



YEARLY STATUS REPORT - 2020-2021

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)

<http://www.mghmmumbai.ac.in/mghmcet/node/304>

4.Whether Academic Calendar prepared during the year?

Yes

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

<http://www.mghmmumbai.ac.in/mghmcet/academics/academic-calender>

5.Accreditation Details

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

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)

• As COVID 19 Pandemic situation was there in academic year 2020-21, IQAC has taken necessary steps for ensuring safety as well as quality in teaching learning process. • Energy audit has been planned and conducted in August 2021 in order to ensure the saving in energy. More focus is given on use of electrical appliances which will contribute in saving of energy. For example, use of LED lamps, Energy efficient fans. • Online teaching learning and evaluation has been planned in well-organized manner to ensure effective delivery of theory and practical sessions in COVID-19 pandemic situation. • Installation of CCTV cameras in college premises to take necessary security measures. Laboratories has been upgraded by adding upgraded/new equipment to cope with revised syllabus. Overall infrastructure of the institute including library is renovated. • Academic audit is initiated to improve the teaching -learning process. Question paper audit has been planned to facilitate outcome-based education and improve the quality of questions in online mode examination.

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
Submission of AQAR for academic year 2019-20	Uploaded the AQAR on 30/08/2021
Participation in Times Engineering Institute Ranking Survey 2021	Listed in top 175 Engineering institute ranking under Times Survey 2021. Ranked at 58th position.
Academic Audit	Academic Audit and question paper audit is being done regularly. But due to pandemic situation Academic Audit could not be conducted in physical mode.
Online Teaching, Learning and Evaluation	In order to improve the teaching, learning and evaluation process online classes were conducted successfully and evaluation was carried out in online mode.

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	14/06/2021

14. Whether institutional data submitted to AISHE

Part A

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<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
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Name	Date of meeting(s)
Governing Council	14/06/2021

14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2020	16/02/2022

15. Multidisciplinary / interdisciplinary
As MGM CET 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.

16.Academic bank of credits (ABC):

17.Skill development:

MGM CET organizes various activities for skill developments of students and faculties. It includes the activities such as STTPs, FDPs, training sessions, industry internships and industry projects. Institute has established incubation cell, entrepreneurship and skill development cell, for offering different platforms for skill development of students and faculty for improving the employability of students and to make them professionally competent.

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

The institute celebrates anniversaries of great Indian personalities for the holistic development of the students. In remembrance of these personalities several events are organized such as essay competition, blood donation camp, tree plantations etc. Institute also organizes student cultural program "MANGALAM" in which several events are organized such as sports, different days, technical paper presentation, various cultural programs etc. In "MANGALAM", due respect is given to Indian languages.

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

MGM CET is affiliated to Mumbai university and course outcomes for all the courses is mentioned in syllabus. Faculty members refer the same course outcomes or if necessary, they modify it in order to calculate attainment levels. Program specific outcomes (PSO) are formulated by department with discussion in departmental meetings. Course outcomes are included in session plan, lab manual. Faculty members 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 and parents. In this orientation program, Director, Dean (Academics) and HODs discusses 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. The teaching- learning process and assessment methods are designed to achieve attainment of COs and POs.

20.Distance education/online education:

Extended Profile

1.Programme

1.1

14

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

File Description	Documents
Data Template	View File

2.Student

2.1

633

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

315

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

File Description	Documents
Data Template	View File

2.3

913

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	99
File Description	Documents
Data Template	No File Uploaded
3.2 Number of sanctioned posts during the year	126
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	53
4.2 Total expenditure excluding salary during the year (INR in lakhs)	710.14
4.3 Total number of computers on campus for academic purposes	774

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

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 nine UG, five 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), Syllabus setting, etc., and are actively involved and contribute to curriculum framework design. In line with academic calendar provided by university, Director and Heads 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 lectures plans, 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, Dean Academics, Academic co-ordinator and HODs monitors the progress of curriculum implementation at the end of every month

File Description	Documents
Upload relevant supporting document	View File
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', based on the University of Mumbai Academic Calendar, helps execution of semester activities.

Semester activities begin effectively with a full day "Orientation Program" for students of FE, DSE and students of SE, TE and BE of various departments where the Heads of Departments present 'Departmental Activity Calendar'. Experts from Industry and Academia address 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 students as well as parents. Academic monitoring takes place in monthly academic committee meetings under the Chairmanship of Principal by reviewing academic activities and ERP data.

Use of Google Class Room, ZOOM (paid), Webex and Moodle help paperless activities. Extensive use of ICT, NPTEL, MOOCs, and faculty prepared MOOCs help the Teaching-Learning more interacting. Internet and Wi-Fi facilities support these activities. 'Semester-end Feed Back' helps corrective actions. Advanced learners' projects are strictly monitored involving industry experts and concerned faculty. Final review of these projects is done with the help of Industry experts including Alumni towards 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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
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

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)	View File

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)

6

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)	View File

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

469

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

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 following courses:

Courses on 'Business Communication and Ethics' offered to all nine

Departments, Courses on

'Environmental Engineering' offered for Bio-Technology, Chemical Engineering and Civil Engineering Departments, Course on 'Renewable Energy Sources' for Mechanical Engineering and Electrical Engineering, Non-Conventional Sources of Energy for Bio Technology, IPR, Bioethics and Bio-safety for Bio Technology, Solid Waste Management for Civil Engineering-Waste management .

'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, organize gender awareness activities, invite successful women to interact with staff and students of college etc. Street plays are also organized towards Gender Equity. Both boys and girls participate in NSS activities (established under University of Mumbai) and visit rural areas. Girl students were also General Secretaries of Students Council on several occasions. Students actively participate in addition to the Clubs. 'Internal Complaints Committee I.e. Women's Redressal Committee 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

23

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	View File

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

302

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

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

C. Any 2 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

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

C. Feedback collected and analyzed

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

633

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

617

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

MGM CET strives to improve effectiveness in all processes related to teaching, learning and evaluation. The institution has student mentoring system which helps to identify advanced learners and slow learners. MGM CET assesses learning level of students through

two internal tests, end term theory/practical examination as per curriculum set by Mumbai university, regular assignments, viva-voce, presentation and allocated mini-project work. This really helps in identifying the slow and advanced learners and planning of organizing appropriate events or carrying out some activities to excel them in academic and co-curricular activities. All the departments organize special lectures for slow learners and advanced learners are encouraged by assigning mini project work, innovative assignments, quizzes, and participation in hackathon etc. Mentors specially pays more attention towards slow learners and help them as per their requirement. 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. Mentors pays more attention to slow learners to solve their personal and curriculum related problems. Advance learners are encouraged with more participations in competitions.

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
2623	99

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

MGM CET practices different student centric methods such as experiential learning, participative learning and problem-solving methodologies in order to improve learning experiences. These methods are employed at program level, course level & lesson level. The case studies narrating the student centric methods & innovations are of prime importance to our college. The teaching learning process is enhanced by various activities such as use of

virtual labs for practical sessions, internship, and group discussions to provide exposure to students to real life aspects. Students are encouraged to participate in various intra-college, state and national level project competitions. As academic year 2020-21 was affected by COVID-19 pandemic, online sessions were organized 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 has also encouraged 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 program in order to improve their skill in real life problem solving and experiential learning. All these activities help the students to enhance their learning experiences.

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 effective teaching learning process is important in order to enable learners to grasp the knowledge. MGM CET uses ICT tools in education to support and enhance the learning experiences of the students. The academic year 2020-21 was totally affected by Covid-19 pandemic. It became compulsory for faculty members to learn, adopt and practice the ICT enabled tools for effective delivery of knowledge. Use of laptops, tablet pens, video lectures, power point presentation, zoom, google meet, google classroom etc became the common practice for teaching learning process through online mode. Seminar halls are equipped with all digital facilities and classrooms are equipped with projectors with internet connectivity. Teachers effectively uses these tools for delivery of lectures, project presentation, mentor mentee meeting etc. Students are encouraged to register for mooc courses such as NPTEL, Coursera, SAP, Udemy, Edx etc. Students are also encouraged to use e-resources in order enhance their learning experience. Subject related study material is shared through google classroom and it is also used to submit the lab experiments. Faculty members uses virtual labs to conduct

laboratory sessions through simulations. In order to increase industry connects, several webinars, seminars and expert talks are conducted through online mode.

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

97

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

99

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
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

26

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)	View File

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**

918

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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 believes on transparent and robust internal assessment. As per guidelines of Mumbai university, in each semester two internal tests of 20 marks each are conducted. The syllabus for internal test is discussed with students in well advance. These internal tests are conducted as per schedule mentioned in academic calendar. Rubrics for evaluation of internal examination as well as laboratory work are well defined, transparent and strictly followed. The results of the first internal test are declared within a week. Every subject teacher discusses the solution of question papers with students so that they can be encouraged for study and improvement in second internal test. Continuous evaluation of laboratory work, assignments is carried out and students doubt about evaluation and solution is cleared by

respective subject teacher. Answer books are shown to the students so that they are satisfied with the evaluation and also know silly mistakes made by them to avoid such in mistakes in university examination. Each department has exam coordinator and they guide the students for their examination related queries. Individual subject teacher carries out the analysis of internal class test examination for each course. The overall analysis for all the courses is compiled by department exam coordinator. The format of question paper is discussed with students in well advance to avoid confusion.

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

Every faculty member shows answer books of CIE Internal Tests to the students. The grievances related to network issues, uploading of answer books are resolved by examination section within given time bound. Students discuss their doubts related to their answers and evaluation done for the same. For any grievances, students fill up the grievance form and submit to the faculty member along with the answer book. The report of re-assessment is verified by grievance committee members and exam cell in-charge and they endorse correction and sign and the results are displayed. For End Sem examination, second year and third year students apply online for photocopy with requisite fees and submits printed form to the examination cell. Student receives photocopy within 07 days from application date. For any discrepancies in answer book, then students 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 endeavour to supply photocopy of answer books within twenty-five working days from date of receipt of application to the university. This is how the mechanism is transparent, time bound and efficient.

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.

MGM CET is affiliated to Mumbai university and course outcomes for all the courses is mentioned in syllabus. Faculty members refers the same course outcomes or if necessary, they modify it in order to calculate attainment levels. Program specific outcomes (PSO) are formulated by department with discussion in departmental meetings. Course outcomes are 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. HOD's cabin, classrooms, laboratories, and corridor. College conducts orientation program for newly admitted first year students direct second year students and parents. In this orientation program, Director, Dean (Academics) and HODs discusses 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. The teaching- learning process and assessment methods are designed to achieve attainment of COs and POs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO%20statements%20of%20Chemical%20Engineering.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

For attainment level calculation, course outcomes (COs) from university syllabus are considered or faculty members can change some of COs if needed. Action verbs from Bloom's Taxonomy is used to frame the COs. An attainment for each CO is calculated by mapping each CO to POs and with PSOs. A correlation is established between COs and POs in the scale of 1 to 3, 1 being the low, 2 being moderate and 3 being high. For calculation of attainment a mapping matrix is prepared for every course in the program. The PSOs are in tune 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	View File
Paste link for Additional information	http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO_PO_PSO_Summary_Chemical%20Engg.%202.6.2.pdf

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

913

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
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)

<http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/NAAC%20SSS%20AY2020-21%202.7.1.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)

Nil

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

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

3.1.2.1 - Number of teachers recognized as research guides

3

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

Nil

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

3.2 - Innovation Ecosystem

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

NIL

File Description	Documents
Upload any additional information	No File Uploaded
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

Nil

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	No File Uploaded

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

0

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)	No File Uploaded
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

44

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

4

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

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

NIL

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

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

Nil

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

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

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

Nil

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

Nil

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

45

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

1

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

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 33 classrooms for UG, 10 classrooms for PG and 9 tutorial rooms for UG. 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	View File
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 cultural 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	View File
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.

