



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		Madha Engineering College
• Name of the Head of the institution	Dr. R. Ponnusamy	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	04424780732	
• Mobile No:	9176831915	
• Registered e-mail	principal@madhaengineeringcollege.com	
• Alternate e-mail	info@madhaengineeringcollege.com	
• Address	MADHA NAGAR, SOMANGALAM ROAD, KUNDRATHUR	
• City/Town	Chennai	
• State/UT	Tamilnadu	
• Pin Code	600069	
2.Institutional status		
• Affiliated / Constitution Colleges	Affiliated	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status	Self-financing				
• Name of the Affiliating University	Anna University				
• Name of the IQAC Coordinator	Dr. P. Dhasarathan				
• Phone No.	04424780732				
• Alternate phone No.	04424780732				
• Mobile	9843192763				
• IQAC e-mail address	iqac@madhaengineeringcollege.com				
• Alternate e-mail address	pdhasarathan@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.madhaengineeringcollege.com/				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.madhaengineeringcollege.com/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.62	2024	25/01/2024	24/01/2029
6.Date of Establishment of IQAC	02/06/2021				
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
Biotechnology	Student Project scheme	TNSCST	2023	7500
IQAC	Popularization of Science	TNSCST	2023	20000
Institution	Skill Development	DDU-GKY	2023	9865000

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	6		
<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? 	No		
<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)
* Conducted Comprehensive Quality Audit: The IQAC led a thorough quality audit across various academic and administrative processes, ensuring adherence to national standards and identifying areas for improvement.
* Successfully Applied for 2F Accreditation: The institution, under the guidance of IQAC, successfully applied for recognition under

Section 2(f) of the UGC, enhancing the university's academic credibility and eligibility for central funding.

* **Improved Academic Performance:** The IQAC implemented strategic measures that contributed to an increase in overall academic results, reflecting improved teaching methods, student engagement, and support systems.

* **Enhanced Placement Opportunities:** The IQAC facilitated the strengthening of industry-academia linkages, leading to a significant rise in placement opportunities, including a notable increase in high-package job offers for students.

* **Strengthened Student Feedback Mechanisms:** The IQAC further developed and streamlined feedback mechanisms from students and alumni, ensuring that their inputs are systematically used to improve curriculum design and teaching methodologies.

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
Strengthen the alignment of the curriculum with industry needs by organizing regular workshops and interactions with experts from various sectors.	Enhanced teaching methods led to better student performance and academic results.
Promote the adoption of modern teaching tools and methodologies, including e-learning platforms.	Improved industry-academia collaboration resulted in better placement opportunities and high package offers.

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
MEC GOVERNING COUNCIL	09/12/2024

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2024	17/08/2024

15. Multidisciplinary / interdisciplinary

At Madha Engineering College, multidisciplinary and interdisciplinary activities are integrated into the academic framework to foster holistic learning and innovation. These activities encourage students to collaborate across various engineering disciplines, enhancing their problem-solving and critical-thinking skills. The college promotes interdisciplinary learning through project-based assignments where students from different branches, such as Computer Science, Electronics, and Mechanical Engineering, work together on real-world problems, encouraging the exchange of ideas and knowledge. The institution organizes workshops, seminars, and conferences that invite experts from multiple fields, providing students with exposure to diverse concepts and emerging trends. Club activities like the Robotics Club, Coding Club, and Environmental Club bring together students from various disciplines, facilitating interdisciplinary collaboration on projects and initiatives. Additionally, the college encourages industry collaborations and internships across different sectors, allowing students to experience the practical application of their theoretical knowledge in a multidisciplinary context. Events like Hackathons, Innovation Challenges, and Design Competitions further promote teamwork and creativity among students from different engineering streams. By fostering a collaborative learning environment, Madha Engineering College ensures that students are well-prepared to tackle complex, interdisciplinary problems, enhancing their overall academic and professional growth. These activities are supported and monitored through regular audits by the IQAC.

16. Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) is an initiative introduced by the Government of India to promote flexibility and credit-based learning in higher education institutions. It allows students to accumulate credits from various courses across different institutions and universities and store them in a centralized digital platform. This system aims to provide students with the flexibility to choose, combine, and transfer courses based on their interests and career goals. At Madha Engineering College, the implementation of ABC allows students to pursue a diverse range of courses from multiple disciplines, enhancing their learning experience. Students can accumulate credits from courses taken

within the institution as well as from other accredited institutions and online platforms, creating a personalized academic pathway. The credits earned are stored in a digital account, which can be accessed for course transfers or to fulfill degree requirements. This system encourages interdisciplinary learning, skill development, and academic mobility. It also facilitates the recognition of credits earned through online courses, workshops, and other non-traditional learning methods, ensuring that students receive a more comprehensive and flexible education. The institution actively supports the ABC system, guiding students on how to maximize the benefits of credit accumulation and transfer, while ensuring compliance with academic standards and regulations.

17.Skill development:

At Madha Engineering College, skill development is a core focus to ensure students are equipped with both technical and soft skills that are essential for success in the modern workforce. The institution emphasizes holistic skill development through a blend of academic learning, practical exposure, and co-curricular activities. Technical skills are honed through hands-on training, internships, live projects, and participation in workshops and seminars. The college organizes regular industry-oriented training programs and certification courses in emerging technologies such as Artificial Intelligence, Machine Learning, Robotics, and Internet of Things (IoT). These initiatives bridge the gap between theoretical knowledge and industry requirements, ensuring students are job-ready. Soft skills development is equally prioritized, with activities such as personality development sessions, communication workshops, and leadership training programs. The institution also focuses on improving problem-solving abilities through project-based learning, case studies, and group discussions. Additionally, the placement training program equips students with interview preparation, aptitude training, and resume building to enhance their employability. The college also encourages participation in hackathons, coding competitions, and entrepreneurship initiatives, allowing students to apply their skills in real-world scenarios and innovate. By fostering both technical and soft skills, Madha Engineering College ensures students are well-rounded, confident, and ready to succeed in their professional careers.

