YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	**Malnad College of Engineering**
• Name of the Head of the institution	**Dr A J Krishnaiah**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**9448427496**
• Alternate phone No.	**08172245317**
• Mobile No. (Principal)	**9448427496**
• Registered e-mail ID (Principal)	**office@mcehassan.ac.in**
• Address	**Salagame Road**
• City/Town	**Hassan**
• State/UT	**Karnataka**
• Pin Code	**573202**

2.Institutional status

• Autonomous Status (Provide the date of conferment of Autonomy)	**20/12/2007**
• Type of Institution	**Co-education**
• Location	**Urban**

- Financial Status   **Grants-in aid**

- Name of the IQAC Co-ordinator/Director   **Dr. Y. M. Shashidhara**

- Phone No.   **9341967755**

- Mobile No: **9341967755**

- IQAC e-mail ID   **iqac@mcehassan.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   www.mcehassan.ac.in

4.Was the Academic Calendar prepared for that year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://www.mcehassan.ac.in/assets/files/1693820207.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.53	2018	03/07/2018	02/07/2023
Cycle 2	A	3.20	2024	30/05/2024	29/05/2029

6.Date of Establishment of IQAC   **16/03/2018**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr.Madhu P	International Research Grant	BRAWIJAYA UNIVERSITY	16/11/2023	10.63
Dr Triveni C L	EQUITY Project	SERB, New Delhi	05/01/2024	23.01

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI   View File

9.No. of IQAC meetings held during the year   **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year?   **No**

- If yes, mention the amount

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

1.Data collection and submission of Self Study Report (SSR) to NAAC. 2.Successful completion of NAAC Peer Team visit and award of "A" grade from NAAC, Bangalore 3.Successfully completion of NBA team visit to the institution for five programs and all are got accredited 4.Internal and external academic and administrative audit completed for 2023-24 5.Initiative for quality improvements in teaching, learning and evaluation process

12.Plan of action chalked out by IQAC at 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
Collaborations with International Universities	MoU for the acdemics and reserach is made with Westren Sydney University, Australia. The process is in pipeleine with Copper Belt University, Zambia
Introduction of new courses	Post graduation course in Artificial Inteligence and Data Science
Curriculum framing focusing more on skill development	To enhance skill-based training for the students, many courses in different programs are embedded with laboratory components. The students are trained both in theory as well as practical sessions under these courses. This approach has helped the students to understand and learn the concepts comprehensively.

13.Was the AQAR placed before the statutory body?   No

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
IQAC	16/12/2024

14.Was the institutional data submitted to AISHE ?   Yes

- Year

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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
IQAC	16/12/2024

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2024	03/04/2024

15.Multidisciplinary / interdisciplinary

The institute offers open electives in the specific domain through its various departments. Students across all programs choose their interested elective courses and able to successfully gain the knowledge in the multidisciplinary domain. Students are also encouraged to attend/ participate workshops/seminars in different domains. Furthermore, students are carrying out multidisciplinary projects in all the programs, which help them to expose for various domains. Hackathons are regularly being organized by the institute and the students of all disciplines are participating in the event in large numbers. Inter-departmental teams successfully accomplished interdisciplinary projects sponsored by state level innovation programs and national-level multidisciplinary competition projects like SAE India BAJA, REEV etc.

16.Academic bank of credits (ABC):

Malnad College of Engineering has registered in the portal of National Academic Depository (NAD) for ABC upload process. The officials from office of student affairs, educating the students to create the ABC IDs and about the initiative. A circular highlighting the importance of ABC and procedure for creating ABC IDs was issued to all the departments. The faculty advisors have been educated by the Heads of the Departments to guide the students to create the ABC IDs. The respective faculty advisors have conducted the sessions to educate the students to create the ABC IDs. The office of examination, has prepared the template of grade card and the credit data to upload the same in the NAD portal. Currently, the institute is uploading the credit data of the students from 2021 admission batch and the process is in progress.

17.Skill development:

Significant emphasis has been placed on skill development through the curriculum and extracurricular activities. Each discipline has incorporated 2-3 skill enhancement courses into their program structure. Additionally, every course now includes 1-2 activities specifically designed to improve students' practical skills. To further encourage skill development, the weightage for activities in each course was increased from 10 to 20 marks. Faculty members were tasked with discussing and designing skill-focused activities for their respective courses, with a particular emphasis on translating theoretical knowledge into practical application. Faculty members individually, offering guidance to refine these planned activities. This collaborative process resulted in the development of effective, skill-oriented

activities, which are now being successfully implemented across courses to enhance student learning. Under the Skill India initiative, MCE has established the Pradhan Mantri Kaushal Kendra, a center operating under the National Skill Development Corporation. The center offers training programs in diverse job roles such as Battery System Repair Technician, Drone Manufacturing and Assembly Technician, Bridal, Fashion, and Portfolio Makeup Artist, and Social Media Influencer. These programs are available to undergraduate students and others in the college's surrounding community.

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

The curriculum emphasis on Indian languages, particularly Kannada. In the first year, two courses are specifically designed to teach all students in the local language, Kannada. Students from out of the state and have not studied Kannada during primary and high schools, learn the course of Balake Kannada, to create the awareness regarding the necessity of learning local language. However, students, who learnt Kannada language during schooling, enroll for Samskruthika Kannad, to gain higher proficiency in Kannada Language. Good number of workshops and seminars are being conducted for the faculty and students on Yoga, Ayurveda, Vedic Mathematics, ancient Metallurgy and so on to impart the knowledge under the banner of Indian knowledge system. Further, a course on universal Human values is part of the curriculum. The course focuses more on making students to realize the importance of human values and ways to imbibe

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

The institute implemented Outcome-Based Education (OBE) effectively. The course outcomes and their mapping are regularly revisited multiple times by each department, ensuring continuous refinement. Notable improvements are observed in both the delivery and assessment methods across courses. Faculty members are adopting diverse teaching strategies, supplementing traditional chalk-and-board and PowerPoint presentations with innovative methods such as case studies, real-life examples, role-playing, crafted stories, demonstrations, use of props and tools, and more. The quality of question papers has also improved, with a focus on questions at higher levels of Bloom's Taxonomy. Additionally, problem-based learning and project-based learning have become integral to the curriculum. New assessment methods are being explored, including open-book exams and flipped classrooms. The analysis of Course Outcome (CO) attainment is

conducted systematically and used to enhance teaching and assessment strategies for subsequent years. Slow learners are being mentored both by faculty & peers. Efforts are in place to conduct remedial classes. Fast learners are encouraged to attend technical event, publish their work in conferences, etc. using other methods.

