10/05/2023
<b>14.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2022-23	31/01/2024
<b>15.Multidisciplinary / interdisciplinary</b>	
The institution is affiliated to University of Mumbai, we follow the curriculum designed by university. As per the new Revised C	



scheme syllabus, most of the subjects are kept as electives at department and institute level. These department level optional courses (DLOCs) and institute level optional courses (ILOCs) includes several interdisciplinary and multidisciplinary courses. As per student's preferences, department offers DLOCs and ILOCs. Students also carry out their mini-project and major-project work in interdisciplinary and multidisciplinary areas. Under departmental association curricular activities, student's participation is always from all the disciplines. In various student clubs, more focus is given to accommodate students from various disciplines. Students from different departments work together on the same project definitions and participate in the various competitions. Also students from different departments work together on common problem definitions to participate in various competitions like Hackathon, Ideathon etc. Students from the different department of the institute works on projects to offer solution to helthcare related issues that exists in our sister concern medical institution.

#### **16.Academic bank of credits (ABC):**

MGM CET students registered for Academic Bank of Credits (ABC) under Mumbai University and ABC IDs are generated for them while students are filling their enrollment to Mumbai University. These ABC IDs are generated on the basis of their Aadhar Number.

#### **17.Skill development:**

The institution organizes the activities such as STTPs, FDPs, training sessions, industry internships, industry projects and visits. Institute has established incubation cell, entrepreneurship, skill development cell and Training & Placement cell. These different cells also conduct activities and training programs for faculties and students. The institution has also executed MOUs with Campus Credential and EKeeda companies.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

"MANGALAM" is the annual social program of the institution. It is organized every year and students participate in various cultural activities which encompasses various Indian languages and cultures of various states. Institute also celebrates "Marathi Bhasha Din" in which students and faculties share their views about the contribution of various personalities in strengthening the Marathi language literature.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

MGM CET is affiliated to University of Mumbai and follow the curriculum of the university. Faculty members refer the course outcomes that is already mentioned in curriculum or if necessary, they modify it in order to calculate attainment levels. Program Specific Outcomes (PSO's) are formulated by Controlling Authority. Course Outcomes are included in session plan, lab manual are prepared as per the curriculum of University of Mumbai . Faculty members will discuss course objectives and course outcomes with students in very first theory session of the course. College conducts orientation program for newly admitted first year students, direct second year students along with their parents. In this orientation program, Director discusses about the college Vision and Mission and HODs will highlight about POs, PSO, COs alongwith the current system of Outcome Based Education (OBE) with students and parents. Assignments and question papers covers all the COs defined for the course. The teaching- learning process and assessment methods are designed at par to achieve attainment of COs and POs.

## 20.Distance education/online education:

### Extended Profile

#### 1.Programme

1.1

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

12

File Description

Documents

Data Template

[View File](#)

#### 2.Student

2.1

Number of students during the year

2087

File Description

Documents

Institutional Data in Prescribed Format

[View File](#)

2.2

Number of seats earmarked for reserved category as per GOI/

315

State Govt. rule during the year						
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>			File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents					
Data Template	<a href="#">View File</a>					
2.3	Number of outgoing/ final year students during the year	626				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td>No File Uploaded</td> </tr> </tbody> </table>			File Description	Documents	Data Template	No File Uploaded
File Description	Documents					
Data Template	No File Uploaded					
<b>3.Academic</b>						
3.1	Number of full time teachers during the year	90				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td>No File Uploaded</td> </tr> </tbody> </table>			File Description	Documents	Data Template	No File Uploaded
File Description	Documents					
Data Template	No File Uploaded					
3.2	Number of sanctioned posts during the year	126				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td><a href="#">View File</a></td> </tr> </tbody> </table>			File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents					
Data Template	<a href="#">View File</a>					
<b>4.Institution</b>						
4.1	Total number of Classrooms and Seminar halls	46				
4.2	Total expenditure excluding salary during the year (INR in lakhs)	627.72				
4.3	Total number of computers on campus for academic purposes	774				
<b>Part B</b>						
<b>CURRICULAR ASPECTS</b>						

## 1.1 - Curricular Planning and Implementation

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

The institution has the mechanism for well-planned curriculum delivery and documentation process. MGM CET, affiliated with the University of Mumbai and approved by AICTE conducts eight UG, three PG, and one Research program in engineering and follows the curriculum approved by the University of Mumbai for UG and PG Courses. The Institute adopts a systematic approach for effective curriculum implementation. Faculty are involved in various university bodies such as Board of Studies (BOS), Faculty of Technology, Syllabus setting, Result moderation etc., and are actively involved and contribute to curriculum framework design. In line with academic calendar provided by university, Director and Heads of department discuss and prepare an academic schedule of the Institute

Pre-semester activities which begin immediately after the preceding semester is over, start with allocation of courses to the faculty members to enable them to plan by preparing, laboratory ready activities including up-gradation of existing laboratory manuals, assignments for the students, tutorial sheets, up-gradation of existing workbooks, conceiving projects for advanced learners, identifying resource persons from industry, course files, course plan etc. with due attention to "Outcome Based Education (OBE)". Director, Academic co-ordinator and HOD monitor the progress of curriculum implementation regularly during the semester.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

A detailed and well planned 'Academic Calendar' in line with University of Mumbai, helps execution of semester activities rigorously. Semester activities begin effectively with a full day "Orientation Program" for newly admitted FE and DSE students as well as regular SE, TE and BE students of various departments where the Heads of Departments present 'Departmental Activity

Calendar'. Identified experts from Industry and Academia addresses the students and make them aware of Industry-Ready activities. Meticulous implementation of time table, and adhering to the assignment schedule help to achieve quality of teaching-learning process. Monthly class attendance is displayed and conveyed to the students as well as parents. Academic monitoring takes place in monthly academic committee meetings under the chairmanship of Director by reviewing academic activities and ERP data.