53

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)**

0

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

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) 49927

Total number of titles 17728

Total number of print journals 76

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, i-Scholar Engineering and Technology Collection, IET Journals, McGraw Hill Access Engineering, ASTM Digital Library, 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	View File
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)	View File

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)

14.20

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

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

0

File Description	Documents
Any additional information	View File
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	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

863

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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	View File

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)

295

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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	View File
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

1975

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

1

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

E. none of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	No File Uploaded

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

0

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

E. None of the above

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

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	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

103

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

16

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

16

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.

0

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

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

Nil

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

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

0

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)	No File Uploaded

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. To facilitate alumni activities, fully furnished office space having internet and telephonic facility, is also provided in the institute premises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year E. <1Lakhs
(INR in Lakhs)

File Description	Documents
Upload any additional information	View File

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 mould them to be proficient to reach the pinnacle of success in the competitive global economy".

Institute has a mechanism for delegating the authority and providing operational autonomy to all the functionaries leading towards a decentralized governance system. Effective decentralization provides a better practice for success and reinforces the productivity of the college. Through participative management various teams and team leaders are formed based on the aptitude of different students for activities such as technical, placement, sports, curricular, co-curricular, and extracurricular activities which are carried out during the academic year. Placement Cell provides employment opportunities & training to students for their career objectives and prepares them for job opportunities. These committees deliberate a new initiative and come up with schemes for students to be prudent enough.

The governing body has been formed to decide policies & take major decisions. Director conducts periodic meetings with HOD's and evolves policies through deliberations for accomplishment of the mission and vision.

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.

Empowerment of responsible positions leads to decentralization of the Institute functioning which is practiced at our institute. With empowerment comes responsibility and accountability, which is seen in the functioning of various departments and sections of the Institute. The IQAC Cell i.e. the ILQMC promotes a collaborative approach which is reflected from the fact that the various MoUs signed with the Industry partners are the results of the efforts put-in by various internal stake-holders like faculty members, heads and the Training and Placement Cell of the Institute. Regular feedbacks from both internal and external stakeholders concerning the teaching-learning process and quality initiatives are the examples of participative management approach. The activities undertaken and implemented by the various student bodies and Student-Chapters are the evidences of decentralized management process.

All policy changes and academic activities are planned through a

process of dialogue with stakeholders at various levels. Director, Principal, and HOD's takes care of the planning, conduction, assessment, and corrective measures for smooth and effective implementation of academic matters. Each department has got one academic coordinator to execute the departmental activity in coordination with HOD's. Each class is having a faculty in charge to monitor the academic activities and other issues of the students.

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

The college has been using ICT for teaching learning purposes since 2001. Along with extensive use of computers for classroom teaching, the college had provided laptops for smart enabled classrooms, making ICT an integral part of the teaching learning process. In 2020, the college has upgraded itself to e-learning through ZOOM, Google Meet ,an online learning platform. It has enabled 'lecture-capture facility' in the classrooms and subsequent access to the recorded lectures by the students that allowed better learning outcomes in tandem with the rapid and radical change of curriculum.

The college has been quick to adapt to online teaching during the pandemic and subsequent lockdown. Online training programs for both teachers and students were organized with ZOOM representatives and trainers to familiarize them with the virtual platform for live classroom teaching. Several options available in ZOOM and Google Meet are:

1. Whiteboard that can be used both by students and teachers
2. Easy scheduling of classes by teachers and prompt notification to students.
3. Easy uploading of study material in "students' backpack" for smooth access of the same by students.
4. Screen sharing facility for quick sharing of PPTs, audio/video

clip/Word/PDF, etcetera

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 organizational structure of the College facilitates its smooth functioning. The Governing Council is the policy making body. The overall supervision of the College comes under its purview. After discussion, it decides the academic policy keeping in view the national policies in higher education, existing priorities and local needs. Regular feedback obtained from the alumni, students, parents and faculty along with suggestions of NAAC peer team form the major inputs for the planning. These inputs are discussed and analyzed by the Governing Council, the Principal, IQAC coordinator. The planning and infrastructural development is decided by the Head of the institution in consultation with the Governing Council. The plans proposed are discussed by the respective Cells and committees, fine-tuned as per needs and then finalized. Financial implications and possible hurdles are thoroughly looked into and taken care of before finalizing any plan. The Director, Heads of Departments, committee / cell in-charges and office staff, monitor and work together for the effective implementation of these policies.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
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

A. All of the above

Support Examination

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Following are the effective measures for teaching and non-teaching staff

1. **Free ship:** This is given in the form of fees to the deserving and needy wards of employees.
2. **Medical Expenses:** 50% concession on the entire medical bill amount is given for all the employees in the hospitals run by MGM Trust in and around Navi Mumbai Apart from this, interest- free advance on medical bill amount of the hospital is paid against salary.
3. **Education:** Free education is provided to the wards of Regular Employees and deceased staff.
4. **Employment:** It is given to the first relatives of deceased staff.
5. **Advance against salary:** Interest free advance against salary will be sanctioned during their personal crises to all employees.
6. **Provident Fund** Is implemented as per rules of Govt. and given to all the eligible staff
7. **Gratuity:** Gratuity is provided to the staff as per the norms
8. **Leave Encashment:** Leave encashment paid at the time of retirement.

9.Sponsorship: Sponsorship for attending the seminar, conferences, project competitions, sports activities is given to all employees

10.Group insurance: Provision of group insurance for the safety of teaching staff is also available

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

3

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)	View File

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

3

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)	View File

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

66

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)	View File

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

The institute has well designed performance appraisal system. There is a 360 degree performance appraisal system implemented in the institute. Self-Appraisal Forms are filled-in by the teaching staff which is corroborated from their respective Heads. 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
3. Publications in Conferences
4. Seminars
5. Workshops
6. Faculty Development Programs
7. Research Initiatives - Projects applied for funding
8. Consultancy Activities
9. Student development
10. Department Activity
11. Inter-department Activity
12. Outreach(External Resource Person)
13. Online/ Hands-on Courses certification
14. Industrial visits organized for students
15. Internship arranged

Regular Feedbacks from the students are also taken into account for the overall grading which is accorded to the faculty members. 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.

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

The institute's accountants are audited regularly- while the "internal" auditing is on annual basis. During the internal audit, the internal accounting team may give few suggestions related to some of the finance and stock-related records, allowing the institute to address and rectify the same before an external audit.

External Audit- Yes

The institution gets a statutory financial audit conducted by a Chartered Accountant firm as per provisions of the Bombay Public Trust Act, 1950 regularly. The statutory auditors visit the institution on regular basis and checks all the records of the Institution rigorously and scrutinize procedures and policies followed by the institution. If there are any deficiencies or lacunae pointed out by the auditors or if they require any additional information or explanation, concerned authorities of the institution discuss the requirement with the auditors and comply with it, and Compliances are submitted.

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

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

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

The main sources of receipts are fees collected from students and interest on fixed deposit. Students are well informed in advanced about the time schedule through notifications on college notice boards, website and text messages. After collection of funds, the surplus is invested in fixed deposits of varied tenures. A budget is prepared in the month of February for the following financial year and efforts are made to strictly adhere to it. All purchases are made after inviting requisite number of quotations and after proper scrutiny. All the expenditures are checked and approved by respective authorities. Transparency is maintained in financial resource management. The resources are carefully allocated to meet overall administrative requirements including recruitment of staff, infrastructural upgradation and maintenance, enhancement of teaching learning environment, faculty development etc.

The predominant source of funds for the institution are from

1. Students 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

At the beginning of every academic year IQAC frames an action plan and ensures its proper implementation for overall development of the students. Quality assurance strategies and best practices to be implemented are discussed in the IQAC meetings and decisions taken thereafter are communicated to the staff by the Head of Institution.

Two institutionalized practices are Students' Orientation Programed and training programs to the faculty.

At the beginning of every academic session, Students' Orientation Programme is held for fresher's. Students are given information about examination system, allotment of internal marks, Program outcomes, strategies of various Cells, library, NCC, NSS, sports etc. This is followed by a visit to different departments. The program has been held online from 2020-21 due to COVID-19 pandemic situation.

For inculcating training programs to the faculties institution pays lot of attention to improve the quality of its staff. through IQAC. Some of the notable activities organized by IQAC for the development of the institution are English communication skills, yoga, arranging workshops on professional behavior, aptitude training, imparting training for virtual labs and induction training on outcome based education is amongst many more.

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 regular meetings of the IQAC internally as well as with the Director and different committees are conducted to ensure stocktaking and earmarking of the scopes of improvement in all possible spheres of campus life. Regular feedback obtained from different stakeholders helps in proper identification of the target area. The major tasks set up by the IQAC in the last year was to take care of the mental health issues of students during the pandemic times, others included development of awareness among the various stake holders on gender issues, IPR and ethics.

Apart from these, Quality Assurance in Research, Innovation, Incubation, Industry Interaction, Development, Entrepreneurship, Education and Social Responsibility are also take care

IQAC, through discussions and recommendations, identifies need of improvement towards teachinglearning and prepares a plan of action for upcoming session. Specific formats are prepared by IQAC are used to collect information from individuals, HoDs, Cells, office, Library. Based on these reports, incremental improvement in quality is identified, and lacunae, if any, are addressed by IQAC, through the College administration and Management system.

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)

C. Any 2 of the above

Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

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)	View File

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

Every Year Institute celebrates International Women's Day with social, cultural and economic achievements of women. Girl students are encouraged to participate in co-curricular and extra-curricular activities to boost self-esteem and confidence. Consequently, many girls are representing in several activities including student council of institute.

Safety and Security: The Institute believes in gender equality and makes an effort towards gender sensitization, since qualified girls are an asset not only for the college and family but also for an entire society. 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	Ladies Security, CCTV ,Common Rooms,Day Care Centre at MGM Campus,

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	View File
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	View File

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 **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered

vehicles

3. Pedestrian-friendly pathways

4. Ban on use of plastic

5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
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	View File

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

C. Any 2 of the above

of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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, Yoga Day also promotes tolerance and harmony. The Institute celebrates Birth and Death Anniversary of National heroes from various regions of India like Mahatma Gandhi, Sir M. Visvesvaraya, Dr. Sarvepalli Radhakrishnan, 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)	No File Uploaded
Any other relevant information	No File Uploaded

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 cherish and follow the noble ideas that inspired the national struggle for freedom the program like "Yad Karo Qurbani" is organized in the Institute.

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 protect and improve the natural environment, Institute organizes and participates in various activities such as Tree Plantation program, etc.

To develop scientific temper and spirit of inquiry in 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. Every Year, International Yoga Day is organized by Institute to raise awareness of the many benefits of practicing yoga in students and staff.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

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

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

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

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) Dr. Sarvapalli Radhakrishnan (Teachers Day: 5th Sep.), Sir M. Visvesvaraya (Engineers Day 15th Sep.), International Yoga Day, 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	No File Uploaded
Any other relevant information	View File

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. **Academic Audit and Inspection:** Academic excellence can be achieved by focusing keenly on academic performance of students. Hence, academic audit, a peer review process involving self-study and then an audit visit by an expert from outside is adapted by the institution. The purpose of an academic audit is to encourage Institute to evaluate the quality of 'Teaching-Learning processes'.

After the successful completion of theory and laboratory session, faculty members prepare record of their courses. An academic expert from National Institutes, such as IIT, NIT or other Institutes and industry experts are 1. Noting areas for improvement, 2. Evaluating department's approach to educational quality practices, 3. Highlighting examples of exemplary practice(s). Due to pandemic internal academic audit has been conducted in A. Y. 2020-21.