20.Distance education/online education:

MOOCs have been integrated into the curriculum, requiring every student to complete two SWAYAM courses before graduation. Each department announces a list of recommended SWAYAM courses, and students are encouraged to explore subjects from diverse domains, such as management and foreign languages. Completion of these courses includes passing a proctored examination, which is mandatory for the award of the degree. Consequently, all students successfully complete at least two SWAYAM courses during their program. Additionally, some course faculty encourage students to pursue MOOCs as part of their coursework, further enriching their learning experience. This initiative has not only enhanced students' knowledge but has also strengthened their resumes and improved their performance during interviews. Faculty are actively completing MOOC courses, significantly enhancing their knowledge, teaching methods, and assessment strategies. They are effectively incorporating this knowledge into their course delivery and evaluation. Faculty are also encouraged to undertake MOOCs on academic leadership, Outcome-Based Education (OBE), and related topics, which has proven beneficial for administrative tasks and NBA accreditation processes.

Extended Profile

1.Programme

1.1   13

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1   3704

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **837**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **7199**

Number of students who appeared for the examinations
conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1   **222**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.2   **187**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**13**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**3704**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**837**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**7199**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**222**

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.2 Number of full-time teachers during the year:	**187**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	**213**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**571**
4.2 Total number of Classrooms and Seminar halls	**55**
4.3 Total number of computers on campus for academic purposes	**1063**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**828.80**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum is meticulously revised every year through regular meetings of the Board of Studies (BoS),Industrial Advisory Board andAcademic Council,Each department's BoS, comprising experienced academicians from premier institutes, industry experts, and distinguished alumni, collaborates to design the syllabi. This diverse composition ensures that the curriculum equips students with a robust knowledge base and

keeps them abreast of cutting-edge industry technologies.

The curriculum development process aligns with the twelve Program Outcomes (POs) outlined by the National Board of Accreditation (NBA). For each program, Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) are clearly defined. At the course level, Course Outcomes (COs) are established, and their attainment, along with that of POs, arerigorously evaluated at the end of the course. Based on these evaluations, necessary measures are implemented to enhance outcomes.In addition to fostering skills to meet global standards, the curriculum addresses local and regional relevance. Courses such as Balake Kannada and Samskrithika Kannada are mandated to preserve and promote cultural heritage. Furthermore, students are encouraged to undertake projects that address societal challenges in their local communities.The institute's autonomous status provides the academic flexibility to introduce advanced courses in line with emerging trends. This ensures that students are well-prepared to face professional challenges and adapt to evolving industry demands.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.mcehassan.ac.in/home/Syllabus/Mechanical-Engineering

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

13

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

200

File Description	Documents
Curriculum / Syllabus of such courses	[View File]
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File]
MoUs with relevant organizations for these courses, if any	[View File]
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

28

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File]
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	[View File]

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

248

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File]
Any additional information	[View File]
List of Add on /Certificate programs (Data Template)	[View File]

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

By fostering an environment that supports the teaching-learning

process and upholds professional and ethical values in all institutional endeavors, Maland College of Engineering (MCE) Hassan hopes to generate socially conscious professionals. Additionally, by adding courses that highlight the importance of human values in engineering practices. MCE incorporated sustainability into engineering education in a more thorough manner. MCE promotes the practice of instilling a professional code of ethics in all of its graduates by having them complete the required courses over the course of eight semesters. In order to experience work ethics and gain exposure to a professional setting prior to graduation, students are encouraged to participate in internships during their final year. MCE has worked to create value-based education in a number of ways to enhance physical health, life force strength, mental wellness, and individual

MCE organizes programs to inculcate human values in students and staff which includes periodic Blood Donation Camp, arrangement of social and cultural activities in the college and adopted village by NSS unit and under Unnath Bharath Abhiyan scheme.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	[View File](#)
Any additional information	**No File Uploaded**

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

5

File Description	Documents
List of value-added courses	[View File](#)
Brochure or any other document relating to value-added courses	[View File](#)
Any additional information	**No File Uploaded**

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

383

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

969

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.mcehassan.ac.in/feedback.php
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	**B. Feedback collected, analysed and action taken**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.mcehassan.ac.in/feedback.php
Any additional information	**No File Uploaded**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

895

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

424

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Faculties of MCE have implemented the Outcome-Based Education (OBE) in their teaching and assessment practices. The concepts of OBE are prominently displayed in classrooms and staff rooms to ensure that both faculty and students are well-informed. Each question in the continuous internal evaluations and semester-end examinations is aligned with Bloom's Taxonomy, with faculty members ensuring that the questions are set at higher levels of cognitive complexity. Each course incorporates various activities designed to enhance students' learning abilities and skills. The quality of internal test papers and activities serves as a reliable measure of students' learning outcomes.

For students who require additional support, peer mentoring and remedial classes are provided. Group study sessions are also organized for lower semester classes, which have demonstrated a significant positive impact. Faculty mentors and course

instructors make concerted efforts to offer maximum assistance to these students. Advanced learners are encouraged to tackle more complex problems and engage in research-oriented projects, as well as to publish their findings in conferences and journals. They are also motivated to participate in both national and international events and to enroll in online courses offered by various organizations.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1kbnoQ7nFrbFgDRm4lRlm85Rv_9RQyAyq/view?usp=sharing

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2023	3209	187

File Description	Documents
Upload 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:

The program's curriculum is structured to incorporate laboratory sessions alongside theoretical courses, enhancing the overall learning experience (Experiential Learning). Each program includes both mini and major projects that students are required to complete. These projects address real-world challenges that necessitate the application of theoretical concepts learned in the course. Students are expected to undertake two to three mini projects, as well as a major project during their undergraduate studies. Most of these projects focus on genuine issues faced by industry or society. Industry and academic experts guide students in addressing these challenges through project work. Additionally, students participate in internships within the industry, where they acquire knowledge, understand practical applications, and develop skills necessary for problem-solving.

Students are assigned group projects, which facilitate peer learning and the enhancement of leadership abilities. This collaborative approach also aids in the development of interpersonal skills through Participative Learning. Students are also encouraged to participate in the workshop/training programs conducted under their domain.

Problem-Solving Methodologies - A significant portion of both internal assessments and final examinations consists of questions that require application-level responses, thereby strengthening students' problem-solving capabilities. The assignments also feature numerous tasks focused on problem-solving.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://drive.google.com/file/d/1jTUnWnlL Hu1k_WniIfSCvLTUX3rC_XPn/view?usp=sharing

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The institution employs Information and Communication Technology (ICT) to enhance e-learning alongside traditional teaching methods, ensuring effective educational experiences. Faculty members utilize PowerPoint presentations during instruction, leveraging laptops, personal computers, LCD screens, and projectors. All classrooms and laboratories are outfitted with computers and projectors, while certain departments feature classrooms equipped with interactive boards. The campus provides free internet access via LAN and Wi-Fi, allowing both faculty and students to utilize a range of e-learning resources, including e-books and both open-access and subscription-based journals. Faculty members conduct online quizzes and polls for students using platforms such as Google Forms or MS Teams. A well-equipped seminar hall, featuring a projector and interactive board, is available for online workshops and expert talks aimed at both faculty and students. Recorded video lectures are accessible to students for future reference. Various software tools are employed to enhance the teaching and learning process, including simulation software to improve understanding of system operations. Additionally, the institute is equipped with other ICT tools such as digital cameras,

photocopiers, scanners, and printers to support effective teaching and learning.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.mcehassan.ac.in/home/Learning-Resources/Mechanical-Engineering
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

186

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

An Academic Calendar is developed each semester before classes begin by a committee that includes the Principal, Dean of Academics, and Dean of Examinations. This calendar is distributed to all departments and is created in accordance with the regulations of the respective programs, taking into account the required number of working days and assessments for both theoretical and laboratory courses. It outlines the start date for each program, as well as the schedule for the three Continuous Internal Evaluation Tests, the final working day, and the dates for Semester End Exams (SEE), which encompass both practical and theoretical assessments. Additionally, the reopening date for the subsequent semester is included.

The teaching plans are prepared by the individual faculty before the starting of the classes. It is ensured in the plan that the complete syllabus of a course is covered in that semester. The faculty has to enter the lesson plan in the CONTINEO package and percentage coverage of syllabus during every academic year.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

187

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	[View File](#)

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

80

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2199

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

5.5

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

170

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Regular examination procedures, as specified in the Institution's examination manual, are strictly adhered to. This includes the implementation of Continuous Internal Evaluation by the respective departments, following the timetable provided by the Dean, Examination Office. The Semester End Examination is organized centrally by the Office of the Dean, Examinations. Examination officials are appointed by the Principal in collaboration with the Dean, Examinations. Additionally, the Dean, Examinations office oversees the evaluation of answer scripts, the announcement of results, and the issuance of credentials. A solution has been established to automate the processes related to calculating student eligibility after the faculty inputs Continuous Internal Evaluation marks and attendance. This system also manages the printing of hall tickets, seating arrangements, answer script coding, evaluation

reports post de-coding, result announcements, detailed student history reports, grade card generation, transcripts, and provisional degree certificates. The Continuous Internal Evaluation entry portal has been tailored to accommodate different types of assessments, allowing faculty to select the appropriate assessment type from an available menu, thereby ensuring autonomy in the Continuous Internal Evaluation process.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://192.168.10.100/sims/index.php

2.6 - Student Performance and Learning Outcomes

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

Program outcomes and course outcomes are documented in the handbook and syllabus distribution to ensure effective communication with students. During the initial class of each course, the course instructor will emphasize the significance of course outcomes (COs), program outcomes (POs), and the alignment of COs with POs. The program outcomes and program-specific outcomes (PSOs) are prominently displayed on the college website, in classrooms, laboratories, the Head of Department's office, and the department library, facilitating communication with students, faculty, parents, and other stakeholders. Discussions regarding program outcomes, PSOs, and course outcomes take place during departmental meetings. Additionally, these outcomes are conveyed to faculty members through faculty development programs (FDPs) and expert talks. Furthermore, COs and POs are incorporated into the question papers for Continuous Internal Examinations and Semester End Examinations. Course outcomes are regularly updated in response to syllabus revisions and feedback from both internal and external course experts, with the latest information reflected in the handbook and on the website.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	https://www.mcehassan.ac.in/home/Programmes/Civil-Engineering

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The curriculum is crafted with careful consideration of all Program Outcomes (POs) and Program Specific Outcomes (PSOs), ensuring a robust alignment with each PO. Course Outcomes (COs) are articulated in relation to the competencies students are expected to acquire upon course completion. These COs are subsequently aligned with the POs and PSOs. The assessment of the COs for a course is conducted through two primary methods: Direct Assessment Tools, which include Continuous Internal Evaluation (CIE) and Semester End Examination (SEE), and an Indirect Assessment Tool provided by the Course End Survey. Upon completion of the course, the COs for all courses within that semester are aggregated. A qualitative evaluation of CO attainment is performed by the course instructor, who documents observations, actions taken, and recommendations as part of the CO analysis. For graduating cohorts, the POs and PSOs are derived from the CO assessments of all courses linked to a specific PO or PSO, supplemented by the Exit Survey. The department conducts a comprehensive analysis of these attainment levels, identifying areas of weakness in achieving the POs and PSOs, and formulates a detailed action plan to enhance the attainment of these outcomes.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

837

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<u>View File</u>
Upload any additional information	<u>View File</u>
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.mcehassan.ac.in/feedback.php

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The purpose of the Research Policy is to create a vibrant atmosphere of research among Faculty members and Researchers in Malnad College of Engineering. The policy shall serve as an overall framework within which research activities are carried out with the following guidelines.

- **Faculty members of Malnad College of Engineering and research departments are expected to undertake research, leading to quality publications, presentations in National/International conferences of repute, generation of Intellectual property with potential for commercialization, socially useful outcome and other similar research activity.**

- **Research output will be considered as one of the criteria for faculty recruitment and promotion along with other academic responsibilities.**

- **Overall management of research activities may be coordinated by Research and Development Cell of Malnad**

College of Engineering.

- It is expected that each member involved in research – Faculty, Researchers and Postgraduate Researchers - will adhere to highest ethical standards of conduct. Highest ethical standards of conduct include data integrity, adhering to ethical guidelines, given from time to time for carrying out research. Ethics committee, on instruction of Principal, will carry out inquiry when academic dishonesty is reported against an individual/group. Suitable disciplinary action may be initiated, if found guilty, against such individual/group.
- To enhance quality research output, student mentorship/internship shall be facilitated to encourage undergraduate/postgraduate students to pursue research activities leading to tangible output.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/files/RESEARCH/RESEARCH%20PROMOTION%20POLICY.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3.80

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

16

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

33.63

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

02

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/files/RESEARCH/Research%20center.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

54

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

02

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Office of the Dean for Research at the institutional level has been established to foster research and innovation among faculty and students. This center facilitates collaborative and

complementary research initiatives across various departments. It organizes regular review meetings and provides guidance on writing project proposals and scientific papers, ultimately leading to publication and the identification of research outcomes for patent applications. The labs focus on areas such as Automation, Artificial Intelligence and Machine Learning, Data Science, Visual Information Systems and Learning, manufacturing and structural analysis. Multidisciplinary student groups engage in engineering projects within these labs, progressing from concept development to prototype design. Each lab is overseen by a faculty member and supported by skilled technical staff who ensure that students effectively conduct their research. The Malnad Enclave for Research, Innovation, Incubation, Startup, and Entrepreneurship (MERIISE) plays a crucial role in cultivating an ecosystem that promotes innovation and entrepreneurship. The center organizes startup awareness initiatives, including workshops, idea competitions, and visits to innovation center labs throughout the year. Students are encouraged to actively participate in events and competitions organized by the center.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.meriise.org/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

22

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory	A. All of the above

Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

66

File Description	Documents
URL to the research page on HEI website	https://www.mcehassan.ac.in/home/Researchs
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

143

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

21

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

458

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

72

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

25.26

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

02

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The students at the institute demonstrate a strong motivation to participate in the National Service Scheme (NSS),Youth Red Cross and various student forums and clubs. Their engagement in programs, organized by these different entities fosters their involvement in extension and outreach initiatives. The institute has taken the initiative to adopt five villages as part of the Unnath Bharat Abhiyan (UBA) scheme established by the Government of India. The NSS Unit of MCE has been proactive in organizing numerous plantation and cleanliness drives, as well as volunteering activities in collaboration with NGOs. The students

have shown remarkable commitment by volunteering for all events and executing their responsibilities with great diligence. By participating in the college-led drives, these students have embraced their role as responsible citizens, contributing to the cleanliness of their nation. Additionally, various volunteering opportunities have been provided, allowing students to dedicate their weekends to teaching and community development activities for children through the SoUL Team. The ECO club is dedicated to addressing environmental challenges. All extension activities conducted by the institute are inherently linked to the moral responsibilities of an exemplary citizen, thereby setting a praiseworthy routine for its students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mcehassan.ac.in/home/National-Service-Scheme

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

05

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

31

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1650

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

2

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

25

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

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 equipments, etc.

Malnad College of Engineering has adequate infrastructure as per

the requirements of AICTE and other governing bodies. More than 62 classroom for teaching and learning are dedicated. The classes are equipped with ICT driven systems and the systems are connected with high-speed internet connectivity, so that the teachers are able to demonstrate online digital materials for comprehensive teaching. All the laboratories of the various department are well equipped and with state of art technology. The equipments in the labs/workshops are being used for conduction of experiments for the students and being used for the consultancy works. For instance, CNC Centre in Mechanical Engineering, material Testing equipments in Civil Engineering department and Emission equipments in Automobile Engineering departments are being used for consultancy work. The institute has more than 1100 computers for both laboratory and research computing operations. Most of the systems are state of art configuration to cater to the need of the program syllabi. Adequate number of models are also be used for comprehensive teaching.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mcehassan.ac.in/home/Facilities/Computer-Science-and-Engineering

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

The institute supports the holistic development of students. Equal attention is given to both academics and extra-curricular activities. All round events include physical sporting events. The college has enough platforms to play games such as soccer, volleyball, hockey, basketball, cricket and so on . A well-designed Indore shuttle court, a well-equipped gymnasium and a well-maintained swimming pool are some of the top sports facilities of the institute. A dedicated yoga centre, Divya Chaitanya, caters to students' meditation and yoga practice. There are two temples at the centre for prayer and meditation. Regular yoga classes take place in the mornings and there are facilities for musical studies, with students encouraged to form college band teams. A special auditorium is provided for cultural events during the course.

More than twelve clubs such as Literary club, Eco club,

Technical club, Leo Club, Rotract Club, Science Association, SoUL Team, SAE Club, IUCEE, Devops club, etc. are actively involved in conducting various co curriculum activities. Students in the campus are enthusiastically participating in the events conducted by these clubs.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mcehassan.ac.in/home/Sports

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

55

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

262.85

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

The Library is well equipped with unique features and world - class infrastructure to support and encourage scholarly

communication and professional development. With the state-of-the-art technology, the users can access the print, digital and visual resources online throughout the campus. The central library is fully computerized and well equipped with resources in the form of books, journals, CD-ROMs, on-line databases, etc. Open Access System is being followed to access the books and journals.

The library is fully automated with ILMS software, "easylib" with the version 6.4 a (Cloud). It has different modules like acquisition, Circulation, Communication module, Display Boards, In-Out Management, OPAC Setup, Periodicals, Registration Module, Reports, Security Modules and so on to utilize the library resources in the best possible way.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mcehassan.ac.in/home/Library

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

31.42

File Description	Documents
Audited statements of accounts	[View File](#)
Any additional information	[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 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

20

File Description	Documents
Upload details of library usage by teachers and students	**No File Uploaded**
Any additional information	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The Network Centre of MCE oversees the Campus Wide Networking (CWN) infrastructure of the institution, ensuring comprehensive network connectivity across the campus. Presently, the CWN comprises two redundant, high-end carrier-class core switches and thirty five access switches. The connection between the core switches and access switches is facilitated through a multimode fiber optic backbone. The intranet's existing bandwidth is 750 MBPS, while the institution is equipped with a redundant internet link of 1000 mbps to fulfill the campus's internet needs. The institute has established a private cloud within a virtualized environment utilizing servers, supported by a fiber storage area network to address the computing demands of the campus. The campus intranet enables seamless access to e-journals, online lecture streaming, and various application software. Furthermore, the Network Centre manages the institution's email and web servers. The campus is also enhanced by mobility-aware wireless connectivity, accommodating the wireless network-enabled devices for both of faculty and students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglc lefindmkaj/https://www.mcehassan.ac.in/as sets/images/network/NCC%20IT%20Policy.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3209	1363

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	C. Any two of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

758.34

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

The college has a distinct wing responsible for the upkeep of physical facilities, including buildings, electrical systems, water supply, sanitation, and housekeeping. A specialized office, Estate engineering, oversees the maintenance of buildings, including repairs and renovations. The electrical engineering division is tasked with the upkeep of electrical equipment and accessories throughout the campus. Continuous monitoring and repair of water supply lines fall under the purview of the estate engineering office.

The housekeeping department is responsible for the daily cleaning of classrooms, departmental areas, roads, and the college landscape. Sanitary cleaning services are outsourced to ensure the maintenance of restrooms and washing facilities.

Each department is accountable for the upkeep of its respective laboratories. Laboratory equipment is properly maintained, calibrated, and serviced on a regular basis. Software licenses are renewed in accordance with their respective periods. Laboratory in-charges conduct daily checks on the operational status of equipment and systems. Guidelines and a list of experiments are prominently displayed in all laboratories. A dedicated technical team manages the maintenance of all computers within the college.

The library crew is responsible for the issuance of books and the cleanliness of the library area. Additionally, a physical director is assigned to oversee the management and maintenance of sports equipment.Further,The estate office team supervises the maintenance of potable water supply, solid waste management,

sewage disposal, chemical waste handling, e-waste disposal, and other essential facilities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/departments/IQAC/aqardocuments/2019-20_4_4_2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1240

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

1126

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene)	A. All of the above

| **Awareness of Trends in Technology** | |

File Description	Documents
Link to Institutional website	https://www.mcehassan.ac.in/home/Soft-Skill-Social-Skill
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

915

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

101

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

5.2.2 - Number of outgoing students progressing to higher education

30

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

11

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

10

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

A boy and girl students are selected for each class as representatives. They will serve as the Single Point of Contact (SPOC) and play a crucial role in voicing their class's concerns on various matters. Additionally, for each program of study, a male and female student are appointed as branch representatives. These representatives will constitute the college Student Council, which is tasked with addressing significant issues related to sports, culture, hostels, extracurricular, and co-curricular activities, as well as organizing events within the college.

Each class is supported by a class committee that includes all course faculty and four student members. Meetings of the class committee are convened two to three times per semester to deliberate on academic and other student-related matters. Faculty members and the head of the department endeavor to resolve all issues brought forth by the student representatives.

Furthermore, the college appoints a student representative to each department's Board of Studies. and the academic council of the college A final-year student will serve on the Board of Studies committee to provide feedback and suggestions regarding the curriculum, course content, and assessments. The presidents of all clubs are invited to participate in discussions, as these

clubs foster technical, literary, and cultural activities on campus. Additionally, a dedicated cultural club exists within the college to organize cultural events and support cultural teams in participating in intercollegiate competitions.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mcehassan.ac.in/home/Academic-Council

5.3.3 - Number of sports and cultural events / competitions organised by the institution

186

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Malnad Alumni Association (MAA)was formed during mid eighties and started with one chapter at Bangalore. The Executive Council has formulated the objectives and activities of the association, which include both short term and long-term goals of the association. It has also formulated the Constitution of the MCE Alumni Association along with bylaws for its effectiveness and sustainability. Our alumni network is very strong and the bonding between the alumni and the institution is reflected in various scholarships instituted by the alumni groups given to the students studying in the college and children studying anywhere, who are from economically weaker families.

A group of alumni have started funding and mentoring innovative projects carried out by the students. This has further strengthened the bond between the alumni and the college. Recently an alumni tower is proposed to be constructed in front

of the library. Being a multi crore project, it will have a
seminar hall, auditorium and few commercial components in it.

Regular annual alumni meet titled "NENAPINA DONI" is organized
every and huge number of alumni gathers and interacts with the
final and pre final year students. This helps the students to
know about the current industry needs and prepare themselves for
placements. Many alumni have initiated campus placements and are
successful in bringing the companies for campus hiring.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[www.mcealumni.in](#)

5.4.2 - Alumni's financial contribution during the year	B. 10 Lakhs - 15 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The institute's administration is managed by the Board of
Governors, which is established in accordance with statutory
regulations. Meetings of the governing body are held regularly
and conducted transparently. Members of the governing body are
actively contributing to the institution's academic advancement
and development. Staff representation is made in the governing
body and they are able to express their innovative ideas to
improve the academic and administrative standards. The Board of
Governors is responsible for approving the vision and mission,
short-term and long-term objectives and strategic plans. Budget
for the academics and administrative activities for the year is
also approved annually. Board of governor ensures that decisions
regarding admissions, new programs, infrastructure, teaching and
learning processes, and placements are made with the
institution's core interests in mind. Regular audits of both
academic and administrative functions are performed. Faculty

members play a significant role in the decision-making process. Heads of Departments and senior academic and administrative personnel are implemented on rotation basis. An effective and inclusive decision-making approach is employed to fulfill the institution's vision, mission, and objectives while fostering a strong institutional culture.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.mcehassan.ac.in/home/Board-Of-Governors-of-MCE

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The governing body convenes on a regular basis and operates with a high degree of transparency. Faculty members and student representatives are invited to participate in the Board of Governors (BOG) meetings, and their opinions are carefully taken into account. The proceedings of BOG, Academic Council and the HoDs meetings are made available on the college's website. Relevant information is disseminated to employees through various meetings and circulars.Budget allocations for departments are determined based on the needs and feedback provided by the Heads of Departments. The Principal plays a crucial role in academic administration, fostering an effective and supportive environment. Various committees, which include key stakeholders such as faculty, staff, industry representatives, employers, alumni, parents, and students, are engaged in the continuous monitoring and guidance of academic and administrative functions. All Heads of Departments are members of the Academic Council, holding significant academic authority. Senior faculty members hold essential administrative roles such as Deans, Placement Officer, IQAC Coordinator, Hostel Wardens, and Dean, Examinations. The management has implemented a policy of rotating these key positions to develop future leaders. At the departmental level, faculty members contribute their insights on academic matters as part of the Departmental Academic Committee.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.mcehassan.ac.in/home/Board-Of-Governors-of-MCE

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The college administration empowers the Principal, in collaboration with departmental committees, to oversee all academic functions of the institution. Regular meetings are held to discuss and implement the strategic initiatives of the college. A mentorship program has been instituted across all sectors, supervised by the Principal, Deans, and Heads of Departments. Senior faculty members are encouraged to provide input, monitor progress, and suggest improvements to enhance overall performance, which are then communicated to the management. The institution employs several methods to evaluate and monitor its policies: The governing bodies, including the Board of Governors and the Internal Quality Assurance Cell, meet regularly; a feedback mechanism is in place to gather consistent input from stakeholders; external and internal academic audit teams conduct visits to departments each semester; and department heads routinely assess their respective systems.

MCE Strategic Goal aims to improve infrastructure and facilities in alignment with evolving technological demands. The following developments have been made:

1) A multi-storied lecture hall complex equipped with comprehensive ICT facilities has been constructed.

2) A central facility for teaching, learning, and research has been established, enabling collaboration among faculty and students from various disciplines.

3) The captive power facility has been upgraded through the installation of solar panels at key locations.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/departments/IQAC/aqardocuments/6_2_1_3.pdf
Upload any additional information	No File Uploaded

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

The institute is supported by various statutory and non-statutory bodies that fulfill essential functions and responsibilities aligned with the institution's mission and core values. The governance of the administration is managed by the Board of Governors, which is responsible for approving the strategic plan, vision, mission, and budget in accordance with the strategic framework. The institution is recognized for its exemplary administrative practices and positive work culture. The Academic Council serves as the highest academic authority, providing decisions and guidance on all academic issues. Proposals from the Boards of Studies in each department are thoroughly reviewed and either approved or modified by the Academic Council. Faculty and staff recruitment is a vital process, overseen by the Board of Appointment , which is specifically established to manage recruitment procedures. Faculty members receive updated AICTE pay scales as per the Sixth Pay Commission. Faculties eligible for promotion are considered under the Career Advancement Scheme based on recommendations from the screening committee. Staff welfare initiatives encompass various monetary benefits, including additional increments, financial support for deputations, and a rewards system for research projects. Non-teaching staff members are provided with state pay scales and are entitled to earned leave benefits in accordance with established norms.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.mcehassan.ac.in/assets/files/MANDATORY%20DISCLOSURE/Organogram%20and%20various%20committeees.pdf
Upload any additional information	View File
Paste link for additional Information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/files/MANDATORY%20DISCLOSURE/MCE%20Seat%20Matrix,%20Code%20of%20Conduct,%20and%20HR%20Manual/2dJq947OmkDWUJkba9x5IqAQicHOJxFBtia34KNI.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	B. Any three of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Faculty members of the institute are benefited by career advancement scheme for their promotions. Aided program faculty members are eligible for study leave with full salary to pursue their higher studies under the Quality Improvement Programme. Faculties of the institute have opportunities for deputation to attend workshops, seminars, and conferences. Additional incentives are given for publications in refereed journals and external grants. Support is also provided for presenting research papers at national and international conferences.

Employees are provided with medical and accidental insurance for themselves along with a Provident fund, terminal benefits, paternity, maternity leave, free Wi-Fi, and vacation benefits at the end of semester. For non-teaching staff, benefits include time-bound increments, earned leave, maternity leave, retirement benefits, a family welfare fund as well as festival advances. Educational assistance is provided and management quota seats for their children.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/files/MANDATORY%20DISCLOSURE/MCE%20Seat%20Matrix,%20Code%20of%20Conduct,%20and%20HR%20Manual/Final%20H%20R%20Manual%20MCE.pdf

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

51

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

21

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

21

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The internal finance committee convenes regularly to review and verify all payments and receipts recorded in the cash books and ledger accounts for each financial year. An external audit is conducted by an auditor appointed by the college. Qualified chartered accountants audit the financial records at the conclusion of each fiscal year. The audit report, along with the income and expenditure statement, balance sheet, supporting annexures, and notes on accounts, is certified. The statutory financial audit of the institution occurs in two sessions: the first in November/December, covering the six-month period from April to September, and the second in May/June, addressing the period from October to March. The finalization of accounts is completed and audited in June. The audited statements are formally signed by the Principal, Secretary, Chairman, and Chartered Accountant. The institution also publishes the audited financial statements on its website.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/files/MANDATORY%20DISCLOSURE/COLLEGE%20AUDIT%20REPORT/Audit%20Report%202023-24_.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

4.62

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institute employs multiple strategies to secure funding for the establishment of diverse facilities within the college. The primary source is through collection of tuition fees and salary grants received. The management finances the development of essential infrastructure, including classrooms, laboratories, computing resources, and academic amenities. Furthermore, financial support is garnered through external research initiatives and consultancy grants. Faculty members actively seek funding from various governmental and non-governmental agencies to support research, development, and the modernization of laboratories. A considerable amount of funding has been acquired and effectively utilized for research and academic endeavors. Additionally, bank interest, sponsorships, and contributions from alumni serve as important sources for mobilizing funds.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional Information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/files/MANDATORY%20DISCLOSURE/COLLEGE%20AUDIT%20REPORT/Audit%20Report%202023-24_.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The institution has submitted data for the All India Survey on Higher Education. Also data for the continuation for affiliation from Visvesvaraya Technological University for undergraduate and postgraduate programs is submitted. Application for All India Council for Technical Education for an extension of approval for the academic year 2023-24 is submitted. The Internal Quality Assurance Cell conducted an academic and administrative audit for the 2023-24 periods, during which internal audit teams were formed. These teams performed quality assessments on various activities carried out by the departments, and the recommendations from the audits were communicated to the respective departments for necessary action. A variety of programs focused on green lifestyles, environmental awareness, and social consciousness were conducted. As part of various academic and administrative committees, the IQAC played an active role in enhancing the academic and administrative performance of the institution. Further, due to the rising demand for programs utilizing cutting-edge technology, new undergraduate programs have been suggested and an increase in enrollment has been proposed for existing programs.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mcehassan.ac.in/home/Affiliation_from_VTU

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC plays a crucial role in enhancing the academic environment, teaching and learning processes, curriculum development, and evaluation methods. The academic audit serves to improve the quality of teaching and learning practices as well as outcome-based education. At the institutional level, the audit is performed by IQAC, involving a team of senior professors who evaluate the academic activities of various departments. This audit includes assessments of the institution's best academic practices and provides recommendations for areas needing improvement. Subsequently, a summary of the audit is compiled, along with an action plan aimed at elevating the quality of academic activities. The academic and administrative audit is also conducted by the external experts to ensure that all the processes are in place. Further, to ensure quality assessment, internal question papers are reviewed within the respective departments, while the question papers for the semester-end examinations are evaluated by external experts. Based on the audit remarks, remedial measures are implemented.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/departments/IQAC/documents/IQAC_proceedings_1.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any	A. Any 4 or all of the above

other quality audit recognized by state, national or international agencies (such as ISO Certification)	

File Description	Documents
Paste the web link of annual reports of the Institution	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.mcehassan.ac.in/assets/departments/IQAC/aqardocuments/6_5_3_Annual_Reports.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	No File Uploaded
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

It is the practice of MCE that a male and female Staff represents as members in all committees such as Board of Governors (BoG), Academic Council, Board of studies etc., Fifty percent of HoD and Dean for the As an autonomous institution, every year during graduation day, "Best outgoing student of the year" is awarded for one boy and one girl. The student council of the college has branch and class representatives, one boy and one girl from each branch. The institute celebrates International Women's Day. Equal importance is given in sports and other activities for both boys and girl students. The institute maintains a policy of valuing academics regardless of gender. Women faculty members are given responsibility of administration as Deans, Heads of department and conveners of various committees to carry out their responsibilities effectively on par with men. For the security of staff , CCTV in the campus is running 24/7.Ladies waiting hall facility is created for both girl students'and ladies' staff. College provides Gym, indoor games and swimming pool facility with a dedicated slot for women.College has Internal Compliance Committee (CICC) for handling women grievances. The Women's Hostel is under the continuous supervision of a Women Warden and

staff. An entry register is maintained in all hostel blocks to track student movements. Furthermore, sanitary napkin incinerators and vending machines have been installed to promote health and hygiene among female students.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional Information	https://www.mcehassan.ac.in/home/Administration

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: 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
Geotagged Photographs	[View File]
Any other relevant information	[View File]

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

For effective solid waste management, dry and wet solid wastes are systematically collected in color-coded bins placed at various locations throughout the campus and subsequently transported to a designated collection yard. To achieve zero liquid discharge, the treated effluent from the wastewater treatment plant is recycled for toilet flushing and gardening purposes. E-waste produced by different departments is collected and sent to e-waste recyclers. Hazardous chemicals generated in laboratories and other areas are neutralized and diluted at the source before being directed to the wastewater treatment facility. Unserviceable computers / equipments / machineries are regular disposed through the authorised agencies for recycling the same.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	[View File](#)
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
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	[View File](#)
Any other relevant documents	[View File](#)

7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above

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

| 7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc. | A. Any 4 or all of the above |

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The Institution commemorates national festivals such as Independence Day, Republic Day, Gandhi Jayanti, Kannada Rajyotsava, Ambedkar Jayanti, and various other celebrations to foster a sense of harmony and patriotism among its members. Additionally, the college hosts its own cultural festivals, including Jambooree, Saviskar, and MALNAD, as well as Constitution Day and New Year celebrations. The Institute provides holidays for festivals of all religions, including those celebrated locally. Furthermore, the Institution actively engages in extension activities through the National Service Scheme (NSS) and Youth Red Cross (YRC), which include initiatives such as plantation drives, blood donation camps, yoga sessions, environmental awareness programs, and the Swachh Bharat initiative. As part of the Unnath Bharat Abhiyaan program, the Institution has adopted five villages in the Hassan district. The NSS unit of the college has received commendations from local governing bodies and other authorities.

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

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

The curriculum of all programs mandates a course on the Constitution of India and Professional Ethics, aimed at

fostering an understanding of the nation's constitution. Students are well-informed about their rights, duties, and responsibilities as citizens. Numerous initiatives are undertaken by both employees and students to comprehend their obligations and responsibilities. Regular blood donation camps are organized, with active participation from many students and employees who contribute blood to those in need. Additionally, various college clubs are dedicated to raising awareness about environmental protection, with the ECO Club leading several initiatives to safeguard the ecosystem. The NSS wing of the college also plays a significant role in organizing programs that benefit society as a whole. Initiatives such as environmental awareness, crime prevention, Swachh Bharat, and the Role of Engineering in Societal Development are conducted. Under the Unnat Bharat Abhiyan program, five villages surrounding the institute have been adopted, and students visit these villages to educate residents on utilizing technology for their daily agricultural practices and other activities, thereby assisting them in enhancing their quality of life.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized	B. Any 3 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 programmes, 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

The institution observes both national and international commemorative days, events, and festivals to honor the principles of nationalism and cultural diversity. Independence Day was marked with significant enthusiasm and reverence. Gandhi Jayanti was observed on October 2, 2023. Additionally, Bharata Ratna Dr. Ambedkar Jayanti was celebrated on April 14, 2023.National Science Day was also celebrated. The International Women's Day featured activities such as health camps and yoga sessions are conducted.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

1. Title of the Practice 1

Empowering Students through a Skill-Based Learning Framework.

2. Objectives of the Practice

To prepare students as industry-ready graduates through experiential and participatory learning methodologies.

3. The Context

A persistent gap exists between academic institutions and industry requirements. To meet the evolving needs of the industry. As a result, skill training becomes essential for students to bridge this divide.

4. The Practice

The institution focuses on developing employability skills among students. It conducts hands-on training sessions in various facilities such as the idea lab, tinkering lab, innovation center, and project labs.

5. Evidence of Success

Students have been successful in publishing articles and case studies in esteemed conferences and journals. Moreover, there has been a noticeable increase in student placements in recent years.

6. Problems Encountered and Resources Required

A significant challenge was the identification of industries willing to provide internships for students across all engineering disciplines.

Title of the Best Practice 2:

Alumni Scholarship Program (M-Foundation awards)

2. Objectives of the Practice

To provide financial assistance to economically disadvantaged students, enabling them to complete their courses without undue stress.

3. The Context

The college enrolls numerous meritorious students from rural backgrounds who face financial difficulties due to low parental income.

4. The Practice

Identified students receive financial support from a dedicated team of alumni from the college.

5. Evidence of Success

It has been observed that students benefiting from this support successfully complete their degrees and secure placements through our institution.

File Description	Documents
Best practices in the Institutional website	https://www.mcehassan.ac.in/home/AICTE-IDEA-LAB
Any other relevant information	https://www.mcehassan.ac.in/home/Scholarships

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Malnad College of Engineering (MCE) envisions becoming an Institute of Excellence in engineering education and research, committed to nurturing socially responsible professionals. With an emphasis on interdisciplinary collaboration, hands-on learning, and cutting-edge research, MCE strives to empower students to become innovative leaders equipped with technical expertise, creativity, adaptability, and resilience to thrive in a rapidly changing world.

At MCE, diversity is celebrated, innovation is embraced, and a culture of curiosity and exploration is fostered. Together, the students and faculty push the boundaries of possibility, inspire future generations of engineers, and create a legacy that endures.

Centers like ME-RIISE (Malnad Enclave for Research, Innovation, Incubation, Start-ups, and Entrepreneurship) and DST-FIST engage students in collaborative research, equip them with research tools, and encourage creative projects. ME-RIISE promotes multidisciplinary studies and supports activities extending beyond a single discipline, while also nurturing

entrepreneurship and startup initiatives. Additionally, the AICTE IDEA lab enhances students' experiential learning capabilities across various domains, ensuring they are well-prepared for real-world challenges.

File Description	Documents
Appropriate link in the institutional website	https://www.meriise.org/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

In response to the increasing demand, it is recommended to expand the enrollment for programs starting in the 2024-25 academic year and to introduce new courses on Artificial Intelligence and Robotics. The institute will persist in advancing its vision for the effective implementation of the National Education Policy (NEP) 2020. Initiatives includes a) the introduction of several Minor Degree Program in emerging fields, aimed at enhancing placement opportunities; b) facilitating student registration for the Academic Bank of Credits and c) placing greater emphasis on interdisciplinary activities. Furthermore, the institute will strengthen e-governance through the complete automation of all academic and administrative processes to ensure transparency. The Internal Quality Assurance Cell (IQAC) plans to promote various training programs on skill development and cutting edge technologies for both faculty and students.