Extensive use of ICT, NPTEL, MOOCs, help the Teaching-Learning more interacting. Internet and Wi-Fi facilities support these activities. Mid-semester feedback from students helps corrective actions. Advanced learners projects are strictly monitored involving industry experts and concerned faculty. Final review of projects is done with the help of industry experts including Alumni at the end of the semester.

File Description	Documents
Upload relevant supporting document	No File Uploaded
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**

**B. Any 3 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	No File Uploaded

**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**

8

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)**

00

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	No File Uploaded

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

0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

**1.3 - Curriculum Enrichment**

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

Being an affiliated Institute, we follow curriculum of University of Mumbai, which integrates cross cutting issues such as gender, environment and sustainability, human values and ethics through the different courses. Course on 'Business Communication and Ethics' offered to all eight Departments. Course on 'Environmental Engineering' offered for Chemical Engineering and Civil Engineering whereas the Environmental Management course is offered for all the branches as Institute level optional course. Course on 'Renewable Energy Sources' offered for Mechanical Engineering and Electrical Engineering. Courses on 'Non-Conventional Sources of Energy', 'IPR', 'Bioethics' and 'Bio-safety' offered for Course on 'Solid Waste Management' offered for Civil Engineering.

'Gender Equity' has been one of the thrust areas of the Mahatma Gandhi Mission (MGM), which also reflects from the data that about 35 % faculty members are ladies. 'Women Development Cell' is constituted to ensure equity between men and women and organizes gender awareness activities, invite successful women to interact with staff and students of college etc. Street plays are also organized towards Gender Equity. Girl students were also General Secretaries of Students Council on several occasions. 'Internal Complaints Committee' i.e. Women's Redressal Committee is constituted in the institute as per VISHAKA guidelines.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

61

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
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

729

File Description	Documents
Any additional information	No File Uploaded
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**

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded



<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>B. Feedback collected, analyzed and action has been taken</b>
File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment Number Number of students admitted during the year</b>	
<b>2.1.1.1 - Number of students admitted during the year</b>	
587	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>
<b>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)</b>	
<b>2.1.2.1 - Number of actual students admitted from the reserved categories during the year</b>	
323	
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>
<b>2.2 - Catering to Student Diversity</b>	
<b>2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners</b>	
The MGM CET follows mentor-mentee system to interact with the students. This system helps to identify advanced learners and slow learners among them. Through a mentor-mentee system, slow learners are given support as per their needs. In order to assess the	

learning level of students, institute conducts two internal tests, regular assignments, viva-voce, presentations, mini and major project work and end semester examinations as per curriculum set by University of Mumbai. This assessment is helpful to identify the slow and advanced learners and to plan and organize appropriate events or to arrange some activities to excel them in academic and co-curricular events. Mentors provide professional or emotional counseling as per needs of the students. Remedial lectures are organized for slow learners and advanced learners are encouraged by assigning mini project work, innovative assignments, quizzes etc. Mentors specially pays more attention towards slow learners and help them as per their need. MGM CET also encourage the slow learners and advance learners to attend seminars, webinars, and to appear for extra courses that helps them to know about current industrial needs.

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

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

Number of Students	Number of Teachers
2087	90

File Description	Documents
Any additional information	No File Uploaded

### 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

The different student-centric activities are conducted by the institution for effective teaching-learning process. These student centric methods include experiential learning, participative learning and problem-solving methodologies in order to improve learning experiences of the learners. These methods are practiced at program level, course level & lesson level. The student centric methods include seminars, case study, industrial visits, problem-based learning, expert lectures, workshops. etc. These student centric methods help to improve the teaching learning process and

provides exposure to students to real life aspects. The institution encourages the students to participate in various intra-college, state and national level project competitions. All the departments plan and organize seminars, webinars and expert lectures for students from industry experts/alumni to get awareness about current technology and trends. Student-centric learning is observed through practical sessions where students apply theoretical concepts learned in classroom. Institute also encourages the students to enroll and get certification for Moodle-courses, NPTEL certification courses and other add-on online courses for self-paced learning. Students enroll and completes various internship programs in order to improve their skill in real life problem solving and experiential learning

File Description	Documents
Upload any additional information	No File Uploaded
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

The classrooms and laboratories in the institution are ICT-enabled with projectors installed. The effective delivery of knowledge is practiced through effective teaching learning process with the use of ICT tools in education to support, enhance, and optimize the delivery of knowledge. Teachers are encouraged to learn, adopt and practice the ICT enabled tools for effective delivery of knowledge. Laptops, tablet pens, video lectures, power point presentation, zoom, google meet, google classroom etc. are used to make teaching learning process more effective. Seminar halls are equipped with all digital facilities. Teachers are encouraged to use these tools for delivery of lectures, project presentation, mentor mentee meetings etc. Students also are encouraged to register for Moocs courses such as NPTEL, Coursera, SAP, Udemy, Edx, Ekeeda digital university etc. Students makes use of e-resources in order to enhance their learning experience. Subject related study material, assignments is shared through google classroom. Teachers practices virtual labs to conduct laboratory sessions through simulations. Online-mode is more preferred to conduct webinars, seminars and expert talks which also helps to increase industry connect. The departments conduct seminars, workshops and faculty development programs using ICT tools and encourages faculty members to participate in such activities.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

### 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

90

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
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

90

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

#### 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

27

File Description	Documents
Any additional information	No File Uploaded
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

11

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.

MGM CET is affiliated to University of Mumbai and follows syllabus prescribed by university. As per syllabus scheme, in each semester two internal tests of 20 marks each are conducted which are separate head of passing. The schedule of academic calendar is strictly followed for conduction of these tests. The syllabus for test is discussed with students well in advance. The evaluation of internal examination as well as laboratory work is based on well-defined rubrics which are transparent and strictly followed. The results of the first internal test are declared within a one-week period. The solution of question papers and marking scheme is discussed with students to observe the transparency in assessment. The low scoring students in first internal test are encouraged for study and improvement in second internal test. All the department follows continuous evaluation of laboratory work, assignments, mini and major projects. Answer books of the internal test examination are shown to the students so that they are satisfied

with the evaluation and also understand the mistakes made by them and avoid such mistakes in the end semester examination. The department exam co-ordinator carries out the analysis of internal class test examination for each course. The format of question paper for all the courses are same and is discussed with students well in advance to avoid confusion. The Bloom's taxonomy levels are used while setting the question papers.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

In MGM CET, it is common practice to discuss answer books of Internal Tests with the students. In this discussion, faculty members clarify the students' doubt about evaluation. For any grievances, students fill up the grievance form and submit to the faculty member along with the answer book. After this, Departmental Examination Co-ordinator verify the grievances and then submit answer books and grievance forms to examination section within two working days for further procedure. The report of re-assessment is verified by grievance committee members and exam cell in-charge and they approve correction and sign and the results are displayed. For End Semester examination, second year and third year students fill the application online for photocopy with requisite fees as per the notice displayed by the examination Cell and submit hard copy of the same to the examination cell. Student receives photocopy within 07 days from application date. If students notice any discrepancies in answer book, then they have to apply for revaluation. The revaluation is completed within defined time limit. For university examination, respective class in-charges forward the application to University of Mumbai through exam cell within next three days. The university shall endeavor to supply photocopy (ies) of answer books within twenty-five working days from the date of receipt of application to the university.

File Description	Documents
Any additional information	No File Uploaded
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.

For all the courses in the curriculum, the University has prescribed the course outcomes. Faculty members may add their own course outcomes to calculate attainment levels. Program specific outcomes (PSO) are formulated with discussion with faculty members in departmental meetings. All faculty members prepare session plan for their course before commencement of the semester. The course outcomes are also included in session plan, lab manual. Faculty members discuss course objectives and course outcomes with students in very first theory session of the course. In addition to this, programme outcome (PO), programme specific outcome (PSO) and course outcome (CO) are displayed on institute website and communicated to all stake holders including faculty members and students. These are also displayed in Principal cabin, HOD's cabin, classrooms, laboratories, and corridor. In orientation program for newly admitted students, Principal and HODs discuss college vision, mission, POs, PSO, and COs with students and parents. Students and parents are also introduced about current system of Outcome Based Education (OBE). Assignments and question papers covers all the COs defined for the course. Course outcomes are formulated in a way that they are measurable, precise and maps across all cognitive levels of Bloom's taxonomy.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO_PO_PSO%20Mapping%20Summary%20Chemical%20Engineering%2022-23.pdf">https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO_PO_PSO%20Mapping%20Summary%20Chemical%20Engineering%2022-23.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

All subject teachers use course outcomes (COs) for their course from university syllabus. In addition, they can formulate their own COs if needed. An attainment for each CO is calculated by mapping each CO to program outcomes (POs) and with Program Specific Outcomes (PSOs). A correlation is established between COs



and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). Correlation between the course outcomes and program outcomes (POs) and Program Specific Outcomes (PSOs) is established for all courses of the program. The PSOs are in line with the expectation of the professional bodies and the society. Student's performance in internal and external examinations is considered to calculate attainment level. The direct and indirect assessment both are considered for calculation of CO attainment. In direct attainment of CO, 30% of CO attainment in internal examination, 60 % of CO attainment in the external examination and 10% Course exit feedback and indirect feedback is included. Average of attainments of all CO contributing to the specific PO is taken to calculate the direct attainment of PO. In overall attainment calculation of CO, 90 % direct attainment and 10% indirect attainment is considered.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO_PO_PSO%20Mapping%20Summary%20Chemical%20Engineering%202022-23.pdf">https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO_PO_PSO%20Mapping%20Summary%20Chemical%20Engineering%202022-23.pdf</a>

### 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

532

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	No File Uploaded
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.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/SSS%20AY%202022-23.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)**

0

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)	<a href="#">View File</a>

**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**

1

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

0

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
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

Under the flagship of Ministry of Education (MoE), Govt. of India, MGM CET has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of this council is to encourage, inspire and nurture our young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

Major focus of MGM CET's IIC To create a vibrant local innovation ecosystem. Start-up supporting Mechanism in HEIs. Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework. Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas. Develop better Cognitive Ability for Technology Students. Objective of MGM CET's Institution Innovation Council, Entrepreneurship and Incubation Center and ECell To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion. 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. Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students. Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

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

03

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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	Nil
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

27

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

14

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

MGM CET conducted two workshops in collaboration with IEEE SIGHT and IEEE students chapter in the year 2023. This was conducted to spread awareness about health and educate about space, satellites and wireless communication in young mind of Pre-University Students.

STEM workshop was conducted in two Municipal schools in Kamothé on 10th and 11th Aug 2023.

In collaboration with its sister concern MGM Community Medicine , MGM CET organized a trip to a municipal hospital in Khopoli. This was with the vision to identify the vulnerable children of the age upto 6 years, who have missed the immunization and growth monitoring.

In order to achieve the above milestone, It was further discussed to consolidate and develop macro analytical capabilities using IoT technology and network facilities. The work is presently in progress to achieve the same.

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

16

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
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

0

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)	No File Uploaded

### 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**

0

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)	No File Uploaded

**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**

48

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	<a href="#">View File</a>
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**

03

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	<a href="#">View File</a>
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 institution has adequate facilities for teaching-learning as per the norms specified by statutory bodies. Necessary budget is allocated every year by the management for creation and upgradation of infrastructure in the institution. The academic infrastructure in the institution is as per the norms prescribed by All India Council of Technical Education (AICTE), Directorate of Technical Education (DTE) Maharashtra State and University of Mumbai.

The institution has 30 classrooms for UG and 7 classrooms for PG. Every department is provided with a smart classroom. The institution also has a drawing hall and a workshop which are as per norms. There are eight seminar halls and an auditorium in the premises.

The institution has well-equipped laboratories in every department. There are minimum 8 laboratories of 66 sq. m. area in each department running undergraduate program and minimum 9 laboratories of 66 sq. m. area in each department running undergraduate and postgraduate programs. The institution also has few laboratories of 200 sq. m. area as per norms.

The institution has 863 computers to take care of the computational requirements of the students and the faculty members. The institution has a computer centre which is as per norms.

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

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

The students of the institution are encouraged to actively participate in sports and cultural activities. The campus where the institution is located has a large multipurpose playfield of 11309 sq. m. area established in the year 1993 which is used for sports such as cricket and football and for the Annual Day celebrations. Inner courtyard and outer courtyard of the college are also used for sports such as badminton. There is also a well-equipped gymnasium which is used by the students for their physical fitness.

Eight seminar halls and an auditorium are available in the premises which are used for conducting various activities. The seminar hall at the ground floor of the institution is also used as a facility for yoga. Facility to store sports equipment is available in the institution. The multipurpose playfield, gymnasium and auditorium available on the campus are shared facilities.

The facilities available are used for various cultural activities and celebration of days of national importance such as Fresher's Welcome, ManGalaM Fest, Alumni Meet, Degree Distribution Ceremony, Independence Day, Republic Day, Gandhi Jayanthi, Teachers Day, Engineers Day and International Women's Day. Sports are organized throughout the academic year and also as part of the ManGalaM Fest.

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

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



46

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

31.34

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)

##### Details of Integrated Library Management System

Name of the ILMS software

KOHA Library Management System

Nature of automation (fully or partially)

Partially

Version

3.12.07

Year of Automation

2016-2017

Total number of books (Including M.E Dissertations)

50305

Total number of titles

17822

Total number of print journals

67

Total number of e-journals

4193

Total number of e-books

8072

Book bank collection

1422

NPTEL videos

267

The Central Library of the institution is well equipped with a large number of textbooks, reference books, national and international journals, encyclopedias, dissertations and e-resources. A large number of e-resources are available such as IEEE e-Journals, J-Gate, McGraw Hill Access Engineering, DELNET Package, Springer e-Books, NPTEL videos and SPSS Packages.

KOHA Library Management Software which is partially automated is available for all in-house library activities and the library also

has Online Public Access Catalogue (OPAC) where users can identify the required library resource and then go to the shelf and collect it.

Local access facility is available for referring to the databases and e-resources of the library. The library also has a reading room facility with seating capacity of 150.

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

**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	No File Uploaded
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)**

**17.15**

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

13

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

### 4.3 - IT Infrastructure

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

Features of the IT infrastructure in the institution :

- National Knowledge Network (NKN) connectivity is available at the institution.
- Wi-Fi facilities are available in the institution through NKN and Reliance Jio.
- Wi-Fi facility is available in the Smart classrooms, seminar halls and auditorium.
- Cloud Computing facilities are available at the institution.
- ERP, MOODLES and MOOCS are being used in the institution.
- Online Feedback System is being used by the institution.
- High Performance Servers are available with the institution.
- Proprietary Software such as MATLAB, STADDPro and RSoft as well as Open Source Software such as SciLab, COCO simulator and ReactorLab are available in the institution.
- Centralized UPS facility is available.
- A detailed IT asset register is maintained in the concerned departments.
- Computers or laptops are made available to the faculty members in order to promote e-learning in their courses by use of NPTEL videos and Virtual Laboratories.
- The institution upgrades its computational facilities with the latest configuration, internet lease line with high bandwidth and highly configured network equipment.
- Anti-virus software is installed on all computers in the institution and is regularly updated by the computer maintenance department.

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

#### 4.3.2 - Number of Computers

863

File Description	Documents
Upload any additional information	No File Uploaded
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	No File Uploaded
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)

331.33

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.

Maintenance of existing facilities is ensured through site office having a skilled pool of people to cater to masonry work, plumbing and carpentry work. Painting of laboratories, class rooms and other facilities is carried out on a regular basis. In addition, an electrician is available on the college premises for electrical repair and maintenance. Maintenance of the playground and lawns on the campus is carried out by gardeners.

There are laboratory assistants in all departments who take care of the maintenance and upkeep of the laboratories. Requests for maintenance and repair of equipment as well as procurement of new equipment and consumables are sent to the Stores section by the concerned laboratory in-charge through the Head of Department to the Director followed by approval of the Management and Governing Council. Annual Maintenance Contract with suppliers of laboratory equipment is undertaken as well as calibration activities for certain instruments annually or periodically.

There is a computer maintenance section in the institution which looks after the maintenance and repair of all the computers, printers and internet facilities.

Cleanliness in the institution is maintained by a housekeeping agency and maintenance of lifts, water filters and coolers is carried out under annual maintenance contract.

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**

1659

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
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

4

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	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**

1106

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

1106

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

**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. Any 3 of the above

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



**128**

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	<a href="#">View File</a>
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****12**

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****04**

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.**

03

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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 )**

Student's representation and engagement in administrative, co-curricular and extracurricular activities play a pivotal role in fostering a vibrant and inclusive educational environment. Administratively, students often participate in student governing bodies, serving as liaisons between their peers and faculty or administration, voicing concerns, and proposing initiatives for campus improvement.

In co-curricular activities, students engage in academic clubs, societies and workshops that complement their course work, fostering intellectual curiosity and skill development beyond the classroom. These activities provide platforms for students to explore their interests, collaborate with peers and enhance their academic prowess.

In the Academic Year 2022-23, the annual Techno-Cultural Fest 'Mangalam-2023' was organized during April 10-12, 2023 while Sports Week was celebrated during April 3-9, 2023. Students participated enthusiastically in these events. Winners were awarded with trophies, medals and certificates. Student Council members as well as students coordinators contributed in different

organizing committees for smooth conduction of the events.

Overall, students' active involvement in administrative, co-curricular and extracurricular activities enriches educational experience of students and promotes personal growth as they contributes to a vibrant campus community.

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**

1928

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
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

The Alumni Association contributes significantly for the development of the institution. MGM CET has an "Alumni Association" having registration no F-13676. The Alumni Association of the institution functions through its administrative body, which holds periodic meetings, elects office bearers and regularly updates the database of alumni and carries out activities to meet its objectives.

We are proud of our distinguished alumni who have received National and International recognition for their contribution

The few of them are:

1. Col. Param Veer Singh - Indian Army
2. Mr. Pardeep Pol, Section Engineer, Indian Railway.
3. Mr. Deepak Kunawat, Project Manager, CIDCO.
4. Mr. Jiten Bhardwaj, Marketing India Head, TCS
5. Mr. Akshay Tandel, Data Analytics, Facebook, USA
6. Mr. Ravi Israni, Zonal Manager, IT Div. IBM
7. Dr. Devendra Shah, Vice Principal, Thakur College of Engineering, Mumbai
8. Mr. B. K. Kushbah, Deputy Project Manager, MRCL
9. Mr. Parveen Devikar, Director Sales, Rak Free Zone ,UAE.
10. Dr. Anant Madabhusi, Professor, Case Western Reserve University ,USA
11. Sudhir C.K.Mundra, ITL,Mumbai
12. Surya Sharma, Professor ,USA
13. Mr. Neelesh Shinde, Chief Technical Officer Jupiter Hospital.
14. Rajesh Mhatre, Director Product Management Brillio Technologies LTD, Pune.
15. Rupesh Shinde, Vice President JP Morgan India Services Pvt. Ltd. Mumbai.
16. Shri. Sagar Ovhalakar, Arjun Awardee (2022)

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1IOTjnCczEkAdm_SPsmXvQ-I_qI-DMTn1/view?usp=drive_link">https://drive.google.com/file/d/1IOTjnCczEkAdm_SPsmXvQ-I_qI-DMTn1/view?usp=drive_link</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

**E. <1Lakhs**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>

## **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

#### **Vision**

"To become one of the outstanding Engineering Institute in India by providing a conducive and vibrant environment to achieve excellence in the field of Technology".

#### **Mission**

"To empower the aspiring professional students to be prudent enough to explore the world of technology and mold them to be proficient to reach the pinnacle of success in the competitive global economy".

The institute has established a mechanism for delegating authority and providing operational autonomy to all functionaries, leading towards decentralized governance system. Effective decentralization promotes best practices as it reinforces and enhances the productivity of the college. The management delegates authority to the Director, who further shares it by conducting regular meetings with the Vice Principal, Heads of department, and various committee co-ordinators to implement the policies through discussions which leads towards achieving institutes mission and vision. Governance includes the involvement of IQAC,

implementation of best practices, task allocation, and addressing grievances through designated committees.

Students, along with the members of student council, participates in various departmental association activities, clubs, and committees to contribute towards their holistic development. The college management is supportive for all staff as well as for routine administration which leads to enhance and strengthen academics, entrepreneurship development and research.

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

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

Decentralization and participative management is practiced at our institute, For achieving this empowerment is accompanied by responsibility and accountability, which is evident in the operations of various departments and sections. The IQAC Cell promotes a collaborative approach, as seen in the MoUs signed with industry partners, which are the result of efforts from internal stakeholders such as faculty members, department heads, and the Training and Placement Cell. Regular feedback from internal and external stakeholders regarding the teaching-learning process and quality initiatives demonstrates a participative management approach. The activities carried out by student bodies and student chapters further exemplify the decentralized management process.

We have organized the National Level FDP On Cloud Infrastructure-AWS in association with Brain O Vision & AICTE for faculty and also FDP at Institute level was also organized on Intellectual Property Rights Awareness Programme for students. The IT Department HoD submitted the proposal to the Director for final approval. The Director and Management not only gave instant permission for conduction of the program, but they also fully funded it, recognizing its significance for both faculty and students. This demonstrates how successful leadership is in fostering the general

**growth of stakeholders.**

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

**6.2 - Strategy Development and Deployment****6.2.1 - The institutional Strategic/ perspective plan is effectively deployed**

Yes: IQAC along with stakeholders has decided on SIX key areas of strategic growth such as Student Centric Plans, Curriculum Development, Innovations in Teaching & Learning, Research & Development, Industry-Academic connect, and Human Resource Development.