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

At Madha Engineering College, the integration of the Indian Knowledge System (IKS) is a priority to ensure that students gain a deeper understanding of Indian culture, philosophy, and traditional

knowledge alongside modern education. The institution takes a holistic approach to weave elements of the Indian Knowledge System into the curriculum and teaching practices. Teaching in Indian Languages: Recognizing the importance of regional languages, the college encourages the use of Indian languages for teaching various subjects. Faculty members incorporate local language resources and examples from Indian literature, history, and culture to make the learning experience more inclusive and relatable for students. This helps bridge the gap for students from different linguistic backgrounds and enhances their understanding of Indian perspectives. Incorporating Indian Culture and Heritage: The institution regularly organizes workshops, seminars, and cultural events that explore Indian traditions, philosophy, and indigenous knowledge systems. These activities include discussions on Indian mathematics, architecture, Ayurveda, and ancient scientific achievements, fostering an appreciation of India's rich intellectual heritage. Online Courses and Resources: Madha Engineering College also integrates online courses related to the Indian Knowledge System through platforms like SWAYAM and NPTEL. This integration of the Indian Knowledge System not only enriches students' learning experiences but also instills a sense of pride in their cultural heritage, preparing them to be globally aware and culturally grounded professionals.

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

Madha Engineering College places a strong emphasis on Outcome-Based Education (OBE), which focuses on clearly defined educational outcomes to ensure that students achieve specific knowledge, skills, and competencies by the end of their academic programs. The college follows a systematic approach to align its curriculum, teaching, learning, and assessment methods with the desired program outcomes. Curriculum Design: The curriculum is designed to focus on specific learning outcomes that are mapped to national and global standards. Each course is structured around defined objectives that align with the overall goals of the program. Faculty members ensure that the learning outcomes are measurable and achievable, providing students with a clear path to reach the expected academic and professional milestones. Teaching and Learning: The teaching methods at Madha Engineering College are tailored to ensure that students actively engage in the learning process. The college uses a combination of traditional and innovative teaching techniques, including project-based learning, collaborative learning, hands-on training, and problem-solving activities. These methods help students apply their theoretical knowledge to practical situations, reinforcing their understanding of concepts. Assessment and Evaluation: Continuous

assessment plays a crucial role in OBE. The institution employs a variety of assessment methods such as quizzes, assignments, lab work, projects, and presentations to measure student progress against predefined outcomes. The assessments are aligned with the course objectives, ensuring that students demonstrate their competence in the subject matter. Feedback mechanisms are incorporated to track students' progress and identify areas for improvement. Industry Collaboration: To ensure the relevance of learning outcomes, the college collaborates with industry partners to align the curriculum with current industry trends and practices. This collaboration ensures that graduates are not only academically proficient but also equipped with skills that are in demand in the job market. Through its focus on OBE, Madha Engineering College ensures that its students are well-prepared to meet both academic and professional challenges, fostering their overall growth and success.

20.Distance education/online education:

Madha Engineering College recognizes the diverse learning needs of its students and has implemented a robust system for online education specifically designed to support slow learners during holidays and exam preparation periods. Online Education for Slow Learners: During holidays and breaks, the college offers online remedial classes that focus on reinforcing core concepts and addressing areas where slow learners need additional support. These sessions are designed to cater to individual learning paces, allowing students to revisit difficult topics through recorded lectures, interactive video tutorials, and online assignments. The online platform provides students with easy access to learning materials, enabling them to study at their convenience. Personalized Learning Support: In addition to regular online classes, faculty members provide one-on-one virtual consultations to slow learners, offering personalized guidance and clarifications on specific challenges they face in understanding the subject matter. These consultations are scheduled based on the student's availability, ensuring that they receive dedicated support. Exam Preparation: To help slow learners prepare effectively for exams, the college organizes online test series, mock exams, and practice sessions that simulate real exam conditions. These sessions are tailored to focus on problem-solving techniques, improving time management, and boosting confidence. The online platform also allows students to take quizzes and receive instant feedback, helping them track their progress and identify areas for further improvement. By providing these online learning opportunities, Madha Engineering College ensures that slow learners are well-supported, enabling them to

catch up on their studies and perform effectively during exams.

Extended Profile

1.Programme

1.1	16
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	963
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	399
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	173
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	105
Number of full time teachers during the year	

File Description	Documents
Data Template	View File
3.2 Number of Sanctioned posts during the year	105
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	44
4.2 Total expenditure excluding salary during the year (INR in lakhs)	97.57
4.3 Total number of computers on campus for academic purposes	530
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	
<p>Madha Engineering College, affiliated with Anna University, follows a structured approach to curriculum design and delivery. The University updates the syllabus every four years through expert committees from affiliated institutions.</p> <p>The curriculum is reviewed by a committee to identify gaps, which are addressed through bridge courses, add-on programs, NPTEL courses, seminars, and industrial visits. Faculty members map course competencies before each semester, and the Head of the Department allocates subjects based on faculty preferences. An audit is conducted prior to each semester to ensure readiness, including course logs, content, and study materials.</p> <p>The academic calendar is prepared based on the University's</p>	

schedule, incorporating assessment dates, skill development programs, and co-curricular activities. After approval from the Principal and Director, it is circulated to departments.

Internal assessments follow the University's schedule, with question papers prepared by course experts and reviewed by the IQAC. A centralized exam schedule is communicated to students and faculty. After evaluation, marks are entered into the exam cell, and retests are arranged for students who miss or fail exams. Faculty maintain course files, which are audited periodically by IQAC to ensure transparency and accountability.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.madhaengineeringcollege.com/academic-schedule/

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

Madha Engineering College adheres strictly to the academic calendar, which includes the conduct of Continuous Internal Evaluation (CIE) as per Anna University guidelines. The calendar is prepared at the start of each semester, incorporating key dates for internal assessments, examinations, skill development programs, and other academic events. It is approved by the Principal and Director and circulated to all departments for effective implementation.