2. Togetherness in 'Financial Support : The Institute runs a unique practice wherein, all employees are encouraged to support the needed ones financially and our Honourable Chairman Sir contributes, an amount equal to the amount collected by all employees of the Institute. This is an indirect way to inculcate the value of 'Togetherness' among all the members of the Institute. Similarly, students are encouraged to take new opportunities with the assurance that, the institute will support them partly in finances. The Institute pays good portion of the fees, for value added finishing co-curricular courses

File Description	Documents
Best practices in the Institutional website	Nil
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

Industry Ready Activities

To bridge the gap between Industry and Academia, Institute has devised the activities which make the students Industry-ready.

First Year - Exposure: The students are groomed right from the first year. They also get an opportunity to interact with Industry Resource Persons who also address regarding Industry requirements. Workshops on Industry relevant topics are organized.

Orientation Program: Orientation programs are organized for FE class as well as higher classes by all the Departments.

Resource Persons from Industry, National Institutes and Foreign

Universities: MGM CET takes lead in inviting industry professionals for interaction with the students. MGM CET emphasizes on preparing the students "Industry-Ready" through organized efforts of inviting eminent academicians from IITs and other well-known National Institutes and Foreign Universities as well as Research Organizations.

Project Based Learning: Through PBL, our students worked on several projects relevant to the industry. This learning methodology inculcates the skills to work on Projects and also yields innovative solutions for real life problems.

National Conferences: Institute has been consciously organizing National Conferences on relevant and important themes.

Webinars: Institute is organizing various webinars for updating the knowledge of students and faculty and also to make them understand how to apply this knowledge and skills in industry.

Faculty Development Programme (FDP): To make students industry ready the faculty are acquainted with modern teaching tools and methodologies through various FDPs.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

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 nine UG, five 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), Syllabus setting, etc., and are actively involved and contribute to curriculum framework design. In line with academic calendar provided by university, Director and Heads 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 lectures plans, 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, Dean Academics, Academic co-ordinator and HODs monitors the progress of curriculum implementation at the end of every month

File Description	Documents
Upload relevant supporting document	View File
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", based on the University of Mumbai Academic Calendar, helps execution of semester activities.

Semester activities begin effectively with a full day "Orientation Program" for students of FE, DSE and students of SE, TE and BE of various departments where the Heads of Departments present 'Departmental Activity Calendar'. Experts from Industry and Academia address 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 students as well as parents. Academic monitoring takes place in monthly academic committee meetings under the Chairmanship of Principal by reviewing academic activities and ERP data.

Use of Google Class Room, ZOOM (paid), Webex and Moodle help paperless activities. Extensive use of ICT, NPTEL, MOOCs, and faculty prepared MOOCs help the Teaching-Learning more interacting. Internet and Wi-Fi facilities support these activities. 'Semester-end Feed Back' helps corrective actions. Advanced learners' projects are strictly monitored involving industry experts and concerned faculty. Final review of these projects is done with the help of Industry experts including Alumni towards 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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
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

9

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)	View File

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)

6

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)	View File

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

469

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

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 following courses:

Courses on 'Business Communication and Ethics' offered to all nine Departments, Courses on

'Environmental Engineering' offered for Bio-Technology, Chemical Engineering and Civil Engineering Departments, Course on 'Renewable Energy Sources' for Mechanical Engineering and Electrical Engineering, Non-Conventional Sources of Energy for Bio Technology, IPR, Bioethics and Bio-safety for Bio Technology, Solid Waste Management for Civil Engineering-Waste management .

'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, organize gender awareness activities, invite successful women to interact with staff and students of college etc. Street plays are also organized towards Gender Equity. Both boys and girls participate in NSS activities (established under University of Mumbai) and visit rural areas. Girl students were also General Secretaries of Students Council on several occasions. Students actively participate in addition to the Clubs. 'Internal Complaints Committee I.e. Women's Redressal Committee 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

23

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	View File

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

302

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the

C. Any 2 of the above

institution from the following stakeholders	
Students Teachers Employers Alumni	
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
1.4.2 - Feedback process of the Institution may be classified as follows	C. Feedback collected and analyzed
File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
633	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	
617	

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

MGM CET strives to improve effectiveness in all processes related to teaching, learning and evaluation. The institution has student mentoring system which helps to identify advanced learners and slow learners. MGM CET assesses learning level of students through two internal tests, end term theory/practical examination as per curriculum set by Mumbai university, regular assignments, viva-voce, presentation and allocated mini-project work. This really helps in identifying the slow and advanced learners and planning of organizing appropriate events or carrying out some activities to excel them in academic and co-curricular activities. All the departments organize special lectures for slow learners and advanced learners are encouraged by assigning mini project work, innovative assignments, quizzes, and participation in hackathon etc. Mentors specially pays more attention towards slow learners and help them as per their requirement. 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. Mentors pays more attention to slow learners to solve their personal and curriculum related problems. Advance learners are encouraged with more participations in competitions.

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
2623	99

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

MGM CET practices different student centric methods such as experiential learning, participative learning and problem-solving methodologies in order to improve learning experiences. These methods are employed at program level, course level & lesson level. The case studies narrating the student centric methods & innovations are of prime importance to our college. The teaching learning process is enhanced by various activities such as use of virtual labs for practical sessions, internship, and group discussions to provide exposure to students to real life aspects. Students are encouraged to participate in various intra-college, state and national level project competitions. As academic year 2020-21 was affected by COVID-19 pandemic, online sessions were organized 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 has also encouraged 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 program in order to improve their skill in real life problem solving and experiential learning. All these activities help the students to enhance their learning experiences.

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 effective teaching learning process is important in order to enable learners to grasp the knowledge. MGM CET uses ICT tools in education to support and enhance the learning experiences of the students. The academic year 2020-21 was

totally affected by Covid-19 pandemic. It became compulsory for faculty members to learn, adopt and practice the ICT enabled tools for effective delivery of knowledge. Use of laptops, tablet pens, video lectures, power point presentation, zoom, google meet, google classroom etc became the common practice for teaching learning process through online mode. Seminar halls are equipped with all digital facilities and classrooms are equipped with projectors with internet connectivity. Teachers effectively uses these tools for delivery of lectures, project presentation, mentor mentee meeting etc. Students are encouraged to register for mooc courses such as NPTEL, Coursera, SAP, Udemy, Edx etc. Students are also encouraged to use e-resources in order enhance their learning experience. Subject related study material is shared through google classroom and it is also used to submit the lab experiments. Faculty members uses virtual labs to conduct laboratory sessions through simulations. In order to increase industry connects, several webinars, seminars and expert talks are conducted through online mode.

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

97

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

99

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
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**

26

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)	View File

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**

918

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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 believes on transparent and robust internal assessment. As per guidelines of Mumbai university, in each semester two internal tests of 20 marks each are conducted. The syllabus for internal test is discussed with students in well advance. These internal tests are conducted as per schedule mentioned in academic calendar. Rubrics for evaluation of internal examination as well as laboratory work are well defined, transparent and strictly followed. The results of the first internal test are declared within a week. Every subject teacher discusses the solution of question papers with students so that they can be encouraged for study and improvement in second internal test. Continuous evaluation of laboratory work, assignments is carried out and students doubt about evaluation and solution is cleared by respective subject teacher. Answer books are shown to the students so that they are satisfied with the evaluation and also know silly mistakes made by them to avoid such in mistakes in university examination. Each department has exam coordinator and they guide the students for their examination related queries. Individual subject teacher carries out the analysis of internal class test examination for each course. The overall analysis for all the courses is compiled by department exam coordinator. The format of question paper is discussed with students in well advance to avoid confusion.

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

Every faculty member shows answer books of CIE Internal Tests to the students. The grievances related to network issues, uploading of answer books are resolved by examination section within given time bound. Students discuss their doubts related to their answers and evaluation done for the same. For any grievances, students fill up the grievance form and submit to the faculty member along with the answer book. The report of re-assessment is verified by grievance committee members and exam cell in-charge and they endorse correction and sign and the

results are displayed. For End Sem examination, second year and third year students apply online for photocopy with requisite fees and submits printed form to the examination cell. Student receives photocopy within 07 days from application date. For any discrepancies in answer book, then students 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 endeavour to supply photocopy of answer books within twenty-five working days from date of receipt of application to the university. This is how the mechanism is transparent, time bound and efficient.

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.

MGM CET is affiliated to Mumbai university and course outcomes for all the courses is mentioned in syllabus. Faculty members refers the same course outcomes or if necessary, they modify it in order to calculate attainment levels. Program specific outcomes (PSO) are formulated by department with discussion in departmental meetings. Course outcomes are 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. HOD's cabin, classrooms, laboratories, and corridor. College conducts orientation program for newly admitted first year students direct second year students and parents. In this orientation program, Director, Dean (Academics) and HODs discusses 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. The teaching-learning process and assessment methods are designed to achieve

attainment of COs and POs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO%20statements%20Chemical%20Engineering.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

For attainment level calculation, course outcomes (COs) from university syllabus are considered or faculty members can change some of COs if needed. Action verbs from Bloom's Taxonomy is used to frame the COs. An attainment for each CO is calculated by mapping each CO to POs and with PSOs. A correlation is established between COs and POs in the scale of 1 to 3, 1 being the low, 2 being moderate and 3 being high. For calculation of attainment a mapping matrix is prepared for every course in the program. The PSOs are in tune 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	View File
Paste link for Additional information	http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/CO_PO_PSO_Summary_Chemical%20Engg.%202.6.2.pdf

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****913**

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
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)**

<http://www.mgmmumbai.ac.in/mgmcet/sites/default/files/inline-files/NAAC%20SSS%20AY2020-21%202.7.1.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)****Nil**

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)	
3.1.2.1 - Number of teachers recognized as research guides	
3	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
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	
Nil	
File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil
3.2 - Innovation Ecosystem	
3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge	
NIL	
File Description	Documents
Upload any additional information	No File Uploaded
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**

Nil

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	No File Uploaded

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**

0

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)	No File Uploaded
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**

44

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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**

4

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

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

NIL

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

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**

Nil

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

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

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

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****Nil**

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****45**

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

1

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

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 33 classrooms for UG, 10 classrooms for PG and 9 tutorial rooms for UG. 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	View File
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 cultural 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	View File
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.

53

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

0

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

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) 49927

Total number of titles 17728

Total number of print journals 76

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, i-Scholar Engineering and Technology Collection, IET Journals, McGraw Hill Access Engineering, ASTM Digital Library, 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	View File
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)	View File

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)

14.20

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

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

0

File Description	Documents
Any additional information	View File
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	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

863

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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	View File

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)

295

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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	View File
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

1975

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

1

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

<p>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</p>	<p>E. none of the above</p>
--	------------------------------------

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	No File Uploaded

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

0

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

0

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)	No File Uploaded

<p>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</p>	<p>E. None of the above</p>
--	------------------------------------

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	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

103

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

16

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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**

16

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

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.**

0

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

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

Nil

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

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

0

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)	No File Uploaded

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. To facilitate alumni activities, fully furnished office space having internet and telephonic facility, is also provided in the institute premises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) **E. <1Lakhs**

File Description	Documents
Upload any additional information	View File

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 mould them to be proficient to reach the pinnacle of success in the competitive global economy".

Institute has a mechanism for delegating the authority and providing operational autonomy to all the functionaries leading towards a decentralized governance system. Effective decentralization provides a better practice for success and reinforces the productivity of the college. Through participative management various teams and team leaders are formed based on the aptitude of different students for activities such as technical, placement, sports, curricular, co-curricular, and extracurricular activities which are carried out during the academic year. Placement Cell provides employment opportunities & training to students for their career objectives and prepares them for job opportunities.

These committees deliberate a new initiate and come up with schemes for students to be prudent enough.

The governing body has been formed to decide policies & take major decisions. Director conducts periodic meetings with HOD's and evolves policies through deliberations for accomplishment of the mission and vision.

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.