Our Management always addresses the need for employability and encourages students to organize Fests and to participate in inter-collegiate events like Hackathon, Avishkar- project competitions to explore their innovative abilities. Out of box of the university's regular curriculum, MGM CET has implemented Student Centric Plans to ensure that students are developed into more responsible members of the society. To improve experiential learning, participatory learning, and problem-solving techniques, the curriculum includes field projects, internships, fabrication-based real-time engineering problems, coding competitions, industry-based expert lectures, webinars, soft speaking skills, various soft skill training, online aptitude tests and life skill training with 30% fee assistance. The corresponding departments host guest lectures by professionals from academia and industry to broaden students' understanding beyond the curriculum. Apart from this, our Institute offers a variety of value-added programme for students. These programme are based on the latest advancements in technology and industry practices.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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 Institute policies are well-structured and designed to facilitate its operations. Our Institute's organizational structure contributes to its efficient functioning. The Governing Council serves as the primary policy-making body. According to the Organogram, MGM's Chairman and Board of Trustees gives directions and approvals for various academic and administrative activities to the Director. The Director, as the academic and administrative head, oversees the overall functioning and possesses authority over academic, administrative, financial, and growth-related matters of the Institute. The Institute has IQAC and College Development Committee (CDC) operating under the Director and Vice Principal to enhance the academic quality. These committees advise the Vice Principal and higher authorities on necessary quality initiatives. The Vice Principal directly interacts with Heads of Departments (HoDs), Examination Cell, Training & Placement Cell, Accounts and Administration, Library, and Student Council to conduct various departmental and Institute activities. Also manages research grants and consultancy proposals, ensures the smooth conduction of internal and end-semester university examinations, organizes various training and career opportunities, facilitate Memorandum of Understanding (MoUs), placement activities, interacts with industries, co-ordinates conferences, seminars, special day celebrations as well as sports and cultural activities.



File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/MGMCET_Organogram.pdf">http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/MGMCET_Organogram.pdf</a>
Upload any additional information	No File Uploaded

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

**Yes:**

**Effective measures for teaching and non-teaching staff includes:**

- Scholarship:** Fees are waived for deserving and needy wards of employees.
- Medical Benefits:** Employees receive a 50% concession on medical bills at MGM Trust hospitals in and around Navi Mumbai. Additionally, an interest-free advance against salary is provided.
- Education:** Free education is provided to the wards of employees and deceased staff.
- Provident Fund:** It is implemented as per government rules for all employees.

5. **Gratuity:** It is given to all staff according to Govt.norms.
6. **Sponsorship:** Financial assistance is provided for attending seminars and conferences.
7. **Group Insurance:** Group insurance policy is implemented to all staff.
8. **Training Programs:** Financial assistance is provided for conducting seminars, workshop etc.
9. **Other Welfare Measures:** Welfare programs are organized on occasion like Women's Day, Teacher's Day and health awareness programs such as yoga are conducted.
10. **Financial support** is provided for staff research activities.
11. **Bus facility** from Khandeshwar station is available for staff.

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

**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**

2

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)	<a href="#">View File</a>

**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**

11

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
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**

9

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
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**

Appraisal system is based on several parameters evaluated via the Appraisal process combining the API (Academic Performance Index) points and the Self Appraisal points. Separate formats are followed for the Teaching and Non teaching staff. The Performance

is self-assessed by duly filling self-appraisal form with proofs of performance by Faculty and Staff at the end of academic year. The applications are then evaluated and graded by respective Head of Department for qualitative assessment of the faculty members and is submitted to the Director for further actions.

. The faculty appraisal is provided by considering the following parameters:

1. Academic performance
2. Publications in Journals and Conferences/Books
3. Workshops/FDP/Seminars attended and conducted
4. Research Initiatives/Patents/Projects applied for funding
5. Consultancy Activities
6. Student development
7. Departmental/ Inter-department developement activity/Contribution
8. Outreach(External Resource Person)
11. Online/ Hands-on Courses certification
12. Industrial visits/Internship organized for students
13. Behaviour with coworker and students feedback

Similarly the appraisal for the non-teaching staff members is facilitated through a joint feedback arrived at by the head of the department and the employee himself. Based on the appraisal, the promotions/ increments are given to the concerned staff.

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

**Institutional Internal Audit- Yes**

**Internal Audit:** The institute conducts regularly the annual internal audit. During this audit, the internal auditing team may provide suggestions regarding finance and stock-related records, allowing the institute to address and rectify any issues before an external audit.

**External Audit:** The institution undergoes a statutory financial audit conducted by a Chartered Accountant firm as per the provisions of the Bombay Public Trust Act, 1950, regularly. The statutory auditors visit the institution regularly and rigorously checks all records and scrutinizes all accounts as per procedures and policies. The majority of transactions are made using Tally ERP 9 software and are non-cash transactions. TDS Pro Software is used for income tax purposes, including the creation of Form 16, salary-related calculations, salary slip sending, and other tasks. Employee salaries are deposited into their IDBI bank accounts.

The college's financial health is regularly monitored through cash flow analysis, ensuring prompt fulfillment of financial obligations to debtors and timely payment of staff wages.

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

**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)**

0.5

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	<a href="#">View File</a>
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

The primary sources of revenue include student fees and interest from fixed deposits. Students receive timely notifications about fee schedules through college notice boards and text messages. Surplus funds are invested in fixed deposits with varying tenures. A budget is prepared in February for the upcoming financial year, and efforts are made to adhere to it strictly. All purchases are made after obtaining multiple quotations and undergoing thorough scrutiny. Expenditures are checked and approved by the relevant authorities to maintain transparency in financial management. Resources are allocated thoughtfully to meet overall administrative needs, including staff recruitment, infrastructure upgrades and maintenance, and improvements in the teaching-learning environment and faculty development.

The predominant source of funds for the institution is from

1. Student fees (Tuition, College. etc.)
2. Bank loans
3. Funds from Society and Promoters

Proper utilization of financial resources is planned at the beginning of every financial year. The expenses of the funds are mainly due to the following

1. Salaries
2. Departmental Budget
3. Infrastructure
4. Maintenance etc.,

**5. Administrative expenses****6. Cultural & Co-curricular activities****7. Promotional activities**

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

**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

As per the perspective plan, the institute's primary focus is on providing faculty and students with the latest information and skills. In this regard, the Internal Quality Assurance Cell (IQAC) has significantly contributed to the implementation of procedures and strategies by employing two key strategies: 1. Knowledge Beyond Curriculum and 2. Skill Development Programs. These efforts aim to prepare students for successful careers, higher education, or entrepreneurship, and most importantly, to cultivate responsible citizens for society and the nation. It is essential for students to acquire knowledge beyond their curriculum and to develop the necessary skills. To facilitate this, IQAC has recommended several Massive Open Online Courses (MOOCs) available on platforms like Swayam, Coursera, and edX. Additionally, IQAC has urged various departments to introduce Soft Skills Certificate courses.

File Description	Documents
Paste link for additional information	Nil
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

The central body, IQAC, focuses on enhancing educational standards through various strategies, including:

1. **Faculty Development Program:** Encouraging faculty to participate in FDPs, workshops, conferences, and seminars to enhance their skills and knowledge for professional growth.
2. **Academic Audit:** Advocating for regular audits to ensure effective implementation of academic policies for quality assurance and maintenance.
3. **Academic Calendar:** Organizing the academic calendar based on the University Academic Calendar at the beginning of the academic year.
4. **Academic Monitoring System:** Regularly assessing students' performance to monitor academic progress.
5. **Course Feedback:** Directly accepting student feedback for each course from teachers, Proctors, and IQAC.
6. **Student Feedback:** Collecting student feedback twice during a semester to evaluate the effectiveness of the teaching and learning process.
7. **Industrial Training:** Organizing industrial training, tours, workshops, and guest lectures from industry professionals to promote industrial involvement in academic practices.
8. **Technology Integration:** Using smart boards, projectors, and Power Point presentations in some classrooms for lectures. Additionally, arranging motivational talks and guest lectures.

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)**

**C. Any 2 of the above**



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

## 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

Institute celebrates International Women's Day with social, cultural and economic accomplishments of women. Girl students are encouraged to participate in various activities to lift self-worth and confidence. Thus, many girls are representing in several activities including student council of institute.

**Safety and Security:** The Institute makes an effort towards gender sensitization. The sensitivity towards the girl students and woman faculty members at the institute is taken care by Women Harassment Redressal Committee which is composed of senior and caring faculty and staff members.

**Counselling:** The female teaching faculties are advised to counsel girl students to educate about sexual harassment either collectively or individually, as suits the situation. The teachers are further instructed to counsel in cordial and cooperative manner so that senses of belonging and loving care prevail among the student community.

**Common Room:** The college has a separate girl's common room where first aid facility is provided at hand. The college provides basic medical aid, necessary for girl students.

**Day care center:** The organization has day care center in campus for children. Women faculty and staff members of Institute are using this facility as and when needed.

File Description	Documents
Annual gender sensitization action plan	Nil
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	<a href="https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/7.1.1.pdf">https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/7.1.1.pdf</a>

**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**

In collaboration with Panvel Municipal Corporation, institute had arrangement for solid waste management. Dustbins are provided in each and every class room, lab and floor. A separate housekeeping team is appointed which takes care of solid waste. Also, separate dustbins are provided for Dry and Wet garbage. The dry and wet waste is finally handed over to Panvel Municipal Corporation. An external agency had been given the contract for cleaning and recycling of paper waste such as old journals, files, workshop waste. The activity happens on regular basis in every semester.

#### **Liquid waste management**

Sewage treatment plant is installed in the campus for liquid waste treatment, recycling of liquid waste is done through it.

**Biomedical waste management**

For the biomedical waste like sanitary napkins, the Sanitary Napkin Incinerator is there in lady's washroom.

**E-waste management**

A committee examines gazettes and other items suggested for writing off as E-waste comprising of electronic gazettes, PC's, Laptops etc. E-waste is collected and sent for recycling through a private agency.

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>

<b>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>	A. Any 4 or all 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

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of bicycles/ Battery-powered vehicles</li> <li>3. Pedestrian-friendly pathways</li> <li>4. Ban on use of plastic</li> <li>5. Landscaping</li> </ol>	A. Any 4 or All of the above

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**

**D. Any 1 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	<a href="#">View File</a>

**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**

**A. Any 4 or all 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).

Faculty members from various states are working unitedly in MGM CET. Also, students from several states are learning unanimously in campus. The institute organizes and conducting several activities to build and promote an environment for ethical and spiritual values among the students and staff.

Different sports, cultural and technical activities organized inside the institute promote harmony towards each other. Commemorative day's celebration like Women's Day promotes tolerance and harmony. The Institute celebrates Birth Anniversary of National heroes from various regions of India like Mahatma Gandhi, Chhatrapati Shivaji Maharaj and Dr. B. R. Ambedkar, etc.

The Institute organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances which adds to the beauty of our cultural events. These cultural events are consistently organized on different occasions like Independence Day, Republic Day, Social Annual Function (ManGalaM), etc.

To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated in the institute with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
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

To oblige with the Indian Constitution and respect the National Anthem and Flag, the Institute celebrates Independence Day, Republic Day every year and each event organized by the Institute ends with National Anthem.

To promote the spirit of harmony and brotherhood amongst the students, the activities like Blood Donation Camp, etc are organized in collaboration with MGM Medical Hospital.

To develop scientific temper and spirit amongst the students, Institute is organizing technical quiz competitions, paper and poster competitions and various co-curricular and extra-curricular activities during various occasions like Social Annual Function (ManGalaM), etc.

The Institute organizes International Women's Day to recognize and Celebrate women's and girls' social, economic, cultural and political achievements.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/7.1.9%20final.pdf">https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/7.1.9%20final.pdf</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**

**B. Any 3 of the above**

**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**

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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

**National/International commemorative days are being celebrated in MGM CET. Every year institute organizes the national festivals and birth / death anniversaries of the great Indian personalities.**

**Republic Day:**

**It is celebrated every year on January 26. Flag hoisting is organized on this day, followed by messages of Trustees of MGM Trust and dignitaries in which students and staff are made aware of their duties towards our nation and rights given to them by our constitution.**

**Independence Day:**

**It is celebrated every year on August 15, and is an event marked with the flag hosting followed by messages of dignitaries to students and staff. Cultural activities related to independence movement are exhibited on this occasion.**

**Gandhi Jayanti:**

**As MGM is established with the vision on the thought of Mahatma Gandhi i.e. "The man who takes for himself only enough to satisfy the needs customary in his society and spends the rest for social**

service becomes a Trustee", Gandhi Jayanti is praised in our Institute on 2nd October consistently.

Also, the birth anniversary of Dr. B. R. Ambedkar, (14th April) International Women's Day etc. are celebrated in the Institute unflinchingly.

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	<a href="#">View File</a>
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.

### 1. Medical Assistance to students and staff:

MGM CET has strategically positioned itself to cater the health needs of its staff and students, fostering a harmonious environment by providing a supportive foundation, encouraging individuals to address health-related concerns. This support facilitates access to all MGM Hospitals run across Navi -Mumbai. An integral aspect of MGM CET's approach is to implement a well-planned employee and student assistance program. This program is designed to address healthcare challenges by offering access to professional guidance, providing healthcare resources, by emphasizing routine monitoring, lifestyle modifications, medication management, and patient education, which leads to promote the overall well-being of the MGM CET family .

### 2. Alumni Contribution:

MGM CET Alumni plays an explicit role to build and grow an institution's brand. The association of Alumni with MGM CET has strengthens academics, mentoring of ongoing students, internships and the career opportunities in the Industries, which assists networking prospects for ongoing and pass out students in



their career endeavours.

(a) An alumnus, Manager for TechOps in Critical Mention Pvt. Ltd. has employed students in his organization.

(b) An Alumnus, Executive Engineer, Central Public Works Department, Chief Guest during the college fest 'Mangalam-2023' shared the career options, changes in career and transition that can be done in various fields after graduation.

(c) An Alumnus, Arjun Award 2022 winner guided and motivated students to participate and excel in sports at national and international level.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/best_practices-2022.pdf">https://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/best_practices-2022.pdf</a>
Any other relevant information	Nil

### 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

MGM CET is dedicated to equipping its students with the skills necessary to excel in high-demand occupations, thereby laying a strong foundation for their future success and contributing to the nation-building process.

**Training and Placement Cell:**The activities conducted by the cell are Soft Skills Training, 90 Hrs: Fundamentals of Programming & Advanced Programming - Optimization of Coding, Technical Training 24 hrs: Building Blocks of Industrial Automation and Additive Manufacturing using CAD, Amazon AWS Training, Comprehensive Skill Development Training, etc.

**Entrepreneurship and Incubation Center:** This center facilitates the guidance and motivation to the students for the beginning of technical startups and becoming successful entrepreneur through various activities like Career Guidance on Armed Forces, Workshop to explore various medical healthcare engineering and industry solutions and Critical Thinking of my Idea Workshop

**Internship:** MGM CET promotes students for internships to gain professional skills and structured learning in respective field with companies like BARC, Railway Carshed, Super Casting Ltd, JSW Steel Works, Diesel Locomotive Carshed, JNPT, ONGC, TIER, HAL, GALA, etc.

**Seminars and Workshops:** Institute has organized seminars on Modern Technology Trends and Future of Students, Design Aspects of Diesel, Electric and Autonomous Vehicle, Technical Training Lecture Series and Workshops on Recent Trends in Manufacturing Technology, Industrial Skills Development.

**Higher Studies:** We counsel students to get higher studies in the premier institutes in the world. Resultantly students have enrolled for further education in BirkBeck University of London UK, Manchester Metropolitan University UK, California State University USA, Ashton University UK, Queen's University UK, etc.

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

1. Strengthening Placement Initiatives.
2. Establishing research collaborations with diverse agencies.
3. The institute plans to boost the entrepreneurial ecosystem by enhancing its incubation and startup center.
4. Continuation in upgrading infrastructure of Institute.
5. Commitment for recruiting, promoting and retaining highly qualified faculty.