The CIE process is integrated into the academic calendar, with assessments scheduled according to the University's prescribed timelines. Question papers are prepared and reviewed by subject experts, finalized and shared with the exam cell at least one week before the exam. The exam schedule is centrally managed and communicated to students and faculty.

After exams, the papers are promptly evaluated, and results are entered into the exam cell. Retests are arranged for students who miss exams or fail due to valid reasons. Faculty maintain up-to-date course files, which are periodically audited by the IQAC to ensure transparency and accountability. This structured adherence to the academic calendar ensures a systematic approach to continuous internal evaluation, fostering academic excellence and timely assessments.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://www.madhaengineeringcollege.com/academic-calender/

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

B. Any 3 of the above

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

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

16

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

805

File Description	Documents
Any additional information	View File
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

805

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

805

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

Integrating Cross-Cutting Issues

Madha Engineering College, affiliated with Anna University, integrates cross-cutting issues like Professional Ethics, Gender Equity, Human Values, and Environmental Sustainability into the curriculum. These topics are reinforced through NSS and skill development programs.

Professional Ethics: Anna University includes Professional Ethics as a core course, promoting values among engineering students. Students engage in event organization, seminars, industrial visits, and conferences to develop professionalism and ethical behavior.

Gender Equity: The institution promotes gender equity through initiatives such as the Women Empowerment Cell, Anti-Ragging Committee, and Anti-Sexual Harassment Cell. Gender balance is maintained in the student council, sports, cultural activities, and mentorship, with separate hostel facilities for both genders.

Human Values: Human values are emphasized through dedicated courses and enhanced by NSS and YRC activities such as cancer awareness, first aid training, voluntary services, and participation in health campaigns. Yoga camps and sapling distribution also promote holistic development.

Environmental Sustainability: Environmental Science and Engineering is part of the curriculum, raising awareness of sustainability. NSS and YRC activities like sapling distribution, clean campus campaigns, and community service projects foster environmental consciousness and active student involvement in sustainability efforts.

File Description	Documents
Any additional information	View File
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

16

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
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

227

File Description	Documents
Any additional information	View File
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	View File
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)	View File

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
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.madhaengineeringcollege.com/feedback/

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

564

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

179

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 institution employs a comprehensive approach to assess and support students at varying learning levels. Regular assessments,

including quizzes, assignments, and diagnostic tests, are conducted to evaluate students' academic progress. For advanced learners, the institution organizes university preparation classes, offering enrichment programs such as workshops, seminars, and research opportunities to deepen subject knowledge. These students are also provided with additional reading materials and access to academic journals to challenge them further. For slow learners, the institution offers coaching classes before each assessment, focusing on difficult concepts and reinforcing foundational skills. These learners also participate in university preparation classes designed to build their basic knowledge and boost exam readiness. Additionally, remedial classes and peer tutoring programs provide extra support, with advanced learners helping slow learners through collaborative learning. Faculty members offer one-on-one attention to slow learners, addressing their specific challenges and improving their academic confidence. The use of digital tools and interactive resources further enhances learning for slow learners. These initiatives are regularly monitored, and feedback is used to refine strategies, ensuring that all students, regardless of their learning pace, receive the support needed to succeed academically.

File Description	Documents
Link for additional Information	https://www.madhaengineeringcollege.com/core-values/
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
973	105

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

Madha Engineering College focuses on enhancing students' learning through effective teaching methodologies like experiential, participative, and problem-solving approaches. Experiential learning

is emphasized through lab-based courses (e.g., Engineering Graphics, AI, Machine Learning) and mandatory internships, mini and major projects, fieldwork, and case studies. Industrial visits, concept-of-the-day activities, class committee meetings, and hands-on training programs further enrich students' learning, all monitored through IQAC audits.

Participative learning is encouraged through active involvement in co-curricular activities, such as national/international conferences, paper publications, NPTEL courses, NSS/YRC, and interdisciplinary club events. This fosters societal responsibility and enhances the learning process.

Problem-solving methods are embedded in the curriculum through tutorial classes, case studies, and problem-solving questions in university exams. The institution organizes University Preparation Classes (UPC) to focus on these areas before model exams. Mini projects, competitive exam coaching, and activities like Hackerrank participation help improve students' problem-solving skills.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.madhaengineeringcollege.com/assessment-partners/

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

Faculty members were motivated to use innovative idea for implementing the better understanding of the students. It was analyzed through IQAC audit. Faculty members using ICT tools (Power point presentation, video animation, Google classroom, google meet, Zoom meeting, Digital library, E-journal facility), role play, student's seminar, quiz program, webinar, guest lectures, practical knowledge through experiments, idea challenge, class room activities etc.,

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.madhaengineeringcollege.com/e-content/

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

65

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

105

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

20

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

516

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

- Conducting two Internal Assessment Tests and one Model Examination as per the academic calendar inculcated with Anna university schedule.
- Instructing the subject experts to prepare question papers (2 sets) as per IQAC.
- Selecting the question paper among 2 set for exam by the committee members IQAC, Principal and Director.
- Preparing the Invigilation duty, Hall, Seating arrangements by the Exam cell.
- Monitoring the conduction of examinations by the committee members.
- Evaluating the papers and updating the marks on time by the course teacher.
- Analyzing the result by the exam cell and circulating to the all department.

- Entering in web portal by the class advisors through the Exam cell after approval and choosing the elective course by the students need to get approval before assessment entry.
- Conducting model practical for the Lab courses by following centralized schedule released by exam cell and entering the model exam marks at web portal by the class advisor.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.madhaengineeringcollege.com/examination-rules-and-regulations/

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

The institution has established a transparent, time-bound, and efficient mechanism to address grievances related to internal examinations, ensuring fairness and accountability in the evaluation process.

Grievance Redressal Mechanism: College has a dedicated Grievance Redressal Committee that handles all internal examination-related issues. This committee comprises senior faculty members and administrative staff who are trained to manage grievances impartially and professionally.

Transparent Process: Procedure for addressing grievances is clear and well-communicated to students. If a student has a concern regarding the evaluation of internal exams, they can submit a formal grievance within a specified time frame, usually within 3 to 5 days of receiving their results.

Time-bound Resolution: The grievance resolution process is time-bound, with clear timelines set for addressing the issue. Once a grievance is raised, the committee ensures that it is resolved within 7 to 10 working days, and the student is promptly notified of the outcome.

Efficient Handling: Mechanism is designed to be efficient, with class committee meeting available for grievance submission, enabling easy tracking of the status. Students can raise issues regarding marks discrepancies, unfair conduct during exams, or errors in the result declaration, and the system ensures quick resolution, with a focus on providing an equitable solution.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://www.madhaengineeringcollege.com/instruction-to-candidates/

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.

Teachers and students at the institution are well-informed about the Programme and Course Outcomes (POs and COs) of the various programs offered. These outcomes are clearly defined and communicated at the outset of each course, ensuring that both faculty and students have a shared understanding of the goals and expectations for learning. Teachers incorporate these outcomes into their teaching methods, assessments, and course materials, while students are encouraged to align their efforts with the intended learning outcomes. This alignment fosters a focused and transparent educational experience, helping students to grasp the relevance and purpose of each course in achieving their academic and professional goals.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.madhaengineeringcollege.com/co-po-attainment/
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.

The attainment of Programme Outcomes (POs) and Course Outcomes (COs) is systematically evaluated by the institution to ensure that educational objectives are being met effectively. Every examination is designed to assess the alignment of course content with the CO-PO mapping, ensuring that the learning objectives are adequately tested and evaluated. This process is closely monitored and audited by the Internal Quality Assurance Cell (IQAC), which ensures that the assessments are rigorous, fair, and aligned with the program's academic goals. Through regular audits and feedback mechanisms, the IQAC helps maintain the quality of education and the continuous

improvement of the institution's teaching and learning processes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.madhaengineeringcollege.com/dept-computer-intro/

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

145

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	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://www.madhaengineeringcollege.com/feedback/>

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)

98

File Description	Documents
Any additional information	No File Uploaded
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

2

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	www.tanscst.tn.gov.in/myweb/uploads/2024/09/SPS-Result-2023-24.pdf

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

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**

17

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

As part of its commitment to holistic development and social responsibility, Madha Engineering College organized extension activities in the neighborhood community of Somangalam village. These activities aimed at sensitizing students to pressing social issues, fostering their awareness, and contributing positively to society.

Activities Conducted**1. Health Awareness Campaigns: 4**

- To promote awareness about health and hygiene among the villagers, emphasizing preventive care, balanced

nutrition, and the importance of regular medical check-ups.

- Discussions on personal hygiene and sanitation.
 - Free health check-up camps for the villagers.
 - Distribution of pamphlets on healthy lifestyle tips.

2. Swachh Bharat Campaigns: 3

To support the Swachh Bharat Abhiyan mission by encouraging cleanliness and waste management in the community. Installation of dustbins at key locations in the village. Awareness sessions on segregating biodegradable and non-biodegradable waste.

- Cleanliness drives across public spaces in Somangalam.

The extension activities conducted by Madha Engineering College had a significant impact on both the students and the community:

- **Community Benefits:**
 - Enhanced health awareness among the residents.
 - Improved cleanliness and sanitation practices in the village.

- **Student Development:**
 - Increased understanding of social responsibilities.
 - Practical exposure to organizing and implementing community outreach programs.

File Description	Documents
Paste link for additional information	https://www.madhaengineeringcollege.com/nss-yc-ncc/
Upload any additional information	No File Uploaded

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

File Description	Documents
Any additional information	No File Uploaded
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

18

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

824

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
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**

3

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	No File Uploaded

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**

92

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The institution has built a reputation with a well-maintained infrastructure which creates the teaching-learning process more successful. The essential standards and norms are framed to obey the rules and regulations of regulatory members like AICTE, Anna University, etc. Which includes the human strength of faculty, technical, and administrative members. The campus contains high-

standard classrooms with adequate ventilation, smart classrooms, a seminar hall, library, various laboratories, an auditorium, GD room, board room, and interview panel rooms. The institution has conducted undergraduate and postgraduate programs throughout 10.1 acres in a green and peaceful environment. The campus has a well-planned infrastructure incorporating 24 ICT-enabled classrooms and 20 normal classrooms, 33 laboratories, 2 seminar halls, one mini-auditorium, one auditorium, one library, one drawing hall, one board room, one GD room, and one interview panel room. The computing facilities (510 computers) are functioning in this institution. The whole college has networked with internet connectivity for 24/7 with a bandwidth of 60 Mbps and about 20 Wi-Fi points. Data Centre is facilitated with Firewall server. Separate hostel with Wi-Fi facilities are available for both the boys and girls. RO water facilities are available for all the students to ensure a healthy environment of the students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.madhaengineeringcollege.com/infrastructure/

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

Madha Engineering College is well-equipped with facilities to support cultural activities, sports, and fitness, ensuring the holistic development of its students. The campus includes a spacious 60 x 40 indoor games area, catering to various recreational and competitive activities. Additionally, a dedicated 20 x 40 yoga center provides a serene space for students to practice mindfulness and physical well-being. The college also boasts a modern gymnasium with state-of-the-art equipment, promoting a healthy and active lifestyle among its community. These facilities reflect the institution's commitment to fostering both physical and mental wellness alongside academic excellence.

