



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

MALNAD COLLEGE OF ENGINEERING,
HASSAN

- Name of the Head of the institution **Dr. C.V.Venkatesh**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **08172245317**
- Mobile no **9448719949**
- Registered e-mail **principal@mcehassan.ac.in**
- Alternate e-mail **office@mcehassan.ac.in**
- Address **Post Box No.21, Salagame Road**
- City/Town **HASSAN**
- State/UT **Karnataka**
- Pin Code **573202**

2.Institutional status

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

- Financial Status **Grants-in aid**
- Name of the Affiliating University **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, KARNATAKA**
- Name of the IQAC Coordinator **Dr. Y.M. Shashidhara**
- Phone No. **08172245317**
- Alternate phone No. **8277231308**
- Mobile **9341967755**
- IQAC e-mail address **iqac@mcehassan.ac.in**
- Alternate Email address **iqac@mcehassan.ac.in**

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

<https://www.mcehassan.ac.in/admin/storage/mce-mandatory-disclosures-files/July2022/pJrlp73fgAmqT9ew2Hcq.pdf>

4.Whether Academic Calendar prepared during the year?

Yes

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

https://www.mcehassan.ac.in/calendar_of_events.php

5.Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|----------------|-----------|-------------|-----------------------|-------------------|-------------------|
| Cycle 1 | B+ | 2.53 | 2018 | 07/03/2018 | 02/07/2023 |

6.Date of Establishment of IQAC

16/03/2018

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|--|----------------|-------------------------|-----------------------------|-------------|
| All Departments | TEQIP | NPIU-New Delhi | 2021-22 | 2.23 Lakhs |
| Dr. Jeevan T.P, Dr. Ashrith H.S. & Dr. Yashas Gowda T.G. | Research Grant | VTU, Govt. of Karnataka | 2021-22 | 14.67 Lakhs |
| Dr. M.S Srinath & Dr. Shashank Lingappa | Research Grant | VTU, Govt. of Karnataka | 2021-22 | 14.00 Lakhs |
| Dr. Vijay V & H D Lavanya | Research Grant | VTU, Govt. of Karnataka | 2021-22 | 12.50 Lakhs |
| Dr. Geetha Kiran A | Research Grant | VTU, Govt. of Karnataka | 2021-22 | 7.00 Lakhs |

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **02**

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

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

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

1. Internal and external academic and administrative audit
2. Workshops on quality assurance in academics & evaluation systems
3. Data collection, compilation and analysis for NIRF/NAAC/NBA
4. Quality improvement initiatives for curriculum design and assessments
5. Skill enhancement initiatives

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

| Plan of Action | Achievements/Outcomes |
|--|--|
| <p>Encouraging inter-disciplinary teaching-learning by introducing open electives</p> | <p>Open electives are offered by various departments/programs of the institute. Many students have opted their elective courses and they have successfully completed. Further, students are encouraged to carry out interdisciplinary projects. Teams from inter departments have taken interdisciplinary projects and completed effectively. Further, a national level interdisciplinary competition project, REEV, conducted by SAE India, is being carried out, where students across all departments are working for the project</p> |
| <p>Framing of curriculum focusing more on skill development</p> | <p>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.</p> |
| <p>Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):</p> | <p>Efforts are in place to practise OBE in the right spirit. The course outcomes and mapping are</p> |

revisited by several times in each department. An improvement is seen both in delivery & assessment methods of all courses. Each course faculty is now supplementing the chalk & board, ppt with other methods to improve learning of students. The use of case studies, real life examples, role play, crafted stories, demonstrations, use of properties, use of tools, etc. are being practised. The quality of question papers is improved by asking questions at higher Blooms level. The problem based learning & project based learning are also used. New methods to assess students are used extensively. Open books are also being tried by a few faculty. Also flipped classroom. The analysis of CO attainment is carried out and it is used to improve the delivery & assessment in the coming 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

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

The course on universal Human values & Indian knowledge system are a part of the curriculum. A faculty was identified to frame the syllabus of Universal Human values. The faculty having undergone the training given by AICTE, refereed many books to come out a good syllabus. The focus was more on making students to realise the

importance of UHV and ways to imbibe. The planned session were more interactive and assessments methods were also innovative trying to understand the students and helping each to improve. A good number of faculty have undergone training conducted by AICTE and are delivering the course in the right spirit. The course well received by students. We are still working how to improve it further. It is difficult to teach UHV, rather it must be demonstrated.

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

- Name of the statutory body

| Name | Date of meeting(s) |
|--------------------|--------------------|
| Board of Governors | 06/08/2022 |

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

| | |
|--|---|
| 1.Name of the Institution | MALNAD COLLEGE OF ENGINEERING, HASSAN |
| • Name of the Head of the institution | Dr. C.V.Venkatesh |
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| • Phone no./Alternate phone no. | 08172245317 |
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| | | | | | |
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| • Mobile | 9341967755 | | | | |
| • IQAC e-mail address | iqac@mcehassan.ac.in | | | | |
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| 3.Website address (Web link of the AQAR (Previous Academic Year) | https://www.mcehassan.ac.in/admin/storage/mce-mandatory-disclosures-files/July2022/pJrlp73fgAmqT9ew2Hcq.pdf | | | | |
| 4.Whether Academic Calendar prepared during the year? | Yes | | | | |
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| Appropriate integration of Indian Knowledge system | The course on universal Human values & Indian knowledge |