Empowerment of responsible positions leads to decentralization of the Institute functioning which is practiced at our institute. With empowerment comes responsibility and accountability, which is seen in the functioning of various departments and sections of the Institute. The IQAC Cell i.e. the ILQMC promotes a collaborative approach which is reflected from the fact that the various MoUs signed with the Industry partners are the results of the efforts put-in by various internal stake-holders like faculty members, heads and the Training and Placement Cell of the Institute. Regular feedbacks from both internal and external stakeholders concerning the teaching-learning process and quality initiatives are the examples of participative management approach. The activities undertaken and implemented by the various student bodies and Student-Chapters are the evidences of decentralized management process.

All policy changes and academic activities are planned through a process of dialogue with stakeholders at various levels. Director, Principal, and HOD's takes care of the planning, conduction, assessment, and corrective measures for smooth and effective implementation of academic matters. Each department has got one academic coordinator to execute the departmental activity in coordination with HOD's. Each class is having a faculty in charge to monitor the academic activities and other issues of the students.

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

The college has been using ICT for teaching learning purposes since 2001. Along with extensive use of computers for classroom teaching, the college had provided laptops for smart enabled classrooms, making ICT an integral part of the teaching learning process. In 2020, the college has upgraded itself to e-learning through ZOOM, Google Meet ,an online learning platform. It has enabled 'lecture-capture facility' in the classrooms and subsequent access to the recorded lectures by the students that allowed better learning outcomes in tandem with the rapid and radical change of curriculum.

The college has been quick to adapt to online teaching during the pandemic and subsequent lockdown. Online training programs for both teachers and students were organized with ZOOM representatives and trainers to familiarize them with the virtual platform for live classroom teaching. Several options available in ZOOM and Google Meet are:

1. Whiteboard that can be used both by students and teachers
2. Easy scheduling of classes by teachers and prompt notification to students.
3. Easy uploading of study material in "students' backpack" for smooth access of the same by students.
4. Screen sharing facility for quick sharing of PPTs, audio/video clip/Word/PDF, etcetera

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 organizational structure of the College facilitates its smooth functioning. The Governing Council is the policy making body. The overall supervision of the College comes under its purview. After discussion, it decides the academic policy keeping in view the national policies in higher education, existing priorities and local needs. Regular feedback obtained from the alumni, students, parents and faculty along with suggestions of NAAC peer team form the major inputs for the planning. These inputs are discussed and analyzed by the Governing Council, the Principal, IQAC coordinator. The planning and infrastructural development is decided by the Head of the institution in consultation with the Governing Council. The plans proposed are discussed by the respective Cells and committees, fine-tuned as per needs and then finalized. Financial implications and possible hurdles are thoroughly looked into and taken care of before finalizing any plan. The Director, Heads of Departments, committee / cell in-charges and office staff, monitor and work together for the effective implementation of these policies.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
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	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Following are the effective measures for teaching and non-teaching staff

1. Free ship: This is given in the form of fees to the deserving and needy wards of employees.
2. Medical Expenses: 50% concession on the entire medical bill amount is given for all the employees in the hospitals run by MGM Trust in and around Navi Mumbai Apart from this, interest-free advance on medical bill amount of the hospital is paid against salary.
3. Education: Free education is provided to the wards of Regular Employees and deceased staff.
4. Employment: It is given to the first relatives of deceased staff.
5. Advance against salary: Interest free advance against salary will be sanctioned during their personal crises to all employees.
6. Provident Fund Is implemented as per rules of Govt. and given to all the eligible staff
7. Gratuity: Gratuity is provided to the staff as per the norms
8. Leave Encashment: Leave encashment paid at the time of retirement.

9.Sponsorship: Sponsorship for attending the seminar, conferences, project competitions, sports activities is given to all employees

10.Group insurance: Provision of group insurance for the safety of teaching staff is also available

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

3

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)	View File

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

3

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)	View File

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

66

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)	View File

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

The institute has well designed performance appraisal system. There is a 360 degree performance appraisal system implemented in the institute. Self-Appraisal Forms are filled-in by the

teaching staff which is corroborated from their respective Heads. 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
3. Publications in Conferences
4. Seminars
5. Workshops
6. Faculty Development Programs
7. Research Initiatives - Projects applied for funding
8. Consultancy Activities
9. Student development
10. Department Activity
11. Inter-department Activity
12. Outreach(External Resource Person)
13. Online/ Hands-on Courses certification
14. Industrial visits organized for students
15. Internship arranged

Regular Feedbacks from the students are also taken into account for the overall grading which is accorded to the faculty members. 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.

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

The institute's accountants are audited regularly- while the "internal" auditing is on annual basis. During the internal audit, the internal accounting team may give few suggestions related to some of the finance and stock-related records, allowing the institute to address and rectify the same before an external audit.

External Audit- Yes

The institution gets a statutory financial audit conducted by a Chartered Accountant firm as per provisions of the Bombay Public Trust Act, 1950 regularly. The statutory auditors visit the institution on regular basis and checks all the records of the Institution rigorously and scrutinize procedures and policies followed by the institution. If there are any deficiencies or lacunae pointed out by the auditors or if they require any additional information or explanation, concerned authorities of the institution discuss the requirement with the auditors and comply with it, and Compliances are submitted.

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

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

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

The main sources of receipts are fees collected from students and interest on fixed deposit. Students are well informed in advanced about the time schedule through notifications on college notice boards, website and text messages. After collection of funds, the surplus is invested in fixed deposits of varied tenures. A budget is prepared in the month of February for the following financial year and efforts are made to strictly adhere to it. All purchases are made after inviting requisite number of quotations and after proper scrutiny. All the expenditures are checked and approved by respective authorities. Transparency is maintained in financial resource management. The resources are carefully allocated to meet overall administrative requirements including recruitment of staff, infrastructural upgradation and maintenance, enhancement of teaching learning environment, faculty development etc.

The predominant source of funds for the institution are from

1. Students 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

At the beginning of every academic year IQAC frames an action plan and ensures its proper implementation for overall development of the students. Quality assurance strategies and best practices to be implemented are discussed in the IQAC meetings and decisions taken thereafter are communicated to the staff by the Head of Institution.

Two institutionalized practices are Students' Orientation Programed and training programs to the faculty.

At the beginning of every academic session, Students' Orientation Programme is held for fresher's. Students are given information about examination system, allotment of internal marks, Program outcomes, strategies of various Cells, library, NCC, NSS, sports etc. This is followed by a visit to different departments. The program has been held online from 2020-21 due to COVID-19 pandemic situation.

For inculcating training programs to the faculties institution pays lot of attention to improve the quality of its staff. through IQAC. Some of the notable activities organized by IQAC for the development of the institution are English communication skills, yoga, arranging workshops on professional

behavior, aptitude training, imparting training for virtual labs and induction training on outcome based education is amongst many more.

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 regular meetings of the IQAC internally as well as with the Director and different committees are conducted to ensure stocktaking and earmarking of the scopes of improvement in all possible spheres of campus life. Regular feedback obtained from different stakeholders helps in proper identification of the target area. The major tasks set up by the IQAC in the last year was to take care of the mental health issues of students during the pandemic times, others included development of awareness among the various stake holders on gender issues, IPR and ethics.

Apart from these, Quality Assurance in Research, Innovation, Incubation, Industry Interaction, Development, Entrepreneurship, Education and Social Responsibility are also take care

IQAC, through discussions and recommendations, identifies need of improvement towards teachinglearning and prepares a plan of action for upcoming session. Specific formats are prepared by IQAC are used to collect information from individuals, HoDs, Cells, office, Library. Based on these reports, incremental improvement in quality is identified, and lacunae, if any, are addressed by IQAC, through the College administration and Management system.

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

<p>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)</p>	<p>C. Any 2 of the above</p>
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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)	View File

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

Every Year Institute celebrates International Women’s Day with social, cultural and economic achievements of women. Girl students are encouraged to participate in co-curricular and extra-curricular activities to boost self-esteem and confidence. Consequently, many girls are representing in several activities including student council of institute.

Safety and Security: The Institute believes in gender equality and makes an effort towards gender sensitization, since qualified girls are an asset not only for the college and family but also for an entire society. 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	Ladies Security, CCTV ,Common Rooms,Day Care Centre at MGM Campus.

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	View File
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	View File

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	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
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	View File

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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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 unanimately 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, Yoga Day also promotes tolerance and harmony. The Institute celebrates Birth and Death Anniversary of National heroes from various regions of India like Mahatma Gandhi, Sir M. Visvesvaraya, Dr. Sarvepalli Radhakrishnan, 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)	No File Uploaded
Any other relevant information	No File Uploaded

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 cherish and follow the noble ideas that inspired the national struggle for freedom the program like "Yad Karo Qurbani" is organized in the Institute.

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 protect and improve the natural environment, Institute organizes and participates in various activities such as Tree Plantation program, etc.

To develop scientific temper and spirit of inquiry in 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. Every Year, International Yoga Day is organized by Institute to raise awareness of the many benefits of practicing yoga in students and staff.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

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

D. Any 1 of the above

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

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

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) Dr. Sarvapalli Radhakrishnan (Teachers Day: 5th Sep.), Sir M.

Visvesvaraya (Engineers Day 15th Sep.), International Yoga Day, 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	No File Uploaded
Any other relevant information	View File

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. **Academic Audit and Inspection:** Academic excellence can be achieved by focusing keenly on academic performance of students. Hence, academic audit, a peer review process involving self-study and then an audit visit by an expert from outside is adapted by the institution. The purpose of an academic audit is to encourage Institute to evaluate the quality of 'Teaching-Learning processes'.

After the successful completion of theory and laboratory session, faculty members prepare record of their courses. An academic expert from National Institutes, such as IIT, NIT or other Institutes and industry experts are 1. Noting areas for improvement, 2. Evaluating department's approach to educational quality practices, 3. Highlighting examples of exemplary practice(s). Due to pandemic internal academic audit has been conducted in A. Y. 2020-21.

2. **Togetherness in 'Financial Support :** The Institute runs a unique practice wherein, all employees are encouraged to support the needed ones financially and our Honourable Chairman Sir contributes, an amount equal to the amount collected by all employees of the Institute. This is an indirect way to inculcate the value of 'Togetherness' among all the members of the Institute. Similarly, students are encouraged to take new opportunities with the assurance that, the institute will support them partly in finances. The Institute pays good portion of the fees, for value added finishing co-curricular

courses

File Description	Documents
Best practices in the Institutional website	Nil
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

Industry Ready Activities

To bridge the gap between Industry and Academia, Institute has devised the activities which make the students Industry-ready.

First Year - Exposure: The students are groomed right from the first year. They also get an opportunity to interact with Industry Resource Persons who also address regarding Industry requirements. Workshops on Industry relevant topics are organized.

Orientation Program: Orientation programs are organized for FE class as well as higher classes by all the Departments.

Resource Persons from Industry, National Institutes and Foreign Universities: MGMCET takes lead in inviting industry professionals for interaction with the students. MGMCET emphasizes on preparing the students "Industry-Ready" through organized efforts of inviting eminent academicians from IITs and other well-known National Institutes and Foreign Universities as well as Research Organizations.

Project Based Learning: Through PBL, our students worked on several projects relevant to the industry. This learning methodology inculcates the skills to work on Projects and also yields innovative solutions for real life problems.

National Conferences: Institute has been consciously organizing National Conferences on relevant and important themes.

Webinars: Institute is organizing various webinars for updating the knowledge of students and faculty and also to make them

understand how to apply this knowledge and skills in industry.

Faculty Development Programme (FDP): To make students industry ready the faculty are acquainted with modern teaching tools and methodologies through various FDPs.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

7.3.2 Action Plan for Next Academic Year (2021 - 2022)

1. Organize soft skills, aptitude and technical training programs for higher classes students to grasp the career opportunities
2. College is planning to encourage entrepreneurial Ecosystem with the establishment of incubation and start-up centre
3. Endeavour to establish linkage with various agencies for research collaboration.
4. Modernization of Infrastructure of Institute
5. Sustained focus on efforts to recruit,hire, promote, and retain an exceptionallywell-qualified faculty.