



YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	MGM's College of Engineering, Nanded
• Name of the Head of the institution	Dr. Geeta Shrikant Lathkar
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02462224087
• Mobile No:	9850455553
• Registered e-mail	director_naac@mgmccen.ac.in
• Alternate e-mail	kotgire_sl@mgmccen.ac.in
• Address	Near Airport, Off Hingoli Road, Nanded
• City/Town	Nanded
• State/UT	Maharashtra
• Pin Code	431605
2.Institutional status	
• Affiliated / Constitution Colleges	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Dr. Babasaheb Ambedkar Technological University, Lonere Dist. Raigad, Maharashtra				
• Name of the IQAC Coordinator	Dr. Mahesh G. Harkare				
• Phone No.	02462222999				
• Alternate phone No.	9881648391				
• Mobile	9881747185				
• IQAC e-mail address	harkare_mg@mgmccen.ac.in				
• Alternate e-mail address	kotgire_sl@mgmccen.ac.in				
3. Website address (Web link of the AQAR (Previous Academic Year))	http://mgmccen.ac.in/docs/AQAR%202022.23.pdf				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://mgmccen.ac.in/academic-calendar.aspx				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.86	2018	18/08/2018	17/08/2023
Cycle 2	B+	2.69	2024	15/10/2024	14/10/2029
6. Date of Establishment of IQAC			01/11/2016		
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
Computer Science Engineering Department	Research Scheme: Development of an Automated System for Segmentation , Detection and Classification of Liver Tumors for Quicker Diagnosis	AMUPMDC	2021-22	1500000
8. Whether composition of IQAC as per latest NAAC guidelines		Yes		
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 		View File		
9.No. of IQAC meetings held during the year		2		
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 		Yes		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 		View File		
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?		No		
<ul style="list-style-type: none"> If yes, mention the amount 				
11. Significant contributions made by IQAC during the current year (maximum five bullets)				
To plan activities related to the academic. * To plan for soft skills, technical training courses, and value-added courses through the Training and Placement department. * To plan for curricular development programs and value-added courses through Swayam, Spoken				

Tutorials, Virtual lab and E-Yantra. * To plan activities related to sports and cultural and Visiotech. * To plan regarding reappearing of NAAC Cycle-II, AQAR and SSR submission. * To promote Research and Publications by the Faculty & Students. * To Plan for Infrastructures and Faculty requirements for newly added courses 1. Automation & Robotic 2. AI & ML

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
Activities related to the academic like Preparation of Academic Calendar. Review of CO-PO Mapping of various Courses of different programs. Regular conduction of Theory, Practicals, Internal and External examinations and its Evaluation.	It helped all the students improve Academic performance and to improve attainment of PO's stated by NBA to promote higher classes.
These training helps students to enhance their placements and Personality development	These training helps students to enhance their placements and Personality development
Participation of students in Webinars, NPTEL, Swayam and Spoken tutorial courses	It helped to enhance the cutting edge technical knowledge and skills of the students.
Participation of students in various experts lectures and technical events through Professional Club and IEI Students Chapters	It helped the students to improve their personality and to attain various PO's stated by NBA.
Plan for re-appearing NAAC Cycle-II	For improvement in NAAC gradation

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	22/07/2024

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	15/02/2024

15. Multidisciplinary / interdisciplinary

Preparing the technocrats compatible with the industry demands, appropriate interdisciplinary electives are offered in every branch of Engineering that crosses the boundaries of a discipline or curriculum in order to enhance the scope and depth of learning. It also covers an idea, topic, or contents by integrating multiple knowledge domains. Also interdisciplinary projects are encouraged so that along with major branch of study students can suitably select minor stream of specialisation. Students go for suitable internships to the industry to complement interdisciplinary or multidisciplinary knowledge with hands on experience. Collaborative projects are offered wherein students from various branches come together and make some projects to get multidisciplinary knowledge. Core branch students are offered the knowledge of subjects like Mechatronics, Python, Java, Artificial intelligence, Robotics, CNC Programming etc.

16. Academic bank of credits (ABC):

New education policy has been adopted by the Dr. Babasaheb Ambedkar Technological University, Lonere. University has started the process of creating Academic Bank of Credits for the students. Students have registered their names and got ABC ID's.

17. Skill development:

With an intention to bridge the gap of requirements of the industry and academic curriculum, the students undergo various trainings conducted in the Institute for skill development activities throughout the academic year. In vacations students undergo internships, for this training & placement cell has been established along-with innovation and incubation centre. This cell executed various MoU's with the training institutes/forums for arranging workshops, hands on training, internships, field trainings, skill development courses, enhancing overall competencies of our students. The expert lectures and training session were conducted in online/offline mode to reduce the gap of CO, PO attainments. Students were benefited with placements due to these courses. More than 80 students of various disciplines were placed in the different companies in this academic year.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
AICTE has taken initiatives for providing the books in the Indian Languages so one can clear the concepts with the help of these books in his/her preferred language and the University is in the process of holding the examination in various regional languages preferred by the students.	
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):	
Evaluation and reflection has been in practice in our Institute. The Institute has used supporting software for systematic approach towards OBE by designing COs, POs and PSOs at Institute level for all the courses in UG and PG programs. Students are made aware about COs and POs during the learning of the courses. Also COs, POs and PSOs are mapped against the program objectives defined by AICTE to achieve OBE. Teachers also set the question papers of internal/external exams by mentioning COs and BT levels on question paper. The course attainment is viewed through CO-PO mapping. At the end of semester feedback, Course Exit Survey, Program exit survey and the review of this mapping is done through department committees from each Department, NBA coordinators and IQAC along with Director and the Chairman of the Governing Council.	
20.Distance education/online education:	
At present institute has a Local Chapter of SWAYAM/NPTEL (LC 3300). Through this local Chapter institute offers/ facilitates various add on courses for UG and PG students. Nearly 1582 students have enrolled and completed various courses in this academic year 2023-24. More than 95 students have received credit transfers from the affiliating university against the assigned courses. Institute is also the authorised nodal centre for Virtual Lab (NCID 200) as part of imitative taken by MHRD and IIT Mumbai. Through this virtual lab students were benefited with latest trends in experimentation in online mode. Institute also allows industry people to have their additional training in state-of-art laboratory setups available in the campus and also encouraged them to conduct workshops and skill development programs in online mode. Expert lectures by alumni are also organized to provide competitive advantages to the students.	
Extended Profile	
1.Programme	
1.1	5

Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	View File	
2.Student		
2.1 Number of students during the year		1506
File Description	Documents	
Data Template	View File	
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		742
File Description	Documents	
Data Template	View File	
2.3 Number of outgoing/ final year students during the year		372
File Description	Documents	
Data Template	View File	
3.Academic		
3.1 Number of full time teachers during the year		81
File Description	Documents	
Data Template	View File	
3.2 Number of Sanctioned posts during the year		81

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	24
4.2 Total expenditure excluding salary during the year (INR in lakhs)	317.01
4.3 Total number of computers on campus for academic purposes	703

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 Institute is affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere since academic year 2017-2018.

The Academic Calendar of the Institute is prepared by the Director, HODs and Administrative Officer after elaborate discussions before starting of every semester. The Time Table coordinator of each Department prepares the Time-Table for each Class.

HOD allocates subjects to the faculty as per area of specialization and faculty interest. Every faculty member prepares a teaching plan of allotted subjects .

Faculty members maintain course file having - Course Objectives, Course Outcomes, CO-PO Mapping, Individual Time-Table, Teaching Plan, Assignments, Test Marks, University Question Papers, Student Attendance, and Teaching Notes.

Lab Manuals are prepared by faculty for the respective subjects, considering advices given by DAB and PAC. It contains list of experiments, procedure of experiment, sample analysis, expected results of the experiments, etc.

Faculty members adopt innovative teaching practices like ICT based teaching methods, using models and simulations, blogs, video lectures, etc.

Internet facility is available through wired and Wi-Fi networks for the access of e-books, e-journals, e-learning resources such as NPTEL, SWAYAM and Infosys Springboard platform.

Attendance of the students is sent to the parents twice a month through SMS.

Student's feedback is taken to assess the teaching-learning process and corrective measures are taken.

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)

The Academic Calendar of the Institute is prepared in concurrence to the University Calendar by the Director, HODs and Administrative Officer after elaborate discussions. It is then circulated to the Departments. The Time Table coordinator of each Department prepares the Time-Table for each Class and uploads in ERP system.

HOD allocates subjects to the faculty as per area of specialization and faculty interest. This subject allocation is done immediately after the end of previous semester so faculty gets time to prepare for the allotted subject in advance.

Every faculty member prepares a teaching plan of allotted subject in ERP software system. The complete documentation is prepared and maintained in ERP software.

There are two tests and a mid term examination every semester as a part of CIE. The internal exam schedule is the part of academic calendar. Accordingly exam coordinator of each department and central test coordinator prepares time table of periodic test-I, mid semester exam and periodic test-II as per academic calendar of the institute with guidance of Director.

Periodic test-I is conducted on first two modules of course curriculum provided by university, mid semester exam is conducted on first three modules of course curriculum provided by university and periodic test-II is conducted on fourth and fifth modules of course curriculum provided by university.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above 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

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

5

File Description	Documents
Any additional information	View File
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)

29

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
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

891

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

891

File Description	Documents
Any additional information	View File
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

Dr. Babasaheb Ambedkar Technological University, Lonere provides curriculum which covers issues like Professional Ethics, Gender,

Human Values, Environment and Sustainability. Following courses are offered in various programs to cover the above issues:

BTES106: Basic Civil and Mechanical Engineering covering environment issues

BTHM401 Universal Human Values covering professional ethics

BTHMC306: Basic Human Rights

BTXX406: Product Design Engineering

BTHM3402: Interpersonal Communication Skills & Self Development

BTHM3402: Soft Skills and Personality Development

BTHM501: Constitution of India

BTMEC605B: Sustainable Development

BTMEC606C: Human Resource Management

In addition to the above courses, the Institute conducts the following activities

The TechLife Club is working for more than 30 years to create awareness among students towards environmental issues. It organizes activities like mountaineering, trekking, tree-plantation, campus cleaning, river cleaning, etc. Girls also actively participate in all the activities of TechLife.

Every year NSS unit organizes Blood donation camp. more than 300 students and staff donate blood every year..

Female students are having a very good representation in sports and cultural activities in the campus. Gender based discrimination has never been experienced in students and staff .

The Institute conducts various activities under Unnat Bharat Abhiyan, such as visiting and/or adopting villages to guide them for solving their different issues related to environment and its sustainability.

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	View File

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

35

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1374

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

A. All of the above

from the following stakeholders Students
Teachers Employers Alumni

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

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://mgmcen.ac.in/IOAC.html

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 sanctioned seats during the year

408

File Description	Documents
Any additional information	View File
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

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

The Institute appoints faculties as mentors with an average ratio of 1:20 students. The mentors hold meetings of their mentees regularly. Through these meetings the students' performance in periodic tests, overall performance in the class rooms and labs is assessed. Accordingly slow learners and advanced learners are traced out. For the slow learners remedial classes of theory subjects are conducted to make their concepts clear. Besides, extra lab sessions are conducted and in addition to this, assignments are provided for more practice and the mentees are directed to contact their respective subject incharges. At the end of the above activities improvement tests are conducted. For the improvement of slow learners, the institute has already included extra lectures in their regular timetable for the difficult subjects such as Engg. Maths, Engg. Mechanics, CPC and EG. Before the start of every unit, the pre-requisites are discussed comprehensively for the better understanding of the slow learners.

For the advanced learners, the Institute provides online and offline learning platforms such as SWAAYAM & NPTEL, MOOCs, lectures, Infosys Spring Board, Infy TQ, Courseera, Internshala, Hackthon, GDSC and TCS ION etc. Also the advanced learners are motivated to participate in various workshops, seminars, expert talks and technical events within and outside the institute. The mentors take enormous efforts for grooming the students to participate in above cited activities.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
1506	81

File Description	Documents
Any additional information	View File

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

At MGM College of Engineering, Nanded, a variety of innovative teaching and learning methods are employed to foster student growth and engagement:

Collaborative Learning: Student work in teams for solving problems, completing projects, engaging in debates, and designing creative products.

Inquiry-Based Learning: Students are encouraged to explore resources beyond the classroom to investigate open-ended problems, promoting critical thinking and independent learning.

Cooperative Learning: Through participation in departmental club activities, students work collaboratively to enhance their learning and assist peers in achieving academic goals.

Problem-Solving-Based Learning: Students participating in projects and competitions are assigned diverse tasks, responsibilities, and assignments to develop problem-solving skills.

Peer-Led Team Learning: Under the guidance of faculty mentors, students take the lead in organizing intra- and inter-college events such as "VisioTech, Ideathon, etc. fostering teamwork and leadership abilities.

Experiential Learning: Faculty members create a dynamic learning environment through experimentation, demonstrations, visual aids, and industrial visits. Field-based experiential learning is enhanced through internships. Community engagement activities such as visits to orphanages, deaf and dumb school, blood donation drives, Swachh Bharat Abhiyan, Unnat Bharat Abhiyan campaigns are also conducted.

Project-Based Learning: First-year students are introduced to PBL,

while second-year students complete mini-projects. In the third and fourth years, students undertake mini and major projects as credit-based courses, enabling them to apply theoretical knowledge to practical applications.

File Description	Documents
Upload any additional information	View File
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

Teachers at use various ICT-enabled tools to enrich the teaching and learning experience. ICT tools such as laptops, desktops, LCD projectors, audio-video aids are used by teachers in teaching learning process to make it more interactive and effective.

Google Classroom is used to streamline assignment distribution, quizzes, and study material. This platform allows teachers to manage coursework efficiently. It is convenient for students as well.

Teachers use E-books, E-journals, and digital databases into their teaching practices. These resources provide students with up-to-date knowledge and enhance their understanding of complex topics by offering access to diverse materials beyond conventional textbooks. Library also offers 24*7 access to a wide range of e-resources.

MGMCCEN is a recognized Nodal Center of IIB, Virtual Labs. The facility of virtual laboratories, allow students experiment in a simulated environment, broadening the scope of experimentation and creativity.

MGMCCEN campus is covered with Wi-Fi and LAN based facilities (1Gbps dedicated lease line). ERP is used for saving student attendance, examination performance, teaching plan, Time table etc. Class WhatsApp group is used for discussion and sharing. Animations and simulations are used for demonstration of concepts. Online quizzes and polls are also regularly conducted. Few Teachers have their you tube channel.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

75

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

81

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

24

File Description	Documents
Any additional information	View File
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

1154

File Description	Documents
Any additional information	View File
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.

Internal assessment within examinations serves as a gauge of teaching effectiveness. To ensure transparency in the internal assessment, the internal assessment system is communicated with the students well in time. Faculty meetings convened by the Principal ensure the effective execution of the evaluation process. Continuous evaluation involves Group Discussions, periodic Tests, Assignment Submissions, Field Visits, and Seminar Presentations. Two Periodic Tests and one Mid-Semester test are conducted as per the schedule given in academic calendar. The performance of the students is displayed on the Notice board and communicated to the students in the class. Extra classes are organized for the weak students after their assessment. For transparent and robust internal assessment, the separate committees are formed like Internal/External theory/practical Examination Committee, Seminar/Project in-charge, Academic in-charge. The method of internal assessment helps the teachers to evaluate the students more appropriately, the interest of the student towards learning and attending the classes has been

also increased. It has created the interest among the students to take active participation in various co-curricular and extra-curricular activities for their overall personality development. The seminar presentation improves the communication skills of the students which is very essential to face the interviews.

File Description	Documents
Any additional information	View File
Link for additional information	https://mgmcen.ac.in

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

The mechanism for addressing internal examination grievances is transparent, efficient, and time-bound. Students are informed about evaluation procedures and the allocation of marks as per university regulations. Regular meetings, led by the Principal and involving Heads of Departments, class in-charges, and mentors, address evaluation-related matters and changes in regulations.

After internal exams, evaluated answer scripts are distributed to students for review. Any grievances, such as errors in question papers, mark allocation, or corrections, are resolved by the teacher. If unresolved, students can escalate their concerns to the HOD, and reassessment by another teacher may be conducted if necessary. Internal marks are displayed on the notice board, and parents are informed via SMS. Faculty mentors counsel students, and remedial classes are arranged for those who fail. Retests are conducted for students with genuine reasons for missing exams. Marks are entered into the CASERP portal, allowing students to view their performance online.

For external exams, deadlines for revaluation or challenging results are set by the university. This information is communicated through circulars and the college website. The process ensures students can act promptly, reflecting a system that is transparent, fair, and time sensitive for managing grievances.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The following mechanism is followed by the institution to communicate/disseminate PO'S and CO'S to the teachers and students.

1. The vision and mission statements of the programs and institute are displayed on the institute website as well as at various key positions in the Institute.
2. POs are printed newsletter and published on the institute's website.
3. The vision, mission and POs are conveyed to the students during students orientation program conducted at the start of each year.
4. Vision, Mission and POs are discussed during parents meet organized by the department once per semester.
5. Every faculty member discusses vision, mission, POs, PSOs and COs at the start of course work in every semester.
6. Head of Department (HoD) discusses vision, mission, PEOs, POs and PSOs with the faculty members in departmental meeting.
7. Vision, mission, PEOs, POs and PSOs of the department are discussed when the alumni visit to institute and during alumni meet conducted once per year.
8. HoD and faculty members discuss vision, mission, PEOs, POs and PSOs with industry experts who visit to the department for conducting seminars, workshops, expert lectures etc.
- 9: COs are clearly described in the course curriculum as well as are made available for the students in the ERP.
- 10: Pos and PSOs are also displayed in class rooms

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://mgmcen.ac.in/civil-engineering/profile.aspx
Upload COs for all courses (exemplars from Glossary)	View File

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

To ensure attainment of Pos and Cos, every department has a Program Outcome Assessment Committee (POAC) comprising of Head of the Department and two senior faculties from the department. POAC monitors course and program attainment at the department level.

COs are continuously assessed by the course coordinator by conducting

- Internal examinations throughout the semester,
- Interacting with students in Class and
- Students' performance is assessed while conducting practical's.

The course coordinator is at liberty to take corrective measures while assessing the CO's on continuous basis. POAC also monitors Course attainment on regular basis and issues guidelines to course coordinators for improving course attainment. This has resulted in improvement in performance of students in University examinations.

The institute has set a mechanism to assess the program outcome. Effective assessment uses direct and indirect, quantitative and qualitative measures as appropriate to the objective or outcome being measured. Direct assessment is assessment of actual student work by someone qualified to assess it; indirect assessment refers to assessment techniques like end course surveys, graduate exit surveys etc.

Sr. No

Assessment Tool

Method of assessment

Assessment frequency

Assessing authority

Reviewed by

1

End Course Survey

Indirect

Once in a semester

Faculty and Head

POAC

2

Exit Survey

Indirect

Yearly

Head and Committee

3

External Survey by Examiners

Direct

Yearly

External Examiner

4

Assignment

Direct

Thrice in a semester

Concerned Faculty

5

University Examination

Direct

Twice in a semester

University

Based on all above parameters attainment level of POs/PSOs/COs is assessed

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://mgmcen.ac.in/naac-info.aspx

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

325

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	https://mgmcen.ac.in/naac-info.aspx

2.7 - Student Satisfaction Survey

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

<https://mgmcen.ac.in/pdf/reponses%2010.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)

19.91

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.barc.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

33

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

13

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

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

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

7

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Details of extension activities conducted by students of our institute are;

Yoga and Meditation Camps on yearly basis. This camp is organized on the occasion of International Yoga Day. Yoga and meditation help improving health and cognitive abilities.

Unnat Bhart Abhiyan - Institute has adopted five villages nearby under this scheme. UBA unit organizes various environmental awareness campaigns and Village health survey are carried out by the students. Students identify issues in these villages and suggest possible solutions and remedies.

NSS Unit - The voluntary organization of student continuous engage various activities such as Swatchhta Abhiyan, Tree Plantation, Blood Donation Camp.

NCC Unit - Institute has its own NCC unit comprising of 40 Male and 40 female students. The aim is to inculcate discipline and physical fitness. On the occasion of Republic Day and Independence Day students perform Parade.

Tech-LIFE - Students club of the Institute organizes the activities related to environmental awareness, trekking expedition, traffic awareness programs, pollution check camps, Nirmalya Sankalan, and eco-friendly Ganpati Making. All such activities help the students to understand nature and their responsibilities towards it.

Orphanage Visit - Students of our Institute visit an orphanage of girls "Suman Balgruha" every year and distribute daily essentials to them.

File Description	Documents
Paste link for additional information	www.mgmcen.ac.in
Upload any additional information	View File

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

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

8

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - 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

3.3.3.1 - 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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/

NCC/ Red Cross/ YRC etc., during the year

21

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration**3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year**

11

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year**3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year**

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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 Institute has a well-planned state of art infrastructure for academic, co-curricular & extracurricular activities. Infrastructural facilities are focused for an effective teaching & learning process. The Institute possesses a well maintained 17.5 Acres of campus, with a nature friendly landscaped area. Total built-up area around 2 Lakh Sq.ft for Instructional, administrative & amenities as per the norms. The plantation done across the campus and Institute has dedicated and well maintained Nursery, garden, lawns with water bodies.

- Classrooms are well furnished and equipped with blackboard, Interactive board, LCD projector along with LAN, facility of smart board , high speed internet, CCTV cameras and with power backup facility.
- There are 23 classrooms & 2 A/c Seminar halls with ICT facilities, 40 Laboratories, common workshop, Central Library with Reading room, Drawing hall, Training & placement office.
- A Well furnished A/c Conference hall with ICT facilities like Projector, White board, advanced sound system and high speed internet.
- There is Open Auditorium with 2000 seating capacity, Playgrounds, Girls common room, boy's hostel with 68 inmates, girl's hostel with 92 inmates and & Clinic/Dispensary and canteen facilities.
- There are domain-centric 40 laboratories. All Laboratories are well furnished and equipped with advanced equipment/Instruments, latest software to impart hands-on experience to students.
- The instruments like CNC, Robotic arm, 3D printing & Cordinate measurment machine of 1 micron is available.
- The centers of excellence and industry sponsored laboratories are established to meet industry requirement.
- The campus has CCTV and WiFi enabled.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mgmcen.ac.in/classrooms.aspx

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

- The institute focuses on overall development of the students by facilitating them to participate in co-curricular and extra-curricular activities.
- The institute has a playground for various sports activities like cricket, football, basketball, tennis, Volleyball, kabbadi, facilities for Athletic game like Running, Long Jump, High Jump and Jewel in through, disc through, shot put etc. facilities for indoor game like Chess, carom, table tennis etc.
- For indoor games institute shares well maintained Municipal corporation stadium and indoor sports facilities.
- Institute organizes various cultural activities Through Zhankaar Events. Students participate in cultural activities like, Dancing, Singing, Skit competition, Fashion show, etc.
- Girl students are especially encouraged for participation in all sports and cultural activities.
- Open Auditorium & Indoor Auditorium is available for cultural activities
- The students are encouraged to participate in various indoor and outdoor sports and Cultural Activities.
- Various sports competitions are organized within the Institute. Students participate in Inter collegiate, Inter-University, State and National level competitions.
- In the first year students are introduced to various cultural and sports activities including Yoga through Induction program.
- Students take active participation and have won many prizes in Youth Festivals organized by the University.
- Students participate in Yoga activity every year.
- Students also actively participate in various activities like Tree Plantation, Campus cleaning, Social service, Social awareness programs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mgmcen.ac.in/sports.aspx

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

24

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mgmcen.ac.in/classrooms.aspx
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)

14.78

File Description	Documents
Upload any additional information	View File
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)

The College Library uses SOUL (LMS). It is state-of-the art integrated library management software designed and developed by the INFLIBNET Centre of UGC based on requirements of college and university libraries. It is a user-friendly software developed to work under client-server environment. The software is compliant to international standards for bibliographic formats, networking and circulation protocols. After a comprehensive study, discussions and deliberations with the senior library professionals of the country, the software was designed to automate all housekeeping operations in the library. The software is suitable not only for the academic libraries, but also for all types and size of libraries. SOUL is Compliant to international standards.

The SOUL consists of 6 modules. each module has further been divided into sub modules to cater to its functional requirements. The modules are Acquisition, Catalogue, Circulation, Serial Control, OPAC & Administration. Acquisition module enable library staff to handle all the major functions like order processing, Budgetary control, master file such as venders, publisher etc. Catalogue module is used for retrospective conversion of library resources. It also facilitates library staff to process the newly acquired library resources. Circulation modules take care of all possible functions of Circulation. OPAC is one of the major attractions of SOUL. The OPAC has simple and advanced search facility with the minimum information for each item including author, title, corporate body, subject class number, accession number etc. It also provides Web OPAC facility.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://mgmnandedlibrary.org/webopac/

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	View File
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)

16.38

File Description	Documents
Any additional information	View File
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

93

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The Institute is having more than 700+ Computers total with continuously upgraded from Intel 386 to i7 configuration. These are connected by fiber optic cables having IBM blade servers with high end application and system softwares. All departments are having their own dedicated computer lab installed with domain specific

software such as Oracle, CATIA, ANSYS, CAD, Uni-Graphics, MATLAB, Auto-CAD, Staad-Pro, E-Tabs, PLC Ladder-Logic, HAAS in-built CNC Programming etc. These laboratories are Inter connected with each other through LAN. with CAT6 cable and are Wi-fi enabled. Wi-fi facility is provided all over the campus including Boys hostel, Girls hostel and Canteen. The Central Computing Facility is provided with 60 computers. The Institute provides and encourages the use of free & open source resources like Ubuntu, LaTeX, PHP, JAVA, SQL& C, C++, Python etc.,

The institute is having dedicated 1:1 BSNL leased line since 1995. Currently our lease line bandwidth is 1Gbps on fiber optic cable. Also having 500Mbps Tata leased line as a backup purpose and 100 Mbps two broadband connections.

The institute is having ERP Software (CAS-ERP) for Online Accounting, Student Information, Staff Bio-metric attendance , employee leave management, Budgeting, Financial transactions, students attendance, students marks, students documents, staff documents etc.

The entire network is secured by SOPHOS XG310 Firewall from online threats. All computer systems of the Institute are protected against viruses and malware by SEQRITE End Point Security (EPS) for 600 users with one Master Server and 5 Slave Servers. The 24 port CISCO Switch, POE switch are available.

1

Till 2005

256 Kbps

2

20/12/2005

1 Mbps

3

20/07/2009

4 Mbps

4

20/04/2011

12 Mbps

5

15/12/2012

20 Mbps

6

01/08/2014

34 Mbps

7

01/04/2017

100 Mbps

8

15/06/2023

200 Mbps

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgmcen.ac.in/computer-science-engineering/43/server-room.html

4.3.2 - Number of Computers

703

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

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

File Description	Documents
Upload any additional Information	View File
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)

281.22

File Description	Documents
Upload any additional information	View File
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.

The campus is surrounded by a compound wall and team of security personnel looks after the overall security. Separate teams take care of building maintenance, electrical maintenance, machine maintenance, housekeeping, water supply and sanitation. These teams are lead by a site engineer. Separate teams for computer maintenance, network maintenance and CCTV cameras installed work with system Administrator and a Network administrator with their staff. The overall building cleanliness including washrooms is done daily with full time staff on roll. for maintenance work institute provided call book to all department, they give call to maintenance department and after approval from the Director the work is done. Departments look after their Classroom, Laboratories and any other maintenance work. The laboratory in charge along with lab assistant

will be responsible for the maintenance and calibration of instruments. They report to respective HOD who updates the Director of Institute regarding the same. For library, the Librarian along with other staff, will take care of all books and its stock on regular basis. The experienced sports teacher is appointed to look after the purchase of sports equipment's, its stock and maintenance. The institute is having variety of plantations, Nursery, Garden and lawns. The medicinal plants are also nurtured. The Director involving all undertake initiatives like Tree Plantation, maintaining Lawns, development of Garden & Nursery to improve the overall ambiance

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgmcen.ac.in/IOAC.html

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

1120

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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	View File
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

A. All of the above

File Description	Documents
Link to institutional website	https://mgmcen.ac.in/trainingandplacement/training-placement.html
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

92

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

92

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

77

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

7

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	View File
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

8

File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.

6

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

Student committees/clubs are operational to showcase the student's representation and engagement in various administrative, co-curricular and extracurricular activities:

Students Council:

Students have strong representations in all cultural and sports activities. Major events include Jhankar, Annual Gathering, Udaan Farewell Function, Aarohan, Fresher's Party. A student's council comprising of General, Cultural, Sports, Magazine & Secretaries, Ladies Representative is formed by a well established process.

Student Clubs:

Departments organize the engineering activities through student clubs. Each club is run by students. Clubs have well defined structure & assigned roles. Computer User Club, Civil Engineering student Association, Electronic and Telecommunication student Association, Mechanical Engineering Students Association and Information Technology students association.

Students T and P Council:

It is students body organizing T and P activities on the campus.

NCC club, NSS Club:

It develops among students a sense of social and civic responsibility

GDSC Club:

GDSC is a community powered by Google. Nagesh Kharat of TY ECT was selected as GDSC Team Lead.

Tech-life Club:

Creates environmental awareness and undertake activities for preserving the natural resources. It is cohesive group of nature loving students.

Unnat Bharat Abhiyaan Cell:

It is formed for flagship programme with intention to enrich rural India.

Students also have representation in IQAC, grievances, etc

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/jhankaar.html
Upload any additional information	View File

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

14

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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

Name of Trust:- MGM'S COLLEGE OF ENGINEERING ALUMNI ASSOCIATION

SYNERGY NANDED

Registration Number : - F-0023036(NND)

Executive Council :

President :Dr. Geeta S. Lathkar

Vice President 1: Praveen Kawade

Vice President 2 : Tarun Oberio

Vice President (North) : Deepinder Singh

Vice President (South) : B. Vardhraj

Vice President (West) : Mukesh Jain

Vice President (East) : Salringra Momin

Vice President (Overseas) : Mandeep Singh Dhaliwal

Secretary : Dr. Archana Rajurkar

Joint Secretary : Hashmi S.A.

Treasurer : Dr. J. S. Sidhu & Munir Sayyad

Member : Prashant Bhadoria, Ritesh Loya, Rahulsingh Bisen,
Shivprasad Titare, Nikhil Dachawar

Institute is functioning since 40 years, almost 10,000 engineers have passed out, performing great in the organizations of repute world over.

The Director works almost since inceptions and faculty having average experience of 25 to 30 years. She was invited to USA by our alumni and International alumni meets were organized at Nanded and Noida.

Launched a group activity of Alumni Interaction as Mentor (AIM) on 2nd October 2016 to provide career guidance.

Alumni contributed Rs.785587/- in 2023-24 to provide financial support to weaker students, critical cases of hospitalization and major incidences.

Alumni are in regular contact though social media groups.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/alumni/registration.html
Upload any additional information	View File

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (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

The empowered team of the Institute comprising of the Governing Council, Director, committee conveners, and staff, ensures that institutional governance is in line with the institute's vision and mission. Various committees look after academic, extracurricular, administrative, sports, and cultural activities, planning and executing initiatives to provide quality engineering education with global norms.

Integrated e-governance is provided for administration, finance, student support, and examination processes, promoting transparency. Seminars, workshops, and industry training foster innovation and entrepreneurship, while interdisciplinary collaborative projects and competitions like Smart India Hackathon to promote a research and development culture.

The institute has a Swayam/NPTEL local chapter, offering self-learning opportunities for students.

Transparent decision-making, policy framing, knowledge sharing, feedback mechanisms, and implementation enhance institutional governance dynamics. Regular socially significant activities instill human values in aspiring engineers, contributing to the holistic development.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/mission-objective.html
Upload any additional information	View File

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

Along with the capable leadership at every level, the Institute promotes and practices decentralization in all academic and administrative activities, it has various academic and administrative committees to plan, execute & monitor smooth functioning of the Institute. The Director with due support of Heads of Departments (HODs) and staff manages institutional responsibilities comprehensively.

Institutional Budget is prepared by involving all faculty members. Library requirements are looked after by the librarian consulting with HOD and faculty members. Purchase committees are in place involving faculty at all levels. All the material is received and issued by the store section. Various maintenance aspects are looked after by the assigned people.

Numerous committees take care of diverse academic and administrative functions. The Academic cell, Examination Cell, comprising of the Director, all HODs, respective departmental coordinator are responsible for planning and executing academic and examination schedules. Departmental coordinators look after the internal test examinations, ensuring uniform question paper patterns and fair monitoring by an internal vigilance squad.

Answer sheets are returned to students for transparency and to address grievances. This structure promotes accountability and fairness throughout the examination process, reflecting the institute's commitment to effective leadership and transparent governance.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/cells-committees5f13.html?section=CollegeDevelopmentCommittee
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

To enhance institutional functioning, the governing council crafts a strategic plan in alignment with the institute's vision and mission, considering stakeholder expectations and regional needs.

For example, one of the strategic objective focuses on boosting student employability and placement through campus recruitment. This plan involves establishing a Training and Placement (T&P) cell with departmental representation. The T&P cell conducts various skill development programs, including hands-on training and aptitude development to generic skills. The institute provides the opportunities to learn the value addition courses by providing SWAYAM/NPTEL local chapter and state-of-the-art infrastructure, particularly in laboratories equipped with robotics, 3-D printing, IoT, and AI-ML with regular updating of the laboratories. Students are encouraged and sponsored to participate in various competitions at state and national levels such as Smart India Hackathon, e-Yantra, etc. supported by various collaborations with academia and industry.

Institute has BSNL 1Gbps dedicated Internet leased line connection supported by 500Mbps TATA leased line. Furthermore, the institute subscribes to IEL online, granting students and faculty access to cutting-edge research publications. Regular student feedback is solicited to identify areas for improvement and implement corrective measures.

These efforts have significantly elevated the number of students securing positions in renowned multinational corporations, demonstrating the successful deployment of the strategic plan in achieving its objectives

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://mgmcen.ac.in/default.html
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.

Following AICTE guidelines, the Institute is governed by the apex body, the Governing Council, chaired by the Chairman of the parent Trust, Mahatma Gandhi Mission. The Council includes an appointed member from the fields of industry, technology, or education. The Director of the Institute serves as the Council's secretary and is entrusted with executing their decisions regarding academic, financial, and administrative matters.

The Director delegates authority as necessary to the Vice-Principal and Department Heads to facilitate operations. Each engineering branch is overseen by a separate Department Head. Various committees, such as the Admission Committee, Internal Quality Assurance Cell (IQAC),

Training and Placement Cell, and Grievance Redressal Committee, among others, handle academic, administrative, and extracurricular activities.

All qualifications and experience norms for the appointments and promotions are in accordance with those specified by the statutory authorities. All the vacations and other facilities to the employees are also given according to the norms.

The Institute prioritizes addressing social and personal issues affecting female students and staff through the "Internal Complaint Committee." Adherence to statutory guidelines helps governing, hiring and establishing service procedures for the employees by regulatory authorities. This structured governance framework ensures effective management and compliance with established standards.

File Description	Documents
Paste link for additional information	https://mgmhttps://mgmcen.ac.in/service-rules.html
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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 interfaces	View File
Any additional information	No File Uploaded
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

The institute implements various welfare measures for both teaching and non-teaching staff, adhering to AICTE/UGC guidelines. All applicable leave and vacation benefits are provided, including compensatory off days for postponed public holidays and study leave of up to three years for teachers. Pension benefits encompass gratuities and an employee provident fund scheme. Women faculty members are given maternity leaves and other leaves as per the rules. Medical and other benefits include emergency medical expense coverage, regular health checkup camps, and collaboration with nearby hospitals for affordable and immediate medical care. Concessions and free-ships extend to fee reductions for to the ward of employees . Fee exemptions for students facing financial constraints due to a guardian's demise, and financial aid for faculty members' ward pursuing higher education.

Faculty members are encouraged and sponsored to pursue their higher qualification. Faculty members are generously sponsored for skill development activities such as Faculty Development Programs, conferences, workshops, and seminars. Additionally, there's a group insurance scheme for employees and a credit cooperative society to address their emergency financial needs. These welfare initiatives demonstrate the institute's commitment to enhancing the well-being and overall satisfaction of its staff members.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/service-rules.html
Upload any additional information	View File

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

17

File Description	Documents
Upload any additional information	View File
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

0

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

39

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
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 is having performance appraisal system for teaching and non-teaching staff. A self appraisal form contains performance metrics such as Number of courses taught, Number of lectures conducted, examination work (Assessment of examination question papers), number of co-curricular activities organized, research papers published, feedback from the students and other activities. Teaching faculty members fills and submit in self-appraisal form to the director through respective HOD .

These self appraisal forms undergo scrutiny by department heads before submission to the Director. The institute has implemented a robust 360-degree feedback system to comprehensively assess the performance of its teaching faculty and non-teaching staff. This system incorporates feedback from various stakeholders, including peers, superiors, subordinates, and most importantly, students.

Students do the assessments by giving feedback in terms of four-point scale, offer valuable insights into teaching effectiveness and support service quality. Moreover, students evaluate practical sessions, focusing on aspects like experimental setup sequencing and equipment availability, through structured questionnaires. The department head identifies exemplary teachers based on these

evaluations, who are then honored at an annual ceremony with medals and books.

This performance appraisal system creates a sense of individual responsibility and accountability among faculty and staff, fostering a culture of excellence and continuous improvement throughout the institute

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/service-rules.html
Upload any additional information	View File

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

The Institute places a strong emphasis on meticulous financial management, taken care by dedicated account section ensuring the integrity and accuracy of financial records. Regular checks and audits, conducted by a chartered accountant appointed by the Governing Council, provide additional layers of checks and accountability. The College Finance Committee plays a pivotal role in the financial decision-making process, assisting in budget creation and closely monitoring monthly expenses and fee collections. This committee ensures adherence to budget provisions, thereby minimizing deviations and promoting financial stability. To maintain financial accuracy, monthly bank reconciliations are performed, while quarterly and annual audits are conducted by the chartered accountant's team. Budget creation for each financial year takes into account various factors such as student enrollment projections, fee income, staff salaries, building maintenance, investments in hardware and software, research and development expenditures, faculty training sponsorships, and library resources.

Any identified flaws or discrepancies highlighted during routine audits are promptly addressed by the Director and accountant, in compliance with recommendations from the chartered accountant's office. This diligent approach to financial management underscores the Institute's commitment to transparency, accountability, and fiscal responsibility, ensuring the sustainable growth and success of the institution.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/images/department/download-20241911174408.pdf
Upload any additional information	View File

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

As a self-funded, unaided institution, our primary income source is fees collected from students, approved by the Fee Regulatory Authority appointed by the State Government. To ensure smooth operation of our institution and timely salary disbursements, the collected fees are prudently invested in Fixed Deposits (FDs) in banks, and expenditures are managed meticulously within the confines of planned budget. Financial care is at core of our institution's operations, and we employ a multifaceted approach to financial management. This includes establishing a transparent expense system, maximizing the efficient utilization of available funds, and diversifying revenue streams through funded research projects and consultancy services. We are committed to procuring equipment at optimal costs, maximizing the utilization of human resources, and streamlining administrative expenses. Furthermore, we prioritize sustainability initiatives such as energy conservation and digitization to reduce paper consumption and minimize our environmental footprint. These measures not only contribute to cost savings but also align with our institution's commitment to

environmental responsibility. Through these resource optimization strategies, we aim to minimize financial burden on students from our underdeveloped region without compromising on the quality of education and opportunities provided. This approach underscores our commitment to responsible financial management, accessibility, and sustainability in education provision.

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

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

The Internal Quality Assurance Cell (IQAC) has contributed significantly to institutionalizing the quality assurance strategies and processes. As per the academic calendar, there was smooth conduction of offline classes during odd/even semesters with internal and external tests and practical examinations. Organized various online and offline training courses through the Training and Placement cell, like Fundamentals of Basic English, Aptitude & Soft Skills Training with Python, JAVA. Also Additive Manufacturing, and other software courses were offered. This training helped the students for placement, & more than 77 students got placed in various organizations in AY 2023-24. Various webinars in each department on various research topics by alumni and experts were conducted. Encouraged faculty and students to actively participate in various webinars, NPTEL and Swayam Courses, 819 students were registered for various courses, and 92 students got certificates. The conduction of internal academic and administrative audits was done by an internal committee, and an external audit was done by a committee appointed by Dr. BATU, Lonere.

AQAR was prepared and submitted in A.Y. 2022-23. Regular meetings were conducted by IQAC twice a year. Feedback from the students was collected and analyzed by the departments, and it was used for improvements in the teaching-learning process. The OBE system was successfully implemented with the help of supporting software. Institution has applied for accreditation of NAAC-Cycle-2 and NBA in the academic year 2023-24.

File Description	Documents
Paste link for additional information	http://mgmcen.ac.in/docs/AQAR%202022.23.pdf
Upload any additional information	View File

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

IQAC regulates the OBE conduction through PAC and DAB. At the start of the semester PAC reviews the curriculum and associated CO, PSO and PEO framed by the department. PAC also implements the recommendation of DAB.

IQAC has recommended to undertake NPTEL-SWAYAM Courses for faculties and students to improve the knowledge of students and faculties. In AY2023-24, 1582 students enrolled and 819 students registered for various courses out of which 95 students got certificates.

Participative Decision Making is a critical component of every Organization's and departments. Delegation of responsibility leads to better decision-making. Involving faculty members in the decision-making process gives each employee the opportunity to voice their opinions, and to share their knowledge with others. It encourages a strong

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/mandatory-disclosure.html
Upload any additional information	View File

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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://mgmcen.ac.in/docs/AOAR%202022.23.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

Our Institution prioritizes gender equity through various initiatives aimed at empowering students and staff. Awareness Programs include gender sensitization workshops, seminars, and guest lectures to promote respect and equality. A notable session, "Managing Academic Pressure and Gender Expectations," was conducted by Dr. Vrushali Kinhalkar, a renowned gynecologist and poet. The talk provided students with strategies to tackle academic stress and gender-specific challenges. Safety and Security are paramount, with a dedicated Internal Complaints Committee (ICC) ensuring a harassment-free environment. Campus security includes 24x7 surveillance, grievance redressal systems, and well-lit pathways, alongside Karate training for girls to boost self-defense skills. Facilities for Women include separate common rooms, sanitary napkin vending machines, and healthcare services. Leadership and Participation are actively promoted, with women encouraged to take leadership roles. The Institution celebrates female leadership of Dr. Geeta S. Lathkar for last 40 years, with women heading Departments, the CASERP Cell, Incubation Center, and Admission Cell. Women also hold equal positions in the Student Council, such as Cultural and Sports Secretaries. Annual events like Mr. Fresher, Miss Fresher, and Mr. MGM, Miss MGM, highlight talent and gender equity, reinforcing the Institution's commitment to gender equality and inclusivity.

File Description	Documents
Annual gender sensitization action plan	https://mgmcen.ac.in/naac-info.html
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	https://mgmcen.ac.in/naac-info.html

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The Institution is committed to maintain an environment friendly campus through effective waste management systems:

1. Solid Waste Management: Waste is segregated at the source using color-coded bins for biodegradable and non-biodegradable waste. Biodegradable waste is composted on campus and used for landscaping, while non-biodegradable waste is handed over to authorized recycling agencies.

2. Liquid Waste Management: Wastewater is directed to the Municipal Corporation's drainage system for proper treatment and disposal, with regular monitoring to ensure compliance with environmental standards.

3. Biomedical Waste Management: Waste from health camps, such as blood donation drives, is segregated and safely disposed of through the Red Cross agency.

4. E-Waste Management: Electronics waste are collected separately and disposed via certified e-waste recyclers. Awareness campaigns promote responsible e-waste disposal.

5. Waste Recycling System: Paper waste is collected and sold to authorized agencies for recycling. Efforts are made to minimize plastic waste on campus.

6. Hazardous Chemicals Management: Diluted chemical solutions are used in chemistry laboratories to reduce hazardous waste, which is safely disposed through wash basins following safety protocols.

The Institution ensures sustainable practices, promoting a clean and green campus while adhering to environmental standards.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://mgmcen.ac.in/naac-info.html
Any other relevant information	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	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All 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 with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
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

A. Any 4 or all 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	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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).

Our Institution is dedicated to promote an inclusive environment that celebrates cultural, regional, linguistic, communal, and socio-economic diversity. Various initiatives are undertaken to promote tolerance, harmony, and mutual respect within the campus community.

National festivals such as Independence Day and Republic Day are celebrated with enthusiasm, alongside regional events that showcase diverse heritages. A highlight of our cultural activities is Mrudgandh, an event where students collaboratively represent the vibrant traditions of various Indian states, encouraging linguistic and cultural inclusivity.

Workshops, seminars, and campaigns on social harmony, anti-discrimination, and communal unity reinforce the values of mutual understanding and respect. Linguistic inclusivity is further promoted through multilingual programs and activities, encouraging students to appreciate and celebrate their native languages while accepting others.

The implementation of a uniform dress code symbolizes equality and unity, nurturing a sense of belonging among students from diverse backgrounds. Socio-economic inclusivity is ensured through scholarships, financial aid, and fee concessions for economically disadvantaged students and children of needy faculty members. In several instances, the Institution has provided free education to deserving students, demonstrating its commitment to equal opportunities.

Institution thus nurtures a harmonious and inclusive campus environment that values and respects diversity, ensuring holistic

growth for all stakeholders.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The Institution is committed to sensitize students and employees to their constitutional obligations, promoting a sense of responsibility and respect for the values, rights, duties, and responsibilities enshrined in the Constitution of India. To achieve this, various initiatives and programs are regularly conducted to create awareness and instill civic responsibility among all stakeholders.

One such significant event is the celebration of Constitution Day on November 26th every year. The day is marked with activities such as reading the Preamble of the Constitution and conducting expert lectures on constitutional values and obligations. These sessions provide insights into fundamental rights, directive principles, and the duties of citizens, emphasizing their importance in building a just and equitable society.

The Institution also organizes workshops, seminars, and debates on themes related to democracy, equality, justice, and secularism, encouraging active participation from students and staff. Expert speakers, including legal professionals and academicians, are invited to share their perspectives on constitutional responsibilities and their relevance in contemporary times.

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts A. All of the above

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	View File
Any other relevant information	View File

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

Our Institution actively celebrates National and International Commemorative days, events, and festivals to instill a sense of patriotism, cultural awareness, and global citizenship among students and staff.

National festivals like Independence Day, Republic Day, Gandhi Jayanti, Shiv Jayanti, Dr. Ambedkar Jayanti, Guru Nanak Jayanti, Mahatma Phule Jayanti etc are celebrated with great enthusiasm, emphasizing the importance of unity, democracy, and freedom. These events include Flag Hoisting, Patriotic Speeches and activities like NCC Parade, Blood Donation Camps, Essay Competition, Poster Competition etc to honor the contributions of National leaders.

We also commemorate significant days such as Constitution Day, Teachers' Day, Engineers' Day and National Science Day etc by organizing expert talks, workshops, and student-led initiatives that highlight their relevance and encourage active participation.

International events like World Environment Day, International Yoga Day, and Women's Day are observed to promote awareness and responsibility toward global issues such as sustainability, health, and gender equity. Activities such as Tree Plantations, Yoga

Sessions, and Awareness Campaigns are integral to these observances.

Through these celebrations, the Institution nurtures cultural pride, social harmony, and a sense of global responsibility, creating a vibrant and inclusive environment in the campus.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
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.

Best Practice 1

Title: Promoting Experiential Learning through Industry-Academia Collaboration
Objective: To enhance student employability through hands-on learning and industry exposure by bridging the gap between theoretical knowledge and practical applications.

Practice: The Institution collaborates with industries through an Industry-Institute Interaction Cell (IIIC) and 22 MoUs with organizations like Intel Unnati, Infosys, Springboard and BOSCH etc. These partnerships provide internships, live projects, state-of-the-art Laboratories, and skill-development programs in AI & ML, IoT and Robotics & Automation. **Evidence of Success:** Over 85% of students engage in internships annually, with 70% securing placements.

Impact: This initiative bridges the gap between academia and industry, promoting innovation and making students industry ready.

Best Practice 2

Title: One Alumnus, One Student Mentoring Program
Objective: To prepare students for global challenges by leveraging alumni expertise and nurturing a mentoring culture.

Practice: Alumni mentor students through global trends workshops, guidance for hackathons, industry-readiness projects, and innovation

mentoring, ensuring students stay ahead in AI & ML, IoT and Robotics & Automation. Evidence of Success: Students consistently win hackathons, secure globally competitive placements, and achieve recognition in international conferences and competitions. Impact: The program bridges gap between academic learning and global market needs, promoting adaptability, innovation and enhancing employability.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

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

MGM Institute has a distinctiveness in creating the support system for students, faculty and also for social cause with the involvement of all the elements of the Institution creating a spirit of unity. Financial support is given to faculty and students for health problems and fund raising for social cause is done regularly by MGM's College of Engineering, Nanded. The wards of the diseased faculty members are provided with free education in the Institute and also provided with necessary support for future education, within the country and abroad. The first relations in the family of the diseased staff are provided with suitable employment in the establishment. The concession is provided for the ward of staff proportionate to his/her salary, lower the salary higher is the concession in fees. MGM organizes free Medical camps for patients from nearby villages. Serious patients are taken to MGM Medical Hospital at Mumbai for further treatment. Institute has a MoU with Local Hospital for medical help 24 x 7. Our alumni settled around the world are sending their help, a separate account of which is created; the needy alumni are helped from this account as and when required.

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 Institute is affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere since academic year 2017-2018.

The Academic Calendar of the Institute is prepared by the Director, HODs and Administrative Officer after elaborate discussions before starting of every semester. The Time Table coordinator of each Department prepares the Time-Table for each Class.

HOD allocates subjects to the faculty as per area of specialization and faculty interest. Every faculty member prepares a teaching plan of allotted subjects .

Faculty members maintain course file having - Course Objectives, Course Outcomes, CO-PO Mapping, Individual Time-Table, Teaching Plan, Assignments, Test Marks, University Question Papers, Student Attendance, and Teaching Notes.

Lab Manuals are prepared by faculty for the respective subjects, considering advices given by DAB and PAC. It contains list of experiments, procedure of experiment, sample analysis, expected results of the experiments, etc.

Faculty members adopt innovative teaching practices like ICT based teaching methods, using models and simulations, blogs, video lectures, etc.

Internet facility is available through wired and Wi-Fi networks for the access of e-books, e-journals, e-learning resources such as NPTEL, SWAYAM and Infosys Springboard platform.

Attendance of the students is sent to the parents twice a month through SMS.

Student's feedback is taken to assess the teaching-learning process and corrective measures are taken.

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)

The Academic Calendar of the Institute is prepared in concurrence to the University Calendar by the Director, HODs and Administrative Officer after elaborate discussions. It is then circulated to the Departments. The Time Table coordinator of each Department prepares the Time-Table for each Class and uploads in ERP system.

HOD allocates subjects to the faculty as per area of specialization and faculty interest. This subject allocation is done immediately after the end of previous semester so faculty gets time to prepare for the allotted subject in advance.

Every faculty member prepares a teaching plan of allotted subject in ERP software system. The complete documentation is prepared and maintained in ERP software.

There are two tests and a mid term examination every semester as a part of CIE. The internal exam schedule is the part of academic calendar. Accordingly exam coordinator of each department and central test coordinator prepares time table of periodic test-I, mid semester exam and periodic test-II as per academic calendar of the institute with guidance of Director.

Periodic test-I is conducted on first two modules of course curriculum provided by university, mid semester exam is conducted on first three modules of course curriculum provided by university and periodic test-II is conducted on fourth and fifth modules of course curriculum provided by university.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

<p>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</p>	<p>B. Any 3 of the above</p>								
<table border="1"> <thead> <tr> <th data-bbox="102 651 537 714">File Description</th> <th data-bbox="547 651 1437 714">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="102 714 537 898">Details of participation of teachers in various bodies/activities provided as a response to the metric</td> <td data-bbox="547 714 1437 898" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="102 898 537 960">Any additional information</td> <td data-bbox="547 898 1437 960" style="text-align: center;">No File Uploaded</td> </tr> </tbody> </table>	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			
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								
<p>1.2 - Academic Flexibility</p>									
<p>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</p>									
<p>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</p>									
<p>5</p>									
<table border="1"> <thead> <tr> <th data-bbox="102 1303 537 1366">File Description</th> <th data-bbox="547 1303 1437 1366">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="102 1366 537 1433">Any additional information</td> <td data-bbox="547 1366 1437 1433" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="102 1433 537 1536">Minutes of relevant Academic Council/ BOS meetings</td> <td data-bbox="547 1433 1437 1536" style="text-align: center;">No File Uploaded</td> </tr> <tr> <td data-bbox="102 1536 537 1632">Institutional data in prescribed format (Data Template)</td> <td data-bbox="547 1536 1437 1632" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Minutes of relevant Academic Council/ BOS meetings	No File Uploaded	Institutional data in prescribed format (Data Template)	View File	
File Description	Documents								
Any additional information	View File								
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded								
Institutional data in prescribed format (Data Template)	View File								
<p>1.2.2 - Number of Add on /Certificate programs offered during the year</p>									
<p>1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)</p>									
<p>29</p>									

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
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

891

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

891

File Description	Documents
Any additional information	View File
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

Dr. Babasaheb Ambedkar Technological University, Lonere provides curriculum which covers issues like Professional Ethics, Gender, Human Values, Environment and Sustainability. Following courses are offered in various programs to cover the above issues:

BTES106: Basic Civil and Mechanical Engineering covering environment issues

BTHM401 Universal Human Values covering professional ethics

BTHMC306: Basic Human Rights

BTXX406: Product Design Engineering

BTHM3402: Interpersonal Communication Skills & Self Development

BTHM3402: Soft Skills and Personality Development

BTHM501: Constitution of India

BTMEC605B: Sustainable Development

BTMEC606C: Human Resource Management

In addition to the above courses, the Institute conducts the following activities

The TechLife Club is working for more than 30 years to create awareness among students towards environmental issues. It organizes activities like mountaineering, trekking, tree-plantation, campus cleaning, river cleaning, etc. Girls also actively participate in all the activities of TechLife.

Every year NSS unit organizes Blood donation camp. more than 300 students and staff donate blood every year..

Female students are having a very good representation in sports and cultural activities in the campus. Gender based discrimination has never been experienced in students and staff .

The Institute conducts various activities under Unnat Bharat Abhiyan, such as visiting and/or adopting villages to guide them for solving their different issues related to environment and its sustainability.

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	View File

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

35

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1374

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

A. All of the above

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

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://mgmcen.ac.in/IOAC.html

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 sanctioned seats during the year

408

File Description	Documents
Any additional information	View File
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

98

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

The Institute appoints faculties as mentors with an average ratio of 1:20 students. The mentors hold meetings of their mentees regularly. Through these meetings the students' performance in periodic tests, overall performance in the class rooms and labs is assessed. Accordingly slow learners and advanced learners are traced out. For the slow learners remedial classes of theory subjects are conducted to make their concepts clear. Besides, extra lab sessions are conducted and in addition to this, assignments are provided for more practice and the mentees are directed to contact their respective subject incharges. At the end of the above activities improvement tests are conducted. For the improvement of slow learners, the institute has already included extra lectures in their regular timetable for the difficult subjects such as Engg. Maths, Engg. Mechanics, CPC and EG. Before the start of every unit, the pre-requisites are discussed comprehensively for the better understanding of the slow learners.

For the advanced learners, the Institute provides online and offline learning platforms such as SWAAYAM & NPTEL, MOOCs, lectures, Infosys Spring Board, Infy TQ, Courseera, Internshala, Hackthon, GDSC and TCS ION etc. Also the advanced learners are motivated to participate in various workshops, seminars, expert talks and technical events within and outside the institute. The mentors take enormous efforts for grooming the students to participate in above cited activities.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
1506	81

File Description	Documents
Any additional information	View File

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

At MGM College of Engineering, Nanded, a variety of innovative teaching and learning methods are employed to foster student growth and engagement:

Collaborative Learning: Student work in teams for solving problems, completing projects, engaging in debates, and designing creative products.

Inquiry-Based Learning: Students are encouraged to explore resources beyond the classroom to investigate open-ended problems, promoting critical thinking and independent learning.

Cooperative Learning: Through participation in departmental club activities, students work collaboratively to enhance their learning and assist peers in achieving academic goals.

Problem-Solving-Based Learning: Students participating in projects and competitions are assigned diverse tasks, responsibilities, and assignments to develop problem-solving skills.

Peer-Led Team Learning: Under the guidance of faculty mentors, students take the lead in organizing intra- and inter-college events such as "VisioTech, Ideathon, etc. fostering teamwork and leadership abilities.

Experiential Learning: Faculty members create a dynamic learning environment through experimentation, demonstrations, visual aids, and industrial visits. Field-based experiential learning is enhanced through internships. Community engagement activities such as visits to orphanages, deaf and dumb school, blood donation drives, Swachh Bharat Abhiyan, Unnat Bharat Abhiyan campaigns are also conducted.

Project-Based Learning: First-year students are introduced to PBL, while second-year students complete mini-projects. In the third and fourth years, students undertake mini and major projects as credit-based courses, enabling them to apply theoretical knowledge to practical applications.

File Description	Documents
Upload any additional information	View File
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

Teachers at use various ICT-enabled tools to enrich the teaching and learning experience. ICT tools such as laptops, desktops, LCD projectors, audio-video aids are used by teachers in teaching learning process to make it more interactive and effective.

Google Classroom is used to streamline assignment distribution, quizzes, and study material. This platform allows teachers to manage coursework efficiently. It is convenient for students as well.

Teachers use E-books, E-journals, and digital databases into their teaching practices. These resources provide students with up-to-date knowledge and enhance their understanding of complex topics by offering access to diverse materials beyond conventional textbooks. Library also offers 24*7 access to a wide range of e-resources.

MGMCCEN is a recognized Nodal Center of IIB, Virtual Labs. The facility of virtual laboratories, allow students experiment in a simulated environment, broadening the scope of experimentation and creativity.

MGMCCEN campus is covered with Wi-Fi and LAN based facilities (1Gbps dedicated lease line). ERP is used for saving student attendance, examination performance, teaching plan, Time table etc. Class WhatsApp group is used for discussion and sharing. Animations and simulations are used for demonstration of concepts. Online quizzes and polls are also regularly conducted. Few Teachers have their you tube channel.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

75

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

81

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

24

File Description	Documents
Any additional information	View File
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

1154

File Description	Documents
Any additional information	View File
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.

Internal assessment within examinations serves as a gauge of teaching effectiveness. To ensure transparency in the internal assessment, the internal assessment system is communicated with the students well in time. Faculty meetings convened by the Principal ensure the effective execution of the evaluation process. Continuous evaluation involves Group Discussions, periodic Tests, Assignment Submissions, Field Visits, and Seminar Presentations. Two Periodic Tests and one Mid-Semester test are conducted as per the schedule given in academic calendar. The performance of the students is displayed on the Notice board and communicated to the students in the class. Extra classes are organized for the weak students after their assessment. For transparent and robust internal assessment, the separate committees are form like Internal/External theory/practical Examination Committee, Seminar/Project in-charge, Academic in-charge. The method of internal assessment helps the teachers to

evaluate the students more appropriately, the interest of the student towards learning and attending the classes has been also increased. It has created the interest among the students to take active participation in various co-curricular and extra-curricular activities for their overall personality development. The seminar presentation improves the communication skills of the students which is very essential to face the interviews.

File Description	Documents
Any additional information	View File
Link for additional information	https://mgmcen.ac.in

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

The mechanism for addressing internal examination grievances is transparent, efficient, and time-bound. Students are informed about evaluation procedures and the allocation of marks as per university regulations. Regular meetings, led by the Principal and involving Heads of Departments, class in-charges, and mentors, address evaluation-related matters and changes in regulations.

After internal exams, evaluated answer scripts are distributed to students for review. Any grievances, such as errors in question papers, mark allocation, or corrections, are resolved by the teacher. If unresolved, students can escalate their concerns to the HOD, and reassessment by another teacher may be conducted if necessary. Internal marks are displayed on the notice board, and parents are informed via SMS. Faculty mentors counsel students, and remedial classes are arranged for those who fail. Retests are conducted for students with genuine reasons for missing exams. Marks are entered into the CASERP portal, allowing students to view their performance online.

For external exams, deadlines for revaluation or challenging results are set by the university. This information is communicated through circulars and the college website. The process ensures students can act promptly, reflecting a system that is transparent, fair, and time sensitive for managing grievances.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The following mechanism is followed by the institution to communicate/disseminate PO'S and CO's to the teachers and students.

1. The vision and mission statements of the programs and institute are displayed on the institute website as well as at various key positions in the Institute.

2. POs are printed newsletter and published on the institute's website.

3. The vision, mission and POs are conveyed to the students during students orientation program conducted at the start of each year.

4. Vision, Mission and POs are discussed during parents meet organized by the department once per semester.

5. Every faculty member discusses vision, mission, POs, PSOs and COs at the start of course work in every semester.

6. Head of Department (HoD) discusses vision, mission, PEOs, POs and PSOs with the faculty members in departmental meeting.

7. Vision, mission, PEOs, POs and PSOs of the department are discussed when the alumni visit to institute and during alumni meet conducted once per year.

8. HoD and faculty members discuss vision, mission, PEOs, POs and PSOs with industry experts who visit to the department for conducting seminars, workshops, expert lectures etc.

9: COs are clearly described in the course curriculum as well as are made available for the students in the ERP.

10: Pos and PSOs are also displayed in class rooms

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://mgmcen.ac.in/civil-engineering/profile.aspx
Upload COs for all courses (exemplars from Glossary)	View File

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

To ensure attainment of Pos and Cos, every department has a Program Outcome Assessment Committee (POAC) comprising of Head of the Department and two senior faculties from the department. POAC monitors course and program attainment at the department level.

COs are continuously assessed by the course coordinator by conducting

- Internal examinations throughout the semester,
- Interacting with students in Class and
- Students' performance is assessed while conducting practical's.

The course coordinator is at liberty to take corrective measures while assessing the CO's on continuous basis. POAC also monitors Course attainment on regular basis and issues guidelines to course coordinators for improving course attainment. This has resulted in improvement in performance of students in University examinations.

The institute has set a mechanism to assess the program outcome. Effective assessment uses direct and indirect, quantitative and qualitative measures as appropriate to the objective or outcome being measured. Direct assessment is assessment of actual student work by someone qualified to assess it; indirect assessment refers to assessment techniques like end course surveys, graduate exit surveys etc.

Sr. No

Assessment Tool

Method of assessment

Assessment frequency

Assessing authority

Reviewed by

1

End Course Survey

Indirect

Once in a semester

Faculty and Head

POAC

2

Exit Survey

Indirect

Yearly

Head and Committee

3

External Survey by Examiners

Direct

Yearly

External Examiner

4

Assignment

Direct

Thrice in a semester

Concerned Faculty

5

University Examination

Direct

Twice in a semester

University

Based on all above parameters attainment level of POs/PSOs/COs is assessed

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://mgmcen.ac.in/naac-info.aspx

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

325

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	https://mgmcen.ac.in/naac-info.aspx

2.7 - Student Satisfaction Survey

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

<https://mgmcen.ac.in/pdf/repsonses%2010.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)

19.91

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.barc.gov.in/

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

33

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

13

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

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

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

7

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Details of extension activities conducted by students of our institute are;

Yoga and Meditation Camps on yearly basis. This camp is organized on the occasion of International Yoga Day. Yoga and meditation help improving health and cognitive abilities.

Unnat Bhart Abhiyan - Institute has adopted five villages nearby under this scheme. UBA unit organizes various environmental awareness campaigns and Village health survey are carried out by the students. Students identify issues in these villages and suggest possible solutions and remedies.

NSS Unit - The voluntary organization of student continuously engage various activities such as Swatchhta Abhiyan, Tree Plantation, Blood Donation Camp.

NCC Unit - Institute has its own NCC unit comprising of 40 Male and 40 female students. The aim is to inculcate discipline and physical fitness. On the occasion of Republic Day and Independence Day students perform Parade.

Tech-LIFE - Students club of the Institute organizes the activities related to environmental awareness, trekking expedition, traffic awareness programs, pollution check camps, Nirmalya Sankalan, and eco-friendly Ganpati Making. All such activities help the students to understand nature and their responsibilities towards it.

Orphanage Visit -Students of our Institute visit an orphanage of

girls "Suman Balgruha" every year and distribute daily essentials to them.

File Description	Documents
Paste link for additional information	www.mgmcen.ac.in
Upload any additional information	View File

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

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

8

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - 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

3.3.3.1 - 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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

21

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

11

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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 Institute has a well-planned state of art infrastructure for academic, co-curricular & extracurricular activities. Infrastructural facilities are focused for an effective teaching & learning process. The Institute possesses a well maintained 17.5 Acres of campus, with a nature friendly landscaped area. Total built-up area around 2 Lakh Sq.ft for Instructional, administrative & amenities as per the norms. The plantation done across the campus and Institute has dedicated and well maintained Nursery, garden, lawns with water bodies.

- Classrooms are well furnished and equipped with blackboard, Interactive board, LCD projector along with LAN, facility of smart board , high speed internet, CCTV cameras and with power backup facility.
- There are 23 classrooms & 2 A/c Seminar halls with ICT facilities, 40 Laboratories, common workshop, Central Library with Reading room, Drawing hall, Training & placement office.
- A Well furnished A/c Conference hall with ICT facilities like Projector, White board, advanced sound system and high speed internet.
- There is Open Auditorium with 2000 seating capacity, Playgrounds, Girls common room, boy's hostel with 68 inmates, girl's hostel with 92 inmates and & Clinic/Dispensary and canteen facilities.
- There are domain-centric 40 laboratories. All Laboratories are well furnished and equipped with advanced equipment/Instruments, latest software to impart hands-on

experience to students.

- The instruments like CNC, Robotic arm, 3D printing & Coordinate measurement machine of 1 micron is available.
- The centers of excellence and industry sponsored laboratories are established to meet industry requirement.
- The campus has CCTV and WiFi enabled.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mgmcen.ac.in/classrooms.aspx

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

- The institute focuses on overall development of the students by facilitating them to participate in co-curricular and extra-curricular activities.
- The institute has a playground for various sports activities like cricket, football, basketball, tennis, Volleyball, kabbadi, facilities for Athletic game like Running, Long Jump, High Jump and Jewel in through, disc through, shot put etc. facilities for indoor game like Chess, carom, table tennis etc.
- For indoor games institute shares well maintained Municipal corporation stadium and indoor sports facilities.
- Institute organizes various cultural activities Through Zhankaar Events. Students participate in cultural activities like, Dancing, Singing, Skit competition, Fashion show, etc.
- Girl students are especially encouraged for participation in all sports and cultural activities.
- Open Auditorium & Indoor Auditorium is available for cultural activities
- The students are encouraged to participate in various indoor and outdoor sports and Cultural Activities.
- Various sports competitions are organized within the Institute. Students participate in Inter collegiate, Inter-University, State and National level competitions.
- In the first year students are introduced to various cultural and sports activities including Yoga through Induction program.
- Students take active participation and have won many prizes in Youth Festivals organized by the University.

- Students participate in Yoga activity every year.
- Students also actively participate in various activities like Tree Plantation, Campus cleaning, Social service, Social awareness programs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mgmcen.ac.in/sports.aspx

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

24

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.mgmcen.ac.in/classrooms.aspx
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)

14.78

File Description	Documents
Upload any additional information	View File
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)

The College Library uses SOUL (LMS). It is state-of-the-art integrated library management software designed and developed by the INFLIBNET Centre of UGC based on requirements of college and university libraries. It is a user-friendly software developed to work under client-server environment. The software is compliant to international standards for bibliographic formats, networking and circulation protocols. After a comprehensive study, discussions and deliberations with the senior library professionals of the country, the software was designed to automate all housekeeping operations in the library. The software is suitable not only for the academic libraries, but also for all types and size of libraries. SOUL is Compliant to international standards.

The SOUL consists of 6 modules. Each module has further been divided into sub-modules to cater to its functional requirements. The modules are Acquisition, Catalogue, Circulation, Serial Control, OPAC & Administration. Acquisition module enables library staff to handle all the major functions like order processing, Budgetary control, master file such as vendors, publisher etc. Catalogue module is used for retrospective conversion of library resources. It also facilitates library staff to process the newly acquired library resources. Circulation modules take care of all possible functions of Circulation. OPAC is one of the major attractions of SOUL. The OPAC has simple and advanced search facility with the minimum information for each item including author, title, corporate body, subject class number, accession number etc. It also provides Web OPAC facility.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://mgmnandedlibrary.org/webopac/

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	View File
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)

16.38

File Description	Documents
Any additional information	View File
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

93

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The Institute is having more than 700+ Computers total with continuously upgraded from Intel 386 to i7 configuration. These are connected by fiber optic cables having IBM blade servers with high end application and system softwares. All departments are having their own dedicated computer lab installed with domain specific software such as Oracle, CATIA, ANSYS, CAD, Uni-Graphics, MATLAB, Auto-CAD, Staad-Pro, E-Tabs, PLC Ladder-Logic, HAAS in-built CNC Programming etc. These laboratories are Inter connected with each other through LAN. with CAT6 cable and are Wi-fi enabled. Wi-fi facility is provided all over the campus including Boys hostel, Girls hostel and Canteen. The Central Computing Facility is provided with 60 computers. The Institute provides and encourages the use of free & open source resources like Ubuntu, LaTeX, PHP, JAVA, SQL& C, C++, Python etc.,

The institute is having dedicated 1:1 BSNL leased line since 1995. Currently our lease line bandwidth is 1Gbps on fiber optic cable. Also having 500Mbps Tata leased line as a backup purpose and 100 Mbps two broadband connections.

The institute is having ERP Software (CAS-ERP) for Online Accounting, Student Information, Staff Bio-metric attendance , employee leave management, Budgeting, Financial transactions, students attendance, students marks, students documents, staff documents etc.

The entire network is secured by SOPHOS XG310 Firewall from online threats. All computer systems of the Institute are protected against viruses and malware by SEQRITE End Point Security (EPS) for 600 users with one Master Server and 5 Slave Servers. The 24 port CISCO Switch, POE switch are available.

1

Till 2005

256 Kbps

2

20/12/2005

1 Mbps

3

20/07/2009

4 Mbps

4

20/04/2011

12 Mbps

5

15/12/2012

20 Mbps

6

01/08/2014

34 Mbps

7

01/04/2017

100 Mbps

8

15/06/2023

200 Mbps

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgmcen.ac.in/computer-science-engineering/43/server-room.html

4.3.2 - Number of Computers

703

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)**

281.22

File Description	Documents
Upload any additional information	View File
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.

The campus is surrounded by a compound wall and team of security personnel looks after the overall security. Separate teams take care of building maintenance, electrical maintenance, machine maintenance, housekeeping, water supply and sanitation. These teams are lead by a site engineer. Separate teams for computer maintenance, network maintenance and CCTV cameras installed work with system Administrator and a Network administrator with their staff. The overall building cleanliness including washrooms is done daily with full time staff on roll. for maintenance work institute provided call book to all department, they give call to maintenance department and after approval from the Director the work is done. Departments look after their Classroom, Laboratories and any other maintenance work. The laboratory in charge along with lab assistant will be responsible for the maintenance and calibration of instruments. They report to respective HOD who updates the Director of Institute regarding the same. For library, the Librarian along with other staff, will take care of all books and its stock on regular basis. The experienced sports teacher is appointed to look after the purchase of sports equipment's, its stock and maintenance. The institute is having variety of plantations, Nursery, Garden and lawns. The medicinal plants are also nurtured. The Director involving all undertake initiatives like Tree Plantation, maintaining Lawns, development of Garden & Nursery to improve the overall ambiance

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mgmcen.ac.in/IOAC.html

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	
1120	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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	View File
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	A. All of the above

File Description	Documents
Link to institutional website	https://mgmcen.ac.in/trainingandplacement/training-placement.html
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

92

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

92

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

77

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

7

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	View File
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

8

File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.**

6

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

Student committees/clubs are operational to showcase the student's representation and engagement in various administrative, co-curricular and extracurricular activities:

Students Council:

Students have strong representations in all cultural and sports activities. Major events include Jhankar, Annual Gathering, Udaan Farewell Function, Aarohan, Fresher's Party. A student's council comprising of General, Cultural, Sports, Magazine & Secretaries,

Ladies Representative is formed by a well established process.

Student Clubs:

Departments organize the engineering activities through student clubs. Each club is run by students. Clubs have well defined structure & assigned roles. Computer User Club, Civil Engineering student Association, Electronic and Telecommunication student Association, Mechanical Engineering Students Association and Information Technology students association.

Students T and P Council:

It is students body organizing T and P activities on the campus.

NCC club, NSS Club:

It develops among students a sense of social and civic responsibility

GDSC Club:

GDSC is a community powered by Google. Nagesh Kharat of TY ECT was selected as GDSC Team Lead.

Tech-life Club:

Creates environmental awareness and undertake activities for preserving the natural resources. It is cohesive group of nature loving students.

Unnat Bharat Abhiyaan Cell:

It is formed for flagship programme with intention to enrich rural India.

Students also have representation in IQAC, grievances, etc

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/jhankaar.html
Upload any additional information	View File

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**

14

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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

Name of Trust:- MGM'S COLLEGE OF ENGINEERING ALUMNI ASSOCIATION

SYNERGY NANDED

Registration Number : - F-0023036(NND)

Executive Council :

President :Dr. Geeta S. Lathkar

Vice President 1: Praveen Kawade

Vice President 2 : Tarun Oberio

Vice President (North) : Deepinder Singh

Vice President (South) : B. Vardhraj

Vice President (West) : Mukesh Jain

Vice President (East) : Salringra Momin

Vice President (Overseas) : Mandeep Singh Dhaliwal

Secretary : Dr. Archana Rajurkar

Joint Secretary : Hashmi S.A.

Treasurer : Dr. J. S. Sidhu & Munir Sayyad

Member : Prashant Bhadoria, Ritesh Loya, Rahulsingh Bisen, Shivprasad Titare, Nikhil Dachawar

Institute is functioning since 40 years, almost 10,000 engineers have passed out, performing great in the organizations of repute world over.

The Director works almost since inceptions and faculty having average experience of 25 to 30 years. She was invited to USA by our alumni and International alumni meets were organized at Nanded and Noida.

Launched a group activity of Alumni Interaction as Mentor (AIM) on 2nd October 2016 to provide career guidance.

Alumni contributed Rs.785587/- in 2023-24 to provide financial support to weaker students, critical cases of hospitalization and major incidences.

Alumni are in regular contact though social media groups.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/alumni/registration.html
Upload any additional information	View File

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

A. ? 5Lakhs

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

The empowered team of the Institute comprising of the Governing Council, Director, committee conveners, and staff, ensures that institutional governance is in line with the institute's vision and mission. Various committees look after academic, extracurricular, administrative, sports, and cultural activities, planning and executing initiatives to provide quality engineering education with global norms.

Integrated e-governance is provided for administration, finance, student support, and examination processes, promoting transparency. Seminars, workshops, and industry training foster innovation and entrepreneurship, while interdisciplinary collaborative projects and competitions like Smart India Hackathon to promote a research and development culture.

The institute has a Swayam/NPTEL local chapter, offering self-learning opportunities for students.

Transparent decision-making, policy framing, knowledge sharing, feedback mechanisms, and implementation enhance institutional governance dynamics. Regular socially significant activities instill human values in aspiring engineers, contributing to the holistic development.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/mission-objective.html
Upload any additional information	View File

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

Along with the capable leadership at every level, the Institute promotes and practices decentralization in all academic and administrative activities, it has various academic and administrative committees to plan, execute & monitor smooth functioning of the Institute. The Director with due support of Heads of Departments (HODs) and staff manages institutional

responsibilities comprehensively.

Institutional Budget is prepared by involving all faculty members. Library requirements are looked after by the librarian consulting with HOD and faculty members. Purchase committees are in place involving faculty at all levels. All the material is received and issued by the store section. Various maintenance aspects are looked after by the assigned people.

Numerous committees take care of diverse academic and administrative functions. The Academic cell , Examination Cell, comprising of the Director, all HODs, respective departmental coordinator are responsible for planning and executing academic and examination schedules. Departmental coordinators look after the internal test examinations, ensuring uniform question paper patterns and fair monitoring by an internal vigilance squad.

Answer sheets are returned to students for transparency and to address grievances. This structure promotes accountability and fairness throughout the examination process, reflecting the institute's commitment to effective leadership and transparent governance.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/cells-committees5f13.html?section=CollegeDevelopmentCommittee
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

To enhance institutional functioning, the governing council crafts a strategic plan in alignment with the institute's vision and mission, considering stakeholder expectations and regional needs.

For example, one of the strategic objective focuses on boosting student employability and placement through campus recruitment. This plan involves establishing a Training and Placement (T&P) cell with departmental representation. The T&P cell conducts various skill development programs, including hands-on training and aptitude development to generic skills. The institute provides the opportunities to learn the value addition courses by

providing SWAYAM/NPTEL local chapter and state-of-the-art infrastructure, particularly in laboratories equipped with robotics, 3-D printing, IoT, and AI-ML with regular updating of the laboratories. Students are encouraged and sponsored to participate in various competitions at state and national levels such as Smart India Hackathon, e-Yantra, etc. supported by various collaborations with academia and industry.

Institute has BSNL 1Gbps dedicated Internet leased line connection supported by 500Mbps TATA leased line. Furthermore, the institute subscribes to IEL online, granting students and faculty access to cutting-edge research publications. Regular student feedback is solicited to identify areas for improvement and implement corrective measures.

These efforts have significantly elevated the number of students securing positions in renowned multinational corporations, demonstrating the successful deployment of the strategic plan in achieving its objectives

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://mgmcen.ac.in/default.html
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.

Following AICTE guidelines, the Institute is governed by the apex body, the Governing Council, chaired by the Chairman of the parent Trust, Mahatma Gandhi Mission. The Council includes an appointed member from the fields of industry, technology, or education. The Director of the Institute serves as the Council's secretary and is entrusted with executing their decisions regarding academic, financial, and administrative matters.

The Director delegates authority as necessary to the Vice-Principal and Department Heads to facilitate operations. Each engineering branch is overseen by a separate Department Head. Various committees, such as the Admission Committee, Internal Quality Assurance Cell (IQAC),

Training and Placement Cell, and Grievance Redressal Committee, among others, handle academic, administrative, and extracurricular activities.

All qualifications and experience norms for the appointments and promotions are in accordance with those specified by the statutory authorities. All the vacations and other facilities to the employees are also given according to the norms.

The Institute prioritizes addressing social and personal issues affecting female students and staff through the "Internal Complaint Committee." Adherence to statutory guidelines helps governing, hiring and establishing service procedures for the employees by regulatory authorities. This structured governance framework ensures effective management and compliance with established standards.

File Description	Documents
Paste link for additional information	https://mgmhttps://mgmcen.ac.in/service-rules.html
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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 interfaces	View File
Any additional information	No File Uploaded
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

The institute implements various welfare measures for both teaching and non-teaching staff, adhering to AICTE/UGC guidelines. All applicable leave and vacation benefits are provided, including compensatory off days for postponed public holidays and study leave of up to three years for teachers. Pension benefits encompass gratuities and an employee provident fund scheme. Women faculty members are given maternity leaves and other leaves as per the rules. Medical and other benefits include emergency medical expense coverage, regular health checkup camps, and collaboration with nearby hospitals for affordable and immediate medical care. Concessions and free-ships extend to fee reductions for to the ward of employees . Fee exemptions for students facing financial constraints due to a guardian's demise, and financial aid for faculty members' ward pursuing higher education.

Faculty members are encouraged and sponsored to pursue their higher qualification. Faculty members are generously sponsored for skill development activities such as Faculty Development Programs, conferences, workshops, and seminars. Additionally, there's a group insurance scheme for employees and a credit cooperative society to address their emergency financial needs. These welfare initiatives demonstrate the institute's commitment to enhancing the well-being and overall satisfaction of its staff members.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/service-rules.html
Upload any additional information	View File

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

17	
File Description	Documents
Upload any additional information	View File
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	
0	
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	
39	

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
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 is having performance appraisal system for teaching and non-teaching staff. A self appraisal form contains performance metrics such as Number of courses taught, Number of lectures conducted, examination work (Assessment of examination question papers), number of co-curricular activities organized, research papers published, feedback from the students and other activities. Teaching faculty members fills and submit in self-appraisal form to the director through respective HOD .

These self appraisal forms undergo scrutiny by department heads before submission to the Director. The institute has implemented a robust 360-degree feedback system to comprehensively assess the performance of its teaching faculty and non-teaching staff. This system incorporates feedback from various stakeholders, including peers, superiors, subordinates, and most importantly, students.

Students do the assessments by giving feedback in terms of four-point scale, offer valuable insights into teaching effectiveness and support service quality. Moreover, students evaluate practical sessions, focusing on aspects like experimental setup sequencing and equipment availability, through structured questionnaires. The department head identifies exemplary teachers based on these evaluations, who are then honored at an annual ceremony with medals and books.

This performance appraisal system creates a sense of individual responsibility and accountability among faculty and staff, fostering a culture of excellence and continuous improvement throughout the institute

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/service-rules.html
Upload any additional information	View File

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

The Institute places a strong emphasis on meticulous financial management, taken care by dedicated account section ensuring the integrity and accuracy of financial records. Regular checks and audits, conducted by a chartered accountant appointed by the Governing Council, provide additional layers of checks and accountability. The College Finance Committee plays a pivotal role in the financial decision-making process, assisting in budget creation and closely monitoring monthly expenses and fee collections. This committee ensures adherence to budget provisions, thereby minimizing deviations and promoting financial stability. To maintain financial accuracy, monthly bank reconciliations are performed, while quarterly and annual audits are conducted by the chartered accountant's team. Budget creation for each financial year takes into account various factors such as student enrollment projections, fee income, staff salaries, building maintenance, investments in hardware and software, research and development expenditures, faculty training sponsorships, and library resources.

Any identified flaws or discrepancies highlighted during routine audits are promptly addressed by the Director and accountant, in compliance with recommendations from the chartered accountant's office. This diligent approach to financial management underscores the Institute's commitment to transparency, accountability, and fiscal responsibility, ensuring the sustainable growth and success of the institution.

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/images/department/download-20241911174408.pdf
Upload any additional information	View File

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

As a self-funded, unaided institution, our primary income source is fees collected from students, approved by the Fee Regulatory Authority appointed by the State Government. To ensure smooth operation of our institution and timely salary disbursements, the collected fees are prudently invested in Fixed Deposits (FDs) in banks, and expenditures are managed meticulously within the confines of planned budget. Financial care is at core of our institution's operations, and we employ a multifaceted approach to financial management. This includes establishing a transparent expense system, maximizing the efficient utilization of available funds, and diversifying revenue streams through funded research projects and consultancy services. We are committed to procuring equipment at optimal costs, maximizing the utilization of human resources, and streamlining administrative expenses. Furthermore, we prioritize sustainability initiatives such as energy conservation and digitization to reduce paper consumption and minimize our environmental footprint. These measures not only contribute to cost savings but also align with our institution's

commitment to environmental responsibility. Through these resource optimization strategies, we aim to minimize financial burden on students from our underdeveloped region without compromising on the quality of education and opportunities provided. This approach underscores our commitment to responsible financial management, accessibility, and sustainability in education provision.

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

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

The Internal Quality Assurance Cell (IQAC) has contributed significantly to institutionalizing the quality assurance strategies and processes. As per the academic calendar, there was smooth conduction of offline classes during odd/even semesters with internal and external tests and practical examinations. Organized various online and offline training courses through the Training and Placement cell, like Fundamentals of Basic English, Aptitude & Soft Skills Training with Python, JAVA. Also Additive Manufacturing, and other software courses were offered. This training helped the students for placement, & more than 77 students got placed in various organizations in AY 2023-24. Various webinars in each department on various research topics by alumni and experts were conducted. Encouraged faculty and students to actively participate in various webinars, NPTEL and Swayam Courses, 819 students were registered for various courses, and 92 students got certificates. The conduction of internal academic and administrative audits was done by an internal committee, and an external audit was done by a committee appointed by Dr. BATU, Lonere.

AQAR was prepared and submitted in A.Y. 2022-23. Regular meetings were conducted by IQAC twice a year. Feedback from the students was collected and analyzed by the departments, and it was used for improvements in the teaching-learning process. The OBE system was successfully implemented with the help of supporting software. Institution has applied for accreditation of NAAC-Cycle-2 and NBA in the academic year 2023-24.

File Description	Documents
Paste link for additional information	http://mgmcen.ac.in/docs/AQAR%202022.23.pdf
Upload any additional information	View File

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

IQAC regulates the OBE conduction through PAC and DAB. At the start of the semester PAC reviews the curriculum and associated CO, PSO and PEO framed by the department. PAC also implements the recommendation of DAB.

IQAC has recommended to undertake NPTEL-SWAYAM Courses for faculties and students to improve the knowledge of students and faculties. In AY2023-24, 1582 students enrolled and 819 students registered for various courses out of which 95 students got certificates.

Participative Decision Making is a critical component of every Organization's and departments. Delegation of responsibility leads to better decision-making. Involving faculty members in the decision-making process gives each employee the opportunity to voice their opinions, and to share their knowledge with others. It encourages a strong

File Description	Documents
Paste link for additional information	https://mgmcen.ac.in/mandatory-disclosure.html
Upload any additional information	View File

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

A. All of the above

international agencies (ISO Certification, NBA)	
File Description	Documents
Paste web link of Annual reports of Institution	https://mgmcen.ac.in/docs/AOAR%202022.23.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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	
<p>Our Institution prioritizes gender equity through various initiatives aimed at empowering students and staff. Awareness Programs include gender sensitization workshops, seminars, and guest lectures to promote respect and equality. A notable session, "Managing Academic Pressure and Gender Expectations," was conducted by Dr.Vrushali Kinhalkar, a renowned gynecologist and poet. The talk provided students with strategies to tackle academic stress and gender-specific challenges. Safety and Security are paramount, with a dedicated Internal Complaints Committee (ICC) ensuring a harassment-free environment. Campus security includes 24x7 surveillance, grievance redressal systems, and well-lit pathways, alongside Karate training for girls to boost self-defense skills. Facilities for Women include separate common rooms, sanitary napkin vending machines, and healthcare services. Leadership and Participation are actively promoted, with women encouraged to take leadership roles. The Institution celebrates female leadership of Dr. Geeta S. Lathkar for last 40 years, with women heading Departments, the CASERP Cell, Incubation Center, and Admission Cell. Women also hold equal positions in the Student Council, such as Cultural and Sports Secretaries. Annual events like Mr. Fresher, Miss Fresher, and Mr. MGM, Miss MGM, highlight talent and gender equity, reinforcing the Institution's commitment to gender equality and inclusivity.</p>	

File Description	Documents
Annual gender sensitization action plan	https://mgmcen.ac.in/naac-info.html
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	https://mgmcen.ac.in/naac-info.html

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The Institution is committed to maintain an environment friendly campus through effective waste management systems:

1. Solid Waste Management: Waste is segregated at the source using color-coded bins for biodegradable and non-biodegradable waste. Biodegradable waste is composted on campus and used for landscaping, while non-biodegradable waste is handed over to authorized recycling agencies.

2. Liquid Waste Management: Wastewater is directed to the Municipal Corporation's drainage system for proper treatment and disposal, with regular monitoring to ensure compliance with environmental standards.

3. Biomedical Waste Management: Waste from health camps, such as blood donation drives, is segregated and safely disposed of through the Red Cross agency.

4. E-Waste Management: Electronics waste are collected separately and disposed via certified e-waste recyclers. Awareness campaigns promote responsible e-waste disposal.

5. Waste Recycling System: Paper waste is collected and sold to authorized agencies for recycling. Efforts are made to minimize plastic waste on campus.

6. Hazardous Chemicals Management: Diluted chemical solutions are used in chemistry laboratories to reduce hazardous waste, which is safely disposed through wash basins following safety protocols.

The Institution ensures sustainable practices, promoting a clean and green campus while adhering to environmental standards.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://mgmcen.ac.in/naac-info.html
Any other relevant information	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	View File

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**

A. Any 4 or All of the above

<p>vehicles</p> <p>3. Pedestrian Friendly pathways</p> <p>4. Ban on use of Plastic</p> <p>5. landscaping with trees and plants</p>	
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File
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	A. Any 4 or all of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
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	A. Any 4 or all 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	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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).

Our Institution is dedicated to promote an inclusive environment that celebrates cultural, regional, linguistic, communal, and socio-economic diversity. Various initiatives are undertaken to promote tolerance, harmony, and mutual respect within the campus community.

National festivals such as Independence Day and Republic Day are celebrated with enthusiasm, alongside regional events that showcase diverse heritages. A highlight of our cultural activities is Mrudgandh, an event where students collaboratively represent the vibrant traditions of various Indian states, encouraging linguistic and cultural inclusivity.

Workshops, seminars, and campaigns on social harmony, anti-discrimination, and communal unity reinforce the values of mutual understanding and respect. Linguistic inclusivity is further promoted through multilingual programs and activities, encouraging students to appreciate and celebrate their native languages while accepting others.

The implementation of a uniform dress code symbolizes equality and unity, nurturing a sense of belonging among students from diverse backgrounds. Socio-economic inclusivity is ensured through scholarships, financial aid, and fee concessions for economically disadvantaged students and children of needy faculty members. In several instances, the Institution has provided free education to deserving students, demonstrating its commitment to equal opportunities.

Institution thus nurtures a harmonious and inclusive campus environment that values and respects diversity, ensuring holistic growth for all stakeholders.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The Institution is committed to sensitize students and employees to their constitutional obligations, promoting a sense of responsibility and respect for the values, rights, duties, and responsibilities enshrined in the Constitution of India. To achieve this, various initiatives and programs are regularly conducted to create awareness and instill civic responsibility among all stakeholders.

One such significant event is the celebration of Constitution Day on November 26th every year. The day is marked with activities such as reading the Preamble of the Constitution and conducting expert lectures on constitutional values and obligations. These sessions provide insights into fundamental rights, directive principles, and the duties of citizens, emphasizing their importance in building a just and equitable society.

The Institution also organizes workshops, seminars, and debates on themes related to democracy, equality, justice, and secularism, encouraging active participation from students and staff. Expert speakers, including legal professionals and academicians, are invited to share their perspectives on constitutional responsibilities and their relevance in contemporary times.

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

<p>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</p>	<p>A. All of the above</p>
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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	View File
Any other relevant information	View File

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

Our Institution actively celebrates National and International Commemorative days, events, and festivals to instill a sense of patriotism, cultural awareness, and global citizenship among students and staff.

National festivals like Independence Day, Republic Day, Gandhi Jayanti, Shiv Jayanti, Dr. Ambedkar Jayanti, Guru Nanak Jayanti, Mahatma Phule Jayanti etc are celebrated with great enthusiasm, emphasizing the importance of unity, democracy, and freedom. These events include Flag Hoisting, Patriotic Speeches and activities like NCC Parade, Blood Donation Camps, Essay Competition, Poster Competition etc to honor the contributions of National leaders.

We also commemorate significant days such as Constitution Day, Teachers' Day, Engineers' Day and National Science Day etc by organizing expert talks, workshops, and student-led initiatives that highlight their relevance and encourage active

participation.

International events like World Environment Day, International Yoga Day, and Women's Day are observed to promote awareness and responsibility toward global issues such as sustainability, health, and gender equity. Activities such as Tree Plantations, Yoga Sessions, and Awareness Campaigns are integral to these observances.

Through these celebrations, the Institution nurtures cultural pride, social harmony, and a sense of global responsibility, creating a vibrant and inclusive environment in the campus.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
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.

Best Practice 1

Title: Promoting Experiential Learning through Industry-Academia Collaboration
Objective: To enhance student employability through hands-on learning and industry exposure by bridging the gap between theoretical knowledge and practical applications.

Practice: The Institution collaborates with industries through an Industry-Institute Interaction Cell (IIIC) and 22 MoUs with organizations like Intel Unnati, Infosys, Springboard and BOSCH etc. These partnerships provide internships, live projects, state-of-the-art Laboratories, and skill-development programs in AI & ML, IoT and Robotics & Automation. **Evidence of Success:** Over 85% of students engage in internships annually, with 70% securing placements.

Impact: This initiative bridges the gap between academia and industry, promoting innovation and making students industry

ready.

Best Practice 2

Title: One Alumnus, One Student Mentoring Program **Objective:** To prepare students for global challenges by leveraging alumni expertise and nurturing a mentoring culture.

Practice: Alumni mentor students through global trends workshops, guidance for hackathons, industry-readiness projects, and innovation mentoring, ensuring students stay ahead in AI & ML, IoT and Robotics & Automation. **Evidence of Success:** Students consistently win hackathons, secure globally competitive placements, and achieve recognition in international conferences and competitions. **Impact:** The program bridges gap between academic learning and global market needs, promoting adaptability, innovation and enhancing employability.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

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

MGM Institute has a distinctiveness in creating the support system for students, faculty and also for social cause with the involvement of all the elements of the Institution creating a spirit of unity. Financial support is given to faculty and students for health problems and fund raising for social cause is done regularly by MGM's College of Engineering, Nanded. The wards of the diseased faculty members are provided with free education in the Institute and also provided with necessary support for future education, within the country and abroad. The first relations in the family of the diseased staff are provided with suitable employment in the establishment. The concession is provided for the ward of staff proportionate to his/her salary, lower the salary higher is the concession in fees. MGM organizes free Medical camps for patients from nearby villages. Serious patients are taken to MGM Medical Hospital at Mumbai for further treatment. Institute has a MoU with Local Hospital for medical help 24 x 7. Our alumni settled around the world are sending their help, a separate account of which is created; the needy

alumni are helped from this account as and when required.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The Institution is committed to enhance quality aspects to provide an enriching educational experience. Key initiatives for the upcoming academic year include the modernization of laboratories, empowerment of the Research and Incubation Center, strengthening of sports facilities, and establishment of an Alumni Center.

State-of-the-art equipment and technologies will upgrade laboratories, promoting hands-on, practical learning. Industry collaborations will be strengthened to encourage funded research projects from government and non-government agencies. Workshops, seminars, and mentoring sessions will equip students and faculty with skills to develop impactful, real-world research projects.

An International Conference on Data Analytics and Machine Learning is planned in collaboration with Mysore University, Dr. BAT University, and University of South Dakota and Illinois University, providing a global platform for knowledge exchange.

In alignment with NEP 2020, the Institution will introduce interdisciplinary, project-based learning, skill-based training, and value-added certification courses to enhance employability, with a strong focus on research and innovation.

Sports facilities will be upgraded, including a gymnasium, shooting range, and swimming pool, alongwiththe maintenance of cricket, volleyball, basketball, and athletics grounds.

Additionally, new AI & ML and Automation and Robotics courses, approved by AICTE, will equip students with industry-relevant skills, ensuring they are industry-ready