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

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

26

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

26

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

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

24.9

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

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The library has been rebuilt with different facilities like books that contain the various departments, story books to motivate and encourage the students reading interest, e- learning resources with internet facilities, and reading rooms. The available e-resources are DELNET, J-GATE for e-books and e-journals, OPAC to maintain the database, NDL remote access, NPTEL, Egyankosh,

Springer, and Elsevier access, etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.madhaengineeringcollege.com/central-library/

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

B. Any 3 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)

4.16

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

127

File Description	Documents
Any additional information	No File Uploaded
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 whole college has networked with internet connectivity for 24/7 with a bandwidth of 60 Mbps and about 20 Wi-Fi points. Data Centre is facilitated with Firewall server. Separate hostel with Wi-Fi facilities are available for both the boys and girls.

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

4.3.2 - Number of Computers

530

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

4.3.3 - Bandwidth of internet connection in the Institution

C.10 - 30MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**72.71**

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

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

The institution has built a reputation with a well-maintained infrastructure which creates the teaching-learning process more successful. The essential standards and norms are framed to obey the rules and regulations of regulatory members like AICTE, Anna University, etc. Which includes the human strength of faculty, technical, and administrative members. The campus contains high-standard classrooms with adequate ventilation, smart classrooms, a seminar hall, library, various laboratories, an auditorium, GD room, board room, and interview panel rooms.

GYM To develop physical fitness for the students our college is furnished with gym facilities through which many students developed their physical fitness and many new modern types of equipment are used by the students which enable them to participate in external events within the state/ outside the state. YOGA As part of mental development Yoga sessions are arranged for the students delivered by expert yoga trainers. Students are motivated to perform during Independence Day

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support	
5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year	
580	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File
5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year	
5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year	
214	
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://www.madhaengineeringcollege.com/training-programs/
Any additional information	No File Uploaded
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

252

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

72

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

121

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

1

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

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

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

examinations) during the year

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.**

32

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

Students are encouraged to take part in a range of academic and non-academic committees and bodies within the institution. This ensures that their perspectives and suggestions are integrated into decision-making processes. Key committees with student representation include:

- **Academic Council:** Students from each department are appointed as representatives, providing feedback on curriculum, teaching methodologies, and learning resources.
- **Disciplinary Committee:** The committee includes student members

who help in maintaining discipline and ensuring adherence to college policies and regulations.

- **Cultural Committee:** A student-run body that oversees and organizes cultural activities, workshops, and events, facilitating the expression of creativity and talents.
- **Sports Committee:** Student representatives are involved in planning, organizing, and coordinating sports activities, tournaments, and fitness programs.
- **Placement and Training Committee:** Students actively participate in placement drives, workshops, and internship programs, ensuring the college's connection with potential recruiters.

In addition to academics

- **Technical Fests:** Students are involved in organizing and participating in technical events, workshops, and seminars, enhancing their practical knowledge and skills.
- **Clubs and Associations:** Students are members of various clubs such as the Environmental Club, Literary Club, Coding Club, Music and Dance Club, etc. These clubs organize activities related to their respective fields, providing students opportunities to develop their interests

File Description	Documents
Paste link for additional information	https://www.madhaengineeringcollege.com/nss-yc-ncc/
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

17

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

Madha Engineering College has a strong and active Alumni Association that plays a crucial role in the development of the institution. The association's contributions, both financial and in terms of support services, have made a significant impact on the college's growth and success. The Alumni Association is committed to fostering a lifelong relationship between the institution and its graduates, while simultaneously working towards the advancement of the college and its student body.

Alumni play a key role in facilitating internship opportunities and job placements for current students.

Alumni who are professionals in their respective fields frequently visit the college to conduct guest lectures, workshops, and seminars.

Alumni engage in mentorship programs, providing career advice, guidance, and emotional support to current students.

The association organizes an annual alumni reunion, where past and present students of the college come together to celebrate their achievements, reconnect with old friends, and discuss future opportunities for collaboration.

Alumni working in relevant industries often provide feedback on the curriculum, helping align it with current industry trends.

Many alumni are actively involved in initiatives focused on

environmental sustainability and social responsibility.

File Description	Documents
Paste link for additional information	https://www.facebook.com/madhaengineeringcollege/posts/pfbid0gLq58SAVJDRoyzeUxmYYTFaANdmtKkz2bvgsokW9R0cArDPZGwdRd5XFS0BN7UQpl
Upload any additional information	No File Uploaded

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of Madha Engineering College is designed to align with and reflect the institution's vision and mission. It is committed to fostering an environment that emphasizes excellence in teaching, learning, and research. The governance structure ensures that all decisions and policies are in tune with the core objectives of developing a highly skilled workforce, promoting ethical values, and adhering to international standards. The leadership focuses on transparency, accountability, and continuous improvement to uphold the institution's commitment to academic and professional growth. By embracing these principles, the governance ensures that the vision of creating a globally competent and ethically driven workforce is realized.

File Description	Documents
Paste link for additional information	https://www.madhaengineeringcollege.com/chairman-message/
Upload any additional information	View File

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

The effective leadership at Madha Engineering College is evident in its various institutional practices, particularly through decentralization and participative management. The leadership fosters a collaborative and inclusive environment where decision-making is shared across multiple levels, empowering faculty, staff, and students to contribute to the institution's growth. By promoting decentralization, the college ensures that different departments and units have the autonomy to make decisions that best suit their needs while staying aligned with the institution's overarching goals. Participative management encourages active involvement from all stakeholders, leading to a sense of ownership, responsibility, and collective effort in achieving the institution's vision and mission. This approach not only enhances the quality of education and administration but also nurtures a culture of innovation, accountability, and continuous improvement.

File Description	Documents
Paste link for additional information	https://www.madhaengineeringcollege.com/principal-message/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Madha Engineering College effectively deploys its Institutional Strategic/Perspective Plan through a well-structured and systematic approach. The plan is designed to align with the institution's long-term goals of academic excellence, research innovation, and the development of a skilled workforce. The leadership ensures the active implementation of the plan by setting clear objectives, allocating necessary resources, and monitoring progress regularly. Each department and unit is engaged in aligning their activities with the strategic priorities, ensuring a cohesive effort towards achieving the college's vision and mission. Feedback mechanisms, periodic assessments, and performance evaluations are integrated into the deployment process, enabling continuous improvements and timely adjustments. This comprehensive approach ensures that the strategic plan is effectively translated into actionable outcomes, driving the institution's growth and maintaining its commitment to international standards and ethical principles.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.madhaengineeringcollege.com/accr/education/
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.

At Madha Engineering College, the functioning of institutional bodies is characterized by effectiveness and efficiency, which is evident through the well-established policies, streamlined administrative setup, and clear appointment and service rules. These frameworks are designed to ensure smooth operations and accountability at all levels of management.

The college has a robust administrative structure that is responsible for overseeing academic and non-academic functions. The administrative body is equipped with skilled personnel who ensure that institutional operations are conducted in accordance with established policies. The appointment and service rules are designed to maintain transparency and fairness, promoting a healthy working environment for faculty and staff.

The decision-making processes are guided by clearly defined procedures that involve all relevant stakeholders. This includes committees for academic planning, faculty development, student welfare, and other essential functions. These committees are instrumental in the effective governance of the institution, ensuring that both short-term and long-term goals are met efficiently.

Overall, the administrative setup at Madha Engineering College fosters a collaborative environment, where transparency, accountability, and continuous improvement are prioritized to provide the best educational experience for students and a supportive work atmosphere for staff and faculty.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://www.madhaengineeringcollege.com/council-members/
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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
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

Madha Engineering College is committed to the welfare and well-being of its teaching and non-teaching staff, recognizing that their satisfaction and professional development are essential for the overall success of the institution. The college has implemented a range of effective welfare measures to ensure a conducive working environment, job satisfaction, and work-life balance for all staff members.

For teaching staff, the institution offers various opportunities for professional growth, including faculty development programs, workshops, and seminars aimed at enhancing teaching skills, research capabilities, and academic knowledge. Regular performance appraisals and feedback mechanisms help identify areas for improvement and provide support for career advancement. The college also facilitates access to research grants and encourages faculty participation in

national and international conferences. Additionally, a supportive mentoring system is in place to guide newer faculty members in their professional journey.

Non-teaching staff members also benefit from welfare initiatives that include regular training programs to enhance their skills, promoting efficiency and job satisfaction. The institution ensures that non-teaching staff members have a well-defined career progression path and opportunities for professional development. A healthy work environment is fostered through measures such as job security, transparent administrative processes, and opportunities for regular feedback.

File Description	Documents
Paste link for additional information	Nil
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

16

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

7

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	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Madha Engineering College has a comprehensive and well-structured Performance Appraisal System in place for both teaching and non-teaching staff. This system is designed to evaluate the effectiveness of staff members, encourage continuous professional development, and ensure the achievement of institutional goals. The performance appraisal system is transparent, objective, and aligned

with the college's mission.

1. **Self-Assessment:** Faculty members are required to submit a self-assessment report, reflecting on their teaching performance, research activities, professional development, and contributions to the institution.
2. **Student Feedback:** An important component of the appraisal process is gathering feedback from students regarding the effectiveness of teaching methods, faculty approachability, and the overall learning experience.
3. **Peer Review:** The institution encourages peer reviews among faculty members. Senior colleagues or department heads assess the teaching effectiveness, content delivery, and engagement in academic and co-curricular activities.
4. **Faculty members are evaluated on their research output, such as published papers, research projects, conference participation, and contribution to academic innovation.**
5. **Administrative and Co-curricular Contributions:** Faculty involvement in academic committees, student mentoring, departmental activities, and administrative responsibilities are also considered during the appraisal process.
6. **Professional Development:** Participation in workshops, seminars, and conferences aimed at improving teaching skills and professional expertise is an essential criterion for performance evaluation.

File Description	Documents
Paste link for additional information	Nil
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

Madha Engineering College conducts both internal and external financial audits regularly to ensure transparency, accountability, and proper financial management. These audits are critical in identifying financial discrepancies, improving institutional governance, and ensuring compliance with regulatory requirements.

Internal Financial Audits:

1. **Annual Internal Audit:** Conducted by the internal audit team, this audit focuses on reviewing financial transactions, budgets, and accounting records. It ensures that funds are utilized efficiently and in compliance with institutional policies.
2. **Departmental Audits:** Specific audits are conducted for each department to review how allocated budgets are managed and spent, ensuring adherence to financial norms.
3. **Expenditure Audits:** Regular reviews of operational expenditures, including procurement and service contracts, to ensure proper allocation and utilization of resources.

External Financial Audits:

1. **Statutory Audit:** An external audit is carried out annually by a certified external auditor to ensure compliance with tax laws, financial regulations, and statutory obligations.

File Description	Documents
Paste link for additional information	Nil
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)

0.2

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	View File
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

Madha Engineering College adopts effective institutional strategies for the mobilization of funds and the optimal utilization of resources to ensure sustainable growth, enhance academic quality, and meet the evolving needs of the institution.

- 1. Government Grants and Funding:** The college actively seeks funding from government bodies such as the University Grants Commission (UGC), All India Council for Technical Education (AICTE), and state government schemes. These funds support infrastructure development, faculty training, research activities, and student welfare initiatives.
- 2. Industry Collaborations and Sponsorships:** The college establishes partnerships with industry leaders and organizations for collaborative projects, research, internships, and training programs.
- 3. Alumni Contributions:** The college actively engages with its alumni network, encouraging financial contributions for scholarships, infrastructure development, and other institutional needs. Alumni donations are utilized to enhance facilities and support students in need.
- 4. Fee Collection and Financial Planning:** The college ensures timely and efficient fee collection, which is a primary source of funding. A well-planned financial management system ensures that these funds are allocated to meet operational expenses and long-term institutional goals.

Madha Engineering College effectively mobilizes funds from multiple sources and optimizes resource utilization, ensuring the institution's financial health and academic excellence in the long run.

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

1. The IQAC has developed and successfully implemented a comprehensive quality assurance framework that aligns with national and international standards.
2. Regular monitoring and evaluation of academic and administrative processes have been instituted by the IQAC. Through periodic reviews, the IQAC ensures that the college adheres to established policies, procedures, and best practices, making certain that the goals of quality education are met.
3. The IQAC fosters a culture of quality by engaging faculty, staff, and students in discussions on quality standards and encouraging them to participate in quality enhancement activities.
4. The IQAC has institutionalized robust feedback mechanisms, where students, faculty, and other stakeholders regularly provide feedback on various academic and administrative aspects.
5. The IQAC plays a central role in preparing the institution for accreditation processes such as those conducted by the NBA, NAAC.
6. The IQAC has been instrumental in promoting faculty and staff development through various programs, including workshops, seminars, and training on pedagogy, research, technology integration, and administrative processes.
7. The IQAC focuses on improving the quality of teaching and learning by implementing innovative teaching methodologies,

encouraging research-based learning, and integrating technology into the curriculum.

8. The IQAC uses data-driven decision-making to guide institutional improvements.

File Description	Documents
Paste link for additional information	Nil
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

- **Monitoring and Evaluation:** The institution continually tracks the academic performance of students through internal assessments, exams, and projects. The results are reviewed by the IQAC to evaluate the effectiveness of the teaching-learning process and make necessary improvements. Specific focus is given to student progression, graduation rates, and placement outcomes.
- **Outcome-Based Education (OBE):** The college aligns its teaching and learning processes with Outcome-Based Education (OBE) principles. The IQAC ensures that the intended learning outcomes for each course are clearly defined, assessed, and achieved. Regular assessments of student learning outcomes help in measuring the effectiveness of the curriculum and teaching methodologies.
- **Action Plans and Improvement:** Based on the periodic reviews, the IQAC formulates action plans for improving teaching methodologies, course content, and student outcomes. These plans are implemented with the involvement of faculty and departments, and incremental improvements are recorded and tracked over time.

File Description	Documents
Paste link for additional information	Nil
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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	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

Madha Engineering College has made significant strides in promoting gender equity through its various initiatives, policies, and support systems. By focusing on education, empowerment, safety, and equal opportunities, the institution creates a nurturing and inclusive environment where both male and female students can thrive. The establishment of the Women's Empowerment Cell, anti-sexual harassment policies, gender sensitization programs, scholarships, and counseling services all contribute to fostering an environment that promotes equality and mutual respect.

These initiatives ensure that all students, regardless of their

gender, can access the same opportunities, pursue their academic and professional goals, and feel safe and supported within the college. Through these efforts, Madha Engineering College continues to contribute to the broader goal of achieving gender equality, both within the institution and in society at large.

File Description	Documents
Annual gender sensitization action plan	https://www.madhaengineeringcollege.com/women-empowerment-cell/
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://www.madhaengineeringcollege.com/policy/

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Madha Engineering College, located in Chennai, prioritizes sustainable environmental practices and has established a comprehensive waste management system across various categories to maintain cleanliness and promote eco-friendly practices.

Solid Waste Management: The college ensures segregation of biodegradable and non-biodegradable waste at source. Dedicated bins are placed throughout the campus to facilitate the segregation process. The biodegradable waste is composted, while non-biodegradable waste is sent for recycling.

Liquid Waste Management: The institution has a well-maintained STP that treats the wastewater generated on campus.

Biomedical Waste Management: The college follows strict protocols for handling biomedical waste generated from its laboratories and health centers. It is segregated into color-coded bins and safely disposed of through authorized agencies.

E-Waste Management: The college has an e-waste disposal system in place, where old electronics like computers, phones, and batteries are collected and sent to certified e-waste recycling vendors.

Waste Recycling System: A robust recycling system is in place for paper, plastics, and metals. Recyclable materials are collected and sent to recycling units to minimize the environmental impact.

Hazardous Chemicals and Radioactive Waste Management: The college follows safety disposal of hazardous chemicals, particularly in the laboratory settings, ensuring safe storage, neutralization, and disposal through authorized agencies.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Nil
Any other relevant information	No File Uploaded

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

<p>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</p> <ol style="list-style-type: none"> 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 	<p>A. Any 4 or All of the above</p>										
<table border="1"> <thead> <tr> <th data-bbox="76 564 550 631">File Description</th> <th data-bbox="557 564 1476 631">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 640 550 734">Geo tagged photos / videos of the facilities</td> <td data-bbox="557 640 1476 734" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="76 743 550 801">Any other relevant documents</td> <td data-bbox="557 743 1476 801" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Geo tagged photos / videos of the facilities	View File	Any other relevant documents	View File					
File Description	Documents										
Geo tagged photos / videos of the facilities	View File										
Any other relevant documents	View File										
<p>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</p>											
<p>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</p>	<p>A. Any 4 or all of the above</p>										
<table border="1"> <thead> <tr> <th data-bbox="76 1169 550 1236">File Description</th> <th data-bbox="557 1169 1476 1236">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 1245 550 1379">Reports on environment and energy audits submitted by the auditing agency</td> <td data-bbox="557 1245 1476 1379" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="76 1388 550 1482">Certification by the auditing agency</td> <td data-bbox="557 1388 1476 1482" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="76 1491 550 1585">Certificates of the awards received</td> <td data-bbox="557 1491 1476 1585" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="76 1594 550 1653">Any other relevant information</td> <td data-bbox="557 1594 1476 1653" style="text-align: center;">View File</td> </tr> </tbody> </table>	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	
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Certification by the auditing agency	View File										
Certificates of the awards received	View File										
Any other relevant information	View File										
<p>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.</p>	<p>A. Any 4 or all of the above</p>										

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
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).

Madha Engineering College is committed to fostering an inclusive environment that celebrates diversity and promotes tolerance and harmony across cultural, regional, linguistic, communal, and socioeconomic backgrounds.

1. Cultural Celebrations and Events:

The college regularly organizes cultural events and festivals that highlight the diverse traditions and customs of different regions and communities. These events, such as Diwali, Pongal, EID and Christmas, allow students from varied backgrounds to showcase their cultural heritage, promoting mutual respect and understanding.

2. Student Support Systems:

Madha Engineering College offers counseling services to support students from diverse socioeconomic and cultural backgrounds, helping them adapt to campus life and manage any challenges they face. These services aim to reduce barriers related to language, cultural differences, and economic disparities.

3. Inclusivity in Academics:

The institution ensures equal access to educational resources and opportunities for students from various backgrounds, with no discrimination based on language, region, or socioeconomic status.

Scholarships, financial aid, and mentorship programs are available to ensure that all students, irrespective of their background, can excel.

4. Gender, Cultural, and Linguistic Sensitization:

Regular workshops and seminars promote tolerance and understanding of diverse cultures, languages, and communities, ensuring a respectful and inclusive atmosphere on campus.

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

Madha Engineering College actively promotes the sensitization of students and employees to their constitutional obligations, emphasizing the core values, rights, duties, and responsibilities of citizens. The institution incorporates various strategies to instill a deep understanding of these principles, ensuring that students and staff are well-informed about their roles as responsible citizens.

The college conducts regular orientation programs for new students, where the importance of constitutional values like justice, equality, liberty, and fraternity is highlighted. These sessions focus on educating students about their fundamental rights, such as the right to equality, freedom of speech, and the right to education, along with their duties, including respecting the rights of others, upholding the law, and contributing to the welfare of society. Workshops and seminars on Indian Constitution and national values are regularly organized for both students and staff. The college observes Constitution Day (November 26) to honor the adoption of the Constitution of India. The college integrates human rights education into its curriculum and extracurricular activities, raising awareness about social justice, equity, and inclusiveness. The college encourages students and staff to actively participate in social and community welfare activities, such as blood donation drives, environmental campaigns, and volunteering programs.

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 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

A. All of the above

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

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

Madha Engineering College actively celebrates and organizes a variety of national and international commemorative days, events, and festivals to promote cultural awareness, national integration, and global harmony. These celebrations serve to educate students about significant historical events, promote social responsibility, and foster a sense of unity among diverse groups. Below are some of the key days, events, and festivals celebrated at the institution:

College observes Republic Day to honor the adoption of the Indian Constitution. The event includes flag hoisting, cultural performances, and speeches by faculty members and students highlighting the importance of the Constitution, democracy, and

national pride. Independence Day is celebrated with great enthusiasm, marked by flag hoisting, patriotic songs, and cultural performances. The event also includes speeches emphasizing the significance of freedom, unity, and the sacrifices made by freedom fighters. The college celebrates Constitution Day, Gandhi Jayanti, World Environment Day, International Yoga Day, National Science Day, Pongal, Christmas etc

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	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.

Madha Engineering College has successfully implemented several best practices to enhance the quality of education and the overall development of students. Two of the prominent best practices that align with the NAAC format are as follows:

Best Practice 1: Industry-Academia Collaboration for Skill Development

Madha Engineering College has established strong collaborations with industries across various sectors to facilitate internships, industrial visits, and training sessions. The college regularly invites industry experts for guest lectures, webinars, and workshops on the latest trends and technologies. These sessions help students stay up-to-date with current industry practices and develop relevant skills. This initiative has enhanced the employability of students, provided them with practical exposure to industry challenges, and significantly improved their confidence and problem-solving skills. The close association with industry experts also ensures that the curriculum remains aligned with industry standards.

Best Practice 2: Comprehensive Student Counseling and Mentoring System

The college has developed a structured Mentoring and Counseling

System where each student is assigned a faculty mentor who provides academic and personal guidance throughout the course. The mentors closely track the progress of students, identify areas for improvement, and offer support in managing academic stress, career choices, and personal issues.

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

One of the key areas of priority at Madha Engineering College is Industry-Academia Collaboration, which significantly enhances the institution's focus on bridging the gap between theoretical learning and real-world application. The college has made remarkable strides in this area by fostering strong partnerships with industry leaders and organizations across various sectors, ensuring that students are equipped with practical skills, hands-on experience, and exposure to industry trends.

The institution's approach includes providing internships, industrial visits, and live projects, where students can work on current challenges faced by industries. Collaborations with companies in the fields of software development, engineering, electronics, and manufacturing offer students invaluable exposure to cutting-edge technologies and best practices. Additionally, the college organizes workshops, training sessions, and guest lectures conducted by industry professionals, which helps students stay up-to-date with industry advancements.

This emphasis on industry exposure has significantly enhanced the employability of Madha Engineering College graduates. Students are not only better prepared for the job market but also gain a deeper understanding of practical applications in their respective fields. The institution's focus on industry-driven education makes it distinctive in its commitment to providing students with the tools and opportunities needed for success in their careers.

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

Madha Engineering College is committed to enhancing its academic standards, and as part of this commitment, the institution plans to focus on achieving NBA Accreditation and strengthening its Autonomous Status in the upcoming academic year. These steps will help align the institution with national standards of quality education and provide greater flexibility in designing curriculum and programs that meet the needs of the industry and society. Below is a detailed plan of action for pursuing NBA Accreditation and reinforcing the benefits of being Autonomous.

By focusing on obtaining NBA Accreditation and strengthening its Autonomous Status, Madha Engineering College aims to provide high-quality education, foster innovation, and produce graduates who are not only academically excellent but also equipped with the necessary skills to thrive in the industry. These strategic initiatives will help the institution enhance its global standing, meet the expectations of stakeholders, and contribute positively to the national education ecosystem.