| (teaching in Indian Language, culture, using online course) | <p>system are a part of the curriculum. A faculty was identified to frame the syllabus of Universal Human values. The faculty having undergone the training given by AICTE, refereed many books to come out a good syllabus. The focus was more on making students to realise the importance of UHV and ways to imbibe. The planned session were more interactive and assessments methods were also innovative trying to understand the students and helping each to improve. A good number of faculty have undergone training conducted by AICTE and are delivering the course in the right spirit. The course well received by students. We are still working how to improve it further. It is difficult to teach UHV, rather it must be demonstrated.</p> | | | | | | | | |
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| 14. Whether institutional data submitted to AISHE | | | | | | | | | |
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| 2022 | 13/01/2023 | | | | | | | | |
| 15. Multidisciplinary / interdisciplinary | | | | | | | | | |
| Every student must complete two open elective courses which are | | | | | | | | | |

from other disciplines. These courses are offered in 6th and 7th semesters. And are part of the curriculum. Each branch is instructed to offer courses which are needed by other disciplines. The courses from Law, Management are also offered. The students are enjoying open elective courses. There are cases where students from non-digital stream wishing to improve their programming skills plan and take up programming courses as their open elective courses. There are few cases where few students were successful in cracking interview of IT companies because of these open elective courses.

In an attempt to encourage multi-discipline projects, a committee was formed comprising of faculty from each department. The committee invited applications from students to team up from different disciplines to carry out multi-discipline projects. It was decided to consider these projects as mini and major projects in their curriculum. The received applications were discussed and a few projects were started. Each project had guides from all departments in the team. Few projects were successful. The efforts are more focussed in next years and we expect improvement in coming years.

Students are also encouraged to do MOOC courses from any discipline including management, Law, environment, etc.

16.Academic bank of credits (ABC):

The regulations for this is yet not announced by our university.

17.Skill development:

A lot of emphasis was given on skill development in curriculum and other activities. Each discipline has introduced 2-3 skill enhancement courses in their scheme. In every course, 1-2 activities are carried out with a thrust on improving skills.

In an attempt to enhance skills development marks for activities in each course was increased from 10 to 20 marks. Faculty handling courses from all branches were invited by Principal to educate them about the importance of skill and directions to bring into curriculum. Later, each faculty was asked to discuss and plan activities for their courses with a focus on bringing theoretical knowledge to application level. The principal & deans discussed with each course faculty, guided them to fine tune the planned activities. This process helped to frame good activities from each course. All faculty are now using these activities in their course to improve the learning of students.

Each branch also organizes hand-on workshops for students from all semesters to improve the skills. Students undergo 1-2 internship program with a focus to improve their skills.

The college has IDEA laboratory & FIST laboratory supported by AICTE. All faculty and significant number of students are trained in these laboratories. The students are using these facilities to carry out their main and major projects. Our students work as mentors to train junior students. This greatly helps them to acquire skill & leadership qualities.

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

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Also flipped classroom.

The analysis of CO attainment is carried out and it is used to improve the delivery & assessment in the coming 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:

Faculty have undergone good number of MOOC courses. These course have helped them to improve their knowledge, delivery & assessment methods. The faculty are using the gained knowledge in their course delivery & assessment. Faculty are also encouraged to do MOOC on academic leadership, OBE, etc. This has helped them in administration and NBA works.

MOOC are brought into our curriculum and each student must complete TWO SWAYAM courses before graduation. The list of SWAYAM courses that a student can take is announced by each department. Students are encouraged to take courses from management, foreign language domains also. The students must write proctored examination and pass, without it, degree will not be given. Hence every student has passed two SWAYAM courses.

A few course faculty also encourages students to take MOOC as a part of their course. This has improved learning of students, also their resume & interview

Extended Profile

1.Programme

1.1 477

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

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

2.Student

2.1 3665

Number of students during the year

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.2 480

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

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

2.3 2148

Number of outgoing/ final year students during the year

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

3.Academic

3.1 204

Number of full time teachers during the year

| File Description | Documents |
|------------------|---------------------------|
| Data Template | View File |

3.2 213

Number of sanctioned posts during the year

| Extended Profile | |
|---|---------------------------|
| 1.Programme | |
| 1.1 Number of courses offered by the institution across all programs during the year | 477 |
| File Description | Documents |
| Data Template | View File |
| 2.Student | |
| 2.1 Number of students during the year | 3665 |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | 480 |
| File Description | Documents |
| Data Template | View File |
| 2.3 Number of outgoing/ final year students during the year | 2148 |
| File Description | Documents |
| Data Template | View File |
| 3.Academic | |
| 3.1 Number of full time teachers during the year | 204 |
| File Description | Documents |
| Data Template | View File |

| 3.2 | 213 |
|---|---------------------------|
| Number of sanctioned posts during the year | |
| File Description | Documents |
| Data Template | View File |
| 4.Institution | |
| 4.1 | 69 |
| Total number of Classrooms and Seminar halls | |
| 4.2 | 1011.52 |
| Total expenditure excluding salary during the year (INR in lakhs) | |
| 4.3 | 1024 |
| Total number of computers on campus for academic purposes | |

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum is designed adhering to the twelve Program Outcomes proposed by National Board of Accreditation. Program Educational Objectives, Program Outcomes, Program Specific Outcomes are defined for each program and Course Outcomes are defined for each course. At the end of the course, attainment of both Course outcome and Program Outcome are evaluated and suitable measures are taken to improve attainment.

In addition to the engineering courses, courses like Language Skills, Analytical Ability Development, Aptitude Reasoning Development etc are included in the curriculum by which at the end of the course, students will be groomed to be ready to face the expectations from the recruiters. While framing the syllabi utmost care is taken to ensure that after completing the programme, students will be able to compete in exams like GATE, IES etc. The curriculum warranties the student to be a successful societal member and scholar/ professional/

entrepreneur to excel in their career. To improve student's employability skills, industry-driven courses, internships and projects are included in the curriculum.

Elective system allows students in final year and pre-final year students to opt the courses as per their choice. From the academic year 2022-23, the elective system is implemented from the first year onwards. Moreover, Open-Elective Courses were introduced to enable students pursuing a degree in one programme to be familiar with the courses related to other programmes also which will enhance the inter-disciplinary interest of students.

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | https://www.mcehassan.ac.in/links/1.1.1.php |

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

The calendar of the university is used as a reference. The opening day of the semester is decided by considering the results announcement of the previous semester, makeup examination & supplementary semester dates. The three tests were scheduled as per the academic calendar. The date on which students must give both faculty & course feedback is also mentioned in the calendar. The dates for final theory & practical examinations are also specified in the calendar.

The academic calendar is prepared by Dean-Academics in consultation with the Principal & Dean-examination. The calendar is shared with all departments & students. All academic activities are performed strictly in accordance with the academic calendar only. The department also prepares a calendar using the college calendar. This indicates the dates for assessment dates of all course for a semester. The course faculty plans the delivery & assessment of his course before the semester begins. This is shared with head of the department & students. Thus students know the plan of the course and the assessment activities of each course in the beginning of the semester.

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | https://www.mcehassan.ac.in/calender/Calendar%20of%20Events%20for%20IV,%20VI%20and%20VIII%20sem%202021-22.pdf |

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

A. All of the above

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

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

112

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Minutes of relevant Academic Council/ BOS meetings | View File |
| Institutional data in prescribed format (Data Template) | View File |

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

41

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | View File |
| List of Add on /Certificate programs (Data Template) | View File |

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

3665

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | View File |

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

Our curriculum includes courses on Professional Ethics, Gender, Human Values, Environment and Sustainability, Human Values and Communication skills. Along with these, a course on "Physical Education" is offered as one credit course during first year.

Every year the institute organizes Gender Equality programs, emphasizing Woman Empowerment, laws for Woman's improvement of mental health etc. The Institution provides lounge room for girls students with necessary amenities. The institute organized activities such as Swatch Bharath Abhiyan, International Women's Day, Blood Donation Camps, Role of Engineers for Society etc. for the promotion of Human values and National Integration. The institute has conducted various activities on Environmental and Sustainability. National Service wing of the college promotes

Environmental awareness through the Tree Plantation, Village Cleanliness, Water Conservation, Plastic Free Campus etc. The College organizes various Programs in Gender sensitivity such as Women's Health, Personality Development, Yoga Training etc, .Gender Sensitivity program aimed at sensitization of the Students, faculty and staff of the campus regarding the acts, rules and legal consequences of complaints if any. Human values and professional ethics.

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | View File |

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

856

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | View File |
| Institutional Data in Prescribed Format | View File |

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

650

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | https://www.mcehassan.ac.in/feedback.php |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | View File |
| Any additional information | View File |

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

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

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| URL for feedback report | https://www.mcehassan.ac.in/feedback.php |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

755

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

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

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

379

| 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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

All faculties are adopting OBE in their teaching & assessments. The faculty and students are made aware with the OBE concepts by displaying the same in all the class and staff rooms. The Blooms level is marked for each question in both continuous internal evaluation and semester end examination papers & faculty ensures that questions are at relatively higher levels of Bloom. Each course will include few activities to be completed & these activities are designed in a way to enhance learning ability & skills of students. The quality of internal test paper & activities are testimony to measure learning levels of students. For slow learners, peer mentoring and remedial classes are being conducted. The group study is also arranged for lower semester classes and this has shown significant positive impact. The faculty mentor & course faculty take extra efforts to give maximum support to such students. For advanced learners, they are encouraged to further increase the complexity of the problem they are trying to solve. They are encouraged to carry out research orientated projects and publish technical papers in conferences & journal. Also to participate in national & international events. Further, they are inspired to take and complete online courses offered by various organisations.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://drive.google.com/file/d/1JRFXs343MPhpkSjWeCggaf-1InS8pe30/view?usp=share_link |
| Upload any additional information | View File |

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 3065 | 204 |

| File Description | Documents |
|----------------------------|---------------------------|
| Any additional information | View File |

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Experiential learning - The curriculum of a program is designed in a way that apart from the laboratory courses, few theory courses are embeded with labortory sessions to make it more comprehensive learning. All programs have a mini/major projects to be carried out by students. Real-life problems which involve the application of theoretical concepts of the course are given to students. The students need to carriout two/three mini projects and a major project during their under graduation. Most of the projects chosen, are real issues from industry or soceity. The young minds are nurtured by experts from industry or academia to solve these issues though project work course. Further, students are sent to industry for intenships , where they learn, understand and develop skills to solve the issues. **Participative learning**- Group assignments are given, which enables students to learn from each other and hone their leadership skills. This will also help them to learn and develop interpersonel skills. **Problem-solving methodologies**- a good number of questions in both internal and semester end examinations are at the "apply" level, thus enriching the problem-solving ability of students. The assignments also involve a good number of problem-solving tasks.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| Link for additional information | https://www.mcehassan.ac.in/mceaicte.php |

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

The institution utilizes Information and Communication Technology enabled e-learning tools in addition to traditional methods for effective teaching and learning. The faculty are using power-point presentations for their teaching using laptops, personal computer, LCDs, and projectors. All the classrooms and laboratories are equipped with computers and projectors. The departments have classrooms with interactive board. There is free access to internet through LAN and Wi-Fi in the campus. The faculties and students have access to e-learning resources including e-books, open-access and subscribed journals. Faculty members provide online quizzes and polls for students with the help of google forms or MS Teams. There is a well-equipped seminar hall with projector and interactive board to conduct online workshops/ expert talks for faculty and students. Recording of video lectures is made available to students for future references. Various software tools are being utilized to enhance the teaching - learning process. Few simulations software's are also being used for better understanding of operations of systems. The institute is also equipped with other ICT-enabled tools like digital camera, photocopier, scanner, and printers to facilitate effective teaching and learning.

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

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

202

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

2.4 - Teacher Profile and Quality

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

204

| File Description | Documents |
|--|---------------------------|
| Full time teachers and sanctioned posts for year (Data Template) | View File |
| Any additional information | No File Uploaded |
| List of the faculty members authenticated by the Head of HEI | View File |

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

74

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | View File |

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

204

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

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The schedule of all internal assessment is announced by the college and all departments strictly adhere to it. The time table is prepared by Dean -examination in consultation with dean academic & principal. The same is announced in all departments notice boards. The department in turn prepares & announces the Continuous Internal Evaluation (CIE)time table indicating the time slot for each course.Each course faculty will announce the syllabus for the test and prepares the question paper. A committee in the department scrutinizes all CIE papers.After the CIE, course faculty evaluates all answer scripts and share with students. The faculty discusses the scheme & solution of all questions in the classroom. Each student affixhis/her signature in their answer scripts, after checking the marks awarded. The marks of all students are uploaded in the college website within a week after the CIE, so that students can check their marks. THREE internaltests are conducted for a total of 40 marks and activities are conducted for 10 marks.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | View File |
| Link for additional information | https://www.mcehassan.ac.in/mceprocess.php |

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

The internal examination will be scheduled as per the calendar of events. In case of grievances related to internal examination

i.e Continuous Internal Evaluation (CIE), the institution has set up a transparent mechanism to see that the candidate can easily solve his/her grievances. The marks scored by each student will be shown in the class along with the booklet within three days after the completion of CIE schedule. Later his/her marks will be notified in the Examination software, CONTINEO by the course faculty within a time bound frame of one week after the completion of CIE schedule. The student can access his/her internal examination marks in the Examination software, CONTINEO for all the courses registered. In case of any change found in the marks entered in CONTINEO, the matter can be brought to course faculty notice and the marks can be revised. The parents can also access the wards performance through CONTINEO and get the updates of CIE and attendance on a daily basis. In case of any aggravated issue like malpractice etc in Internal Examination, the matter can be brought to the notice of the Dean. The student will be dealt as per the guide lines of malpractice as specified in the Institution hand book.

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

2.6 - Student Performance and Learning Outcomes

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

Program outcomes and Course outcomes are written in the hand book and syllabus hand out , so that it will be communicated to students. In the first class of every course, course faculty will discuss importance of COs, POs and mapping COs to POs in the class. Program outcomes and the Program Specific Outcomes (PSOs) of the program are displayed in the college website, class rooms, Laboratories, HOD chamber, department library etc. to communicate to students, faculty, parents and other stake holders. Program outcomes, the Program Specific Outcomes (PSOs) of the program and course outcomes are discussed in department meetings. These are also communicated to faculty through FDPs and experts talk. Further, Cos and POs are also specified in the Continuous Internal Examination question papers and Semester End Examination question papers. Course outcomes are regularly being revised based on the revision of the syllabus and inputs from internal and external course experts. The same is being updated

in the hand book/website.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | https://www.mcehassan.ac.in/links/2.6.1.php |
| Upload COs for all Programmes (exemplars from Glossary) | View File |

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

Course outcomes are written for each course by the course faculty using appropriate Bloom's level. The mapping of each question to a Course outcome (CO) is mentioned/stated in all continuous internal and semester end examination question papers. By setting appropriate target & threshold, the attainment of all COs are computed by the faculty using appropriate methods adopted in the CONTINEO software. The COs of each course are mapped to POs and hence attainment of POs from each course is computed by the course faculty. The department OBE coordinator collects attainment of all POs from all courses of all semesters and summarized to find PO attainment of the program. Finally, the summary of COs and POs attainments for the program is presented by the HoD in the audit meetings.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for Additional information | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%20/2.6.2/co-po-attainment.pdf |

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

829

| File Description | Documents |
|--|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | No File Uploaded |
| Paste link for the annual report | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%20/2.3-2.6.3-dvv/ar-21-22.pdf |

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 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

53.45

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

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

3.1.2.1 - Number of teachers recognized as research guides

18

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

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

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

07

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | View File |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | View File |
| Paste link to funding agency website | https://vtu.ac.in/en/research-grants/ |

3.2 - Innovation Ecosystem

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

The college has an active Research wing. It is headed by Dr. G. Shivakumar, Dean (Research) and Professor of Electronics & Instrumentation Engg. The nine Engineering Departments: Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Automobile Engineering, Industrial & Production Engineering, Computer Science & Engineering, Electronics & Instrumentation Engineering and Information Science & Engineering have been recognized as research centres by the Visvesvaraya Technological University (VTU), Belagavi. Also, Mathematics and Physics departments are recognized as research centres by the VTU. There are a total of 40VTU registered guides actively involved in the research activities. Currently 102 scholars, both full time and part time have enrolled for Ph.D. program and 9 students are pursuing M.Sc. (Engg.) by Research program. The College has provided ambience for the research activities in terms of the laboratory

facilities, sponsorship for attending conferences, seminars and conclaves, incentives for publishing quality research papers etc. The faculty and scholars of the college are regularly presenting their research findings in the conferences of repute and publishing in the renowned journals of good impact factor.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.merise.org/ |

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

05

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

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

01

| File Description | Documents |
|---|---|
| URL to the research page on HEI website | https://www.mcehassan.ac.in/links/3.3.1.php |
| List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template) | View File |
| Any additional information | View File |

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

05

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

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

20

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

3.4 - Extension Activities

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

The institute is working towards helping the society in different ways. During COVID-19 pandemic situation, college has organised vaccination camp for students and public around the college. The students of the institute have developed various systems which would help the community during COVID-19 pandemic situation. Regular blood donation camps are being organised and many students are actively participate in this camps for donating blood to the needy. Further various clubs in the college are working towards creating awareness about the environment and its protection , particularly, ECO club of the college organises various programs to protect the ecosystem NSS wing of the college also actively involved in conducting

programs which would help the society at large. Programs such as environment awareness, crime awareness, Swachh Bharat, Role of Engineering in building the Society etc., Under Ummnath Bharat abhiyan program, few villages around the institute are adopted and students of our college visit the villages and educate the people there about the use of technology for their daily/routine agricultural issues or other activities. Students help them to improve their quality life.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.mcehassan.ac.in/mcenss.php |
| Upload any additional information | View File |

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

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

03

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

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

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

194

| File Description | Documents |
|--|---------------------------|
| Reports of the event organized | View File |
| Any additional information | No File Uploaded |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | View File |

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1004

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

50

| File Description | Documents |
|--|---------------------------|
| e-copies of related Document | View File |
| Any additional information | No File Uploaded |
| Details of Collaborative activities with institutions/industries for research, Faculty | View File |

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

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

04

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institution has sufficient infrastructure as per the requirements of AICTE and other governing bodies. More than 62 amount of classroom for teaching and learning are dedicated. The classes are embedded 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, Material Testing Equipments in Civil Engineering department and CNC Centre in Mechanical Engineering and Emission equipments in Automobile Engineering departments are being used for consultancy work. The institute has more than 800 number of computers for both laboratory and other 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/admin/public/storage/naac-tables/March2023/mXjGaa4LZl04ElQYXD82.pdf |

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

The institute is supporting all round development of a student. I Equally provides importance for both curricular and co-curricular activities. All round developments include physical and sports activities. The college has sufficient grounds for playing games like a football, volleyball, Hockey, Basketball and Cricket. A well designed Indore shuttle court, well equipped gymnasium and well maintained swimming pool are all part of sports facilities in the college. A dedicated Yoga centre, Divya Chaitanya caters the students for meditation and yoga practices. The Centre has two temples for prayer and meditation. Yoga classes are regularly conducted in the morning sessions. Students are also encouraged to form their team for collage band and facilities for learning music. A dedicated auditorium is made available for conducting cultural activities during the course.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.mcehassan.ac.in/admin/public/storage/naac-tables/March2023/VqVwCLsExrZHSX3Cf1Ip.pdf |

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

62

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%204/4.1.1/4.1..1%20page%202.pdf |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

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

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

1011.52

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

4.2 - Library as a Learning Resource

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

LIBRARY AND INFORMATION CENTRE

Name of the ILMS software-Easylib

Nature of automation (full or partial)-Full

Version - 6.4(a)

Year of automation-2013

Detail of Easylib software is as follows.

The library staff can get the benefits

Enriched OPAC Update Details of Cataloguing

Details of Circulation

Details of Periodicals

Details of Reports and Statistics

Details of Institutional Repository

Barcode and ID Cards Generation

The students can get the following benefits

Search on Physical Collections

Account Personalization

Stay Connected with the College and Library

Can get Details of Digital Collections

Can get Periodicals

Can get Acquisitions

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for Additional Information | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%204/4.2.1/4.2.1%20page%202 |

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | View File |

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

27,23,500

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

171528

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure

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

Each department in our campus is connected through a star network via OFC. Each department in our campus has a LAN connected through Extreme 1G supported switches, each and every system at the department level is connected to internet. College campus contains 50 Wireless Access points to provide campus wide

wireless internet facility, which supports 3000 concurrent users. Each wireless user is provided access through MAC based authentication. For content filtering we have Dell Sonic firewall NSA 5600. All these facilities are administered under a centralized network control center. We have BSNL as ISP and have a network bandwidth of 500Mbps with redundant OFC facility from ISP. College has domain id mcehassan.ac.in registered under ERNET India, each and every staff is provided domain specific email id through G-suite. We have Microsoft Teams license which supports 5000 users.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%204/4.3.1/4.3.2%20page%202.pdf |

4.3.2 - Number of Computers

1019

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | No File Uploaded |
| List of Computers | View File |

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

53,35,458.37

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Audited statements of accounts | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

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

The college has a separate wing for maintaining physical facilities like building, electricity, water supply, sanitary, housekeeping etc. A dedicated estate engineer office manages the maintenance of building like repairs and renovates. Electrical engineer wing looking into the maintenance of electrical equipments and accessories in the college campus. Water supply lines are continuously being monitored and repaired under estate engineer office. Housekeeping department of the college looks into the daily cleaning of classrooms, departments, roads and landscape of the college. The sanitary cleaning is being outsourced for cleaning and maintaining toilets and washing areas of the college. The laboratories are being maintained by the respective departments. Dedicated system crew look into the maintenance of all computers in the college. Issuing of books and cleaning of the library area is maintained by the library crew. A dedicated physical director looks into issues of sports materials and maintenance of the same.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%204/4.4.2/4.4.2%20page%202.pdf |

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

| 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year | |
|---|----------------------------|
| 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year | |
| 1718 | |
| File Description | Documents |
| Upload self attested letter with the list of students sanctioned scholarship | View File |
| Upload any additional information | No File Uploaded |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | View File |
| 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year | |
| 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year | |
| 1141 | |
| File Description | Documents |
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |
| 5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills | A. All of the above |

| File Description | Documents |
|---|---|
| Link to Institutional website | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%205/5.1.3/Main%20Sheet-2 |
| Any additional information | No File Uploaded |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

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

154

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

154

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

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

A. All of the above

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | No File Uploaded |
| Details of student grievances including sexual harassment and ragging cases | View File |

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

258

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

10

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

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

government examinations)

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

16

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

5.3 - Student Participation and Activities

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

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

14

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

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

For each class, one boy & one girl are chosen as representatives. They will work as SPOC, also instrumental in

representing their class in many issues. For each Programme of study, one boy & one girl are chosen as branch representatives. This representative will form the college Student council and is responsible for all important issues in college - sport, cultural, hostel, extra curricular and co-curricular activities, organizing events in the college. Each class has a class committee which has all course faculties and 4 students as members. The class committee meeting is called 2-3 times in a semester to discuss all academic & other matters of students. The faculty & head of the department try to address all issues raised by student members. The college has a student representative in each department Board of studies. One final year student will a representative in BoS committee to give feedback and suggestions on curriculum, contents and assessments. The presidents of all clubs are invited for discussion. These clubs promote technical, literary, cultural activities in the campus. A dedicated cultural club is also present in the college to conduct cultural events and to support the cultural teams to participate in the intercollege events.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.mcehassan.ac.in/mceboard_studies.php |
| Upload any additional information | No File Uploaded |

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

30

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

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Alumni Association was formed during mid eighties and started with one chapter at Bangalore. The association has an Executive Council having 12 members along with a President and Secretary. 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. Laptops will be given to meritorious students. Labs have been equipped with IoT components with the help of alumni. Apart from these many other initiatives have been taken up by our proud alumni to motivate the current students towards greater achievements.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.mcehassan.ac.in/admin/public/storage/naac-tables/March2023/aAaJ5MGRu7AcgOMqAvWV.pdf |
| Upload any additional information | View File |

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

| (INR in Lakhs) | |
|--|---------------------------|
| File Description | Documents |
| Upload any additional information | View File |
| GOVERNANCE, LEADERSHIP AND MANAGEMENT | |
| 6.1 - Institutional Vision and Leadership | |
| 6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution | |
| <p>Our institute administrative body is so reflective and centric about implementation of the vision and mission of the institute.</p> <p>Our Vision</p> <p>To be an institute of excellence in engineering education and research, producing socially responsible professionals.</p> <p>Our Mission</p> <ol style="list-style-type: none"> 1. Create conducive environment for learning and research 2. Establish industry and academia collaborations 3. Ensure professional and ethical values in all institutional endeavours <p>The following strategic measures are implemented in the institute to realize its vision:</p> <p>Students are trained through proper teaching learning process using ICT tools.</p> <p>Global awareness, communication skills, and team building are integrated across the curriculum in undergraduate and postgraduate studies.</p> <p>Education and research partnerships with industries, research organizations and universities to improve R&D and placements.</p> <p>An environment that encourages personal dedication to students' educational performance, while emphasizing diversity and community</p> | |

Highly accomplished persons who make a positive contribution to the society in today's world are recognized

Students are prepared for multidisciplinary engineering research and advanced problem-solving skills through extensive training.

To address the requirements of society, ethical and leadership courses are conducted.

The governing body prepares and implements short and long-term plans that incorporate departmental plans, SWOT analysis findings, and other stakeholder inputs. This

procedure is carried out in the institution every year. Policy and planning are implemented after collaboration with stakeholders. The policies are developed by management with

the support of institutional and departmental committees and then included in the strategic plan.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%206/6.1.1/6.1.1%20Proof.pdf |
| Upload any additional information | View File |

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

The College maintains a decentralisation approach. All academic and non-academic decisions based on policy are delegated by the Governing Body to the institute Committee, which is led by the principal. The college committee develops standard operating procedures and delegates the execution to departments. The department HoD/Coordinators oversee the department's day-to-day operations and maintains track of the College's curricular, co curricular and extracurricular activities. Students enjoy operational autonomy under the leadership of various committees/ clubs/ associations, and students from diverse departments are involved in the decision-making process.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.mcehassan.ac.in/mceacademic.php |
| Upload any additional information | View File |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The college management allows the Principal, together with the department committees in leading all the college's academic operations. They convene meetings on a regular basis and take required measures to establish and implement the institution's strategic initiatives. Mentorship has been implemented in all areas, and it is overseen by the Principal, Deans and HoDs. They allow senior faculty to take inputs, monitor progress, taking actions for the overall improvement and recommending changes to the management. The institution uses the following ways to monitor and assess policies:

The Councils convene on a regular basis (BoG and IQAC)

The feedback mechanism (consistent input from stakeholders)

External and internal Academic Audit Teams visit departments on a regular basis (Once in a Semester).

Department heads review each department's system on a regular basis.

MCE Strategic Goal II, Sub Goal 1: Enhance the infrastructure and facility in tune with changing technological needs

1) Multi storied lecture hall complex with all ICT facilities has been constructed.

2) Central facility for teaching, learning and research has been established where faculty and students of various disciplines can work.

3) The captive power facility has been enhanced by deploying solar panels at strategic locations.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | https://www.mcehassan.ac.in/links/6.2.1.php |
| Upload any additional information | No File Uploaded |

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

The Chairman of the Governing Body is the Patron. The Governing Body is in charge of formulating policies and validating reports through the Secretary and Correspondent. The processes for making decisions are established at the appropriate levels of the organisational structure. Statutory entities, such as the IQAC, CICC and the Anti Ragging Cell, are also incorporated in the organisational structure of the institution, as per university/government rules. Planning, execution, academic audit, and assessment are all handled by a committee comprising of professors. The institution is led by a number of groups committees that provide academic and administrative leadership. In reality, an optimal amount of decentralisation is achieved through an independent departmental system and a participatory decision-making process. Service Rules: The college closely adheres to the service regulations set out by the AICTE/ GoK. The advantages of PF, ESI, Casual Leaves, Earned Leaves, paternity and Maternity Leaves are available to both faculty and staff. The faculty member's worthiness is determined by his or her performance in the interview according to the parameters set by the institute by a selection committee.

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.mcehassan.ac.in/links/6.3.1.php |
| Link to Organogram of the institution webpage | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%206/6.1.1/6.1.1.5.pdf |
| Upload any additional information | View File |

| 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination | A. All of the above |
|--|----------------------------|
| File Description | Documents |
| ERP (Enterprise Resource Planning)Document | View File |
| Screen shots of user inter faces | View File |
| Any additional information | View File |
| Details of implementation of e-governance in areas of operation, Administration etc(Data Template) | View File |
| 6.3 - Faculty Empowerment Strategies | |
| 6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff | |
| <p>Our institution places a premium on employee well-being. Existing welfare measures for teaching and non-teaching workers are listed below in this context:</p> <p>Earned, maternity and paternity leave.</p> <p>Festival advance.</p> <p>Gym, Indoor games and swimming pool facility for staff.</p> <p>Incentive for presenting the paper in conferences and publishing in journals.</p> <p>Staff club organizes sports and other activities for the staff.</p> <p>Good ambiance for faculty with individual cabins for most of them with PC.</p> <p>Free Wi-Fi and internet facility.</p> <p>Semester end vacation for faculty members.</p> <p>Deputing for FDPs/ Workshops/ Symposiums for teaching staff on a regularbasis.</p> | |

Skill development program for non-teaching staff.

Automation of attendance using biometric system.

User-friendly online leave application website.

CICC for women safety and security.

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

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

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

00

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

01

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | View File |
| Reports of Academic Staff College or similar centers | No File Uploaded |
| Upload any additional information | No File Uploaded |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | View File |

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

153

| File Description | Documents |
|---|---------------------------|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | View File |
| Upload any additional information | No File Uploaded |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

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

Annual performance appraisal system is being followed for both teaching and non-teaching staff of the college. For teaching faculty, various criteria are evaluated for the appraisal.

Faculty members are required to submit self-evaluation form which includes involvement of faculty in various activities such as teaching and learning, students feedback, evaluation system, involvement in research and development activities. This is evaluated and checked by the head of the department followed by expert committee. Based on the expert committee reports the increments and other financial benefits are sanctioned by the administration or management. Appraisal of non-teaching Staffs are evaluated by the heads of the department for their performance and based on their report, financial benefits are sanctioned. If the performance is not satisfactory then the staffs are called and counselled. A memo is also issued to improve their performance.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://docs.google.com/spreadsheets/d/li_lrqux55S4S6Sh4cT7JAe0WmqelQnBiS/edit?usp=sharing&ouid=110015182879295871046&rtpof=true&sd=true |
| Upload any additional information | View File |

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institute conducts internal financial audits by the financial auditors of the institution. Basically, the annual financial plan is made by the college by taking inputs from the department's budgets. Then, college makes the annual budget. The expenditure for the academic, non-academic and maintenance activities are planned and accordingly spent. The audit is carried out by the internal and external auditors. The objections right by the auditors are addressed by the financial committee of the college. Regular financial committee meetings are being held and the objections / issues are resolved according. The same is being communicated and further reports are generated.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://drive.google.com/file/d/1w3dQPda82k3NPjpA7DHalJqyHv-S-UdR/view?usp=sharing |
| Upload any additional information | View File |

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

193000

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | View File |
| Any additional information | View File |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

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

The institute mobilizes the funds in many ways to establish various facilities in the college. The management funds for most of the infrastructure development of the college such as building for classrooms, labs, computing facilities and academic facilities. The college had TEQIP funding for various academic and research activities. Laboratories across all the branches are uplifted to state of art technology. Faculty members are apply for various Government and Non-government funding agencies for research and development and modernisation of laboratories. Good number of funding is being obtained and utilized for the research and academic activities.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.mcehassan.ac.in/doc03687120230425145121.pdf |
| Upload any additional information | View File |

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Following IQAC activities have contributed significantly for quality assurance in the institute

Arrangement of internal and external academic audits to understand the quality of various process and improve the same.

Arrangement for feedback responses from students, parents and other stakeholders on quality-related processes.

Organization of workshops, seminars on quality related themes and promotion of quality in Engineering education.

Documentation of the various activities of the College, leading to quality improvement.

Acting as a nodal agency of the HEI for coordinating quality related activities, including adoption and dissemination of good practices.

Development and maintenance of Institutional database through management information system for the purpose of maintaining / enhancing the institutional quality.

Development of Quality Culture.

Preparation of the Annual Quality Assurance Report of the based on the quality parameters / assessment criteria developed by the relevant quality assurance body like NAAC, in the prescribed format. File Description Document

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.mcehassan.ac.in/mce_igac_details.php |
| Upload any additional information | View File |

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

An internal academic audit is carried out every year after completing both odd and even semester. Faculty members are supplied with self-academic audit formats and inform to submit the same after the completion of academic year. The report includes evaluation type, COs of the course, CO and PO mapping, CIE and SEE question paper quality through bloom's taxonomy, innovation in teaching methods, results correlation between CIE and SEE, adoption of suggestion by the BOS. The IQAC forms a committee with senior members or professors of the institution. The committee evaluates the academic performance of the each faculty and the same is submitted to the IQAC for further action. IQAC is sending CIE question papers to external evaluator for checking the quality of the question, in terms of framing of questions at the different bloom's level, coverage of CEOs, and overall quality of the question paper. The reports from the external auditors are scrutinized and action taken report is generated from the administration and it is maintained in the IQAC. The administration and academic activities of the college is audited by the external expert . Dr N.C.Shivaprakash, Professor,IISc, Bengaluru has conducted the extensive audit on various administrative and academic parameters for all the departments. A report is submitted by the expert for the further process.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.mcehassan.ac.in/mce_igac_details.php |
| Upload any additional information | View File |

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of

A. All of the above

**Internal Quality Assurance Cell (IQAC);
Feedback collected, analyzed and used for
improvements Collaborative quality
initiatives with other institution(s)
Participation in NIRF any other quality
audit recognized by state, national or
international agencies (ISO Certification,
NBA)**

| File Description | Documents |
|--|---------------------------|
| Paste web link of Annual reports of Institution | Nil |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institution has taken steps to promote gender parity:

It is the practice of MCE that a male and female staff represents as members in the Board of Governors (BoG) body.

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.

| File Description | Documents |
|--|---|
| Annual gender sensitization action plan | https://drive.google.com/file/d/14vN4gEEfKoZPtNuBBfRhxwZfKeohxkv/view?usp=share_link |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://mcehassan.ac.in/admin/storage/Files%20to%20Upload/2023%20NAAC/CRITERIA%207/7.1.1/7.1.1second%20.pdf |

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

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

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

Solid waste such as bio wastes are being used to prepare the compost and same being used for fertilizing the plants / trees in the campus. An arrangement is made to utilize the solid waste coming out the compass and to convert the same as compost preparation. A sewage treatment plant is installed in the campus to treat the used wastewater, particularly from the hostel outlet. The liquid waste is recycled and the same is being used to watering all the plants in campus. Solid waste (Answer Scripts) generated from the exam section is send to industries to recycle the same (Disposal of answer scripts). 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 | View File |
| Geo tagged photographs of the facilities | View File |

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

| 5. Landscaping | |
|--|-------------------------------------|
| File Description | Documents |
| Geo tagged photos / videos of the facilities | View File |
| Various policy documents / decisions circulated for implementation | View File |
| Any other relevant documents | No File Uploaded |
| 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution | |
| 7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities | 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 disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, | A. Any 4 or all of the above |

| screen | reading |
|--|---------------------------|
| File Description | Documents |
| Geo tagged photographs / videos of the facilities | View File |
| Policy documents and information brochures on the support to be provided | View File |
| Details of the Software procured for providing the assistance | No File Uploaded |
| Any other relevant information | No File Uploaded |
| 7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words). | |
| <p>Institute conducts various programs in connection with cultural, regional, linguistic, communal, socio-economic and other diversities. The following programs are held during the year.</p> <p>Celebration of Kannada Rajyothsava</p> <p>New Year Celebration</p> <p>College cultural festival (Jambooree, Saviskar and MALNAD)</p> <p>Constitution Day</p> <p>Institute grant holiday for festivals of all religions including for the locally celebrated festivals.</p> | |
| File Description | Documents |
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | View File |
| 7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens | |
| The curriculum of all programs include a mandatory course on | |

Constitution of India and Professional ethics to understand the constitution of our country. Students are well aware about the rights, duties and responsibilities as citizen of this country. Many programs are conducted by employees and students to understand duties and responsibility of them. Regular blood donation camps are being organised and many students and employees are actively participate in this camps for donating blood to the needy. Further various clubs in the college are working towards creating awareness about the environment and its protection, particularly, ECO club of the college organises various programs to protect the ecosystem NSS wing of the college also actively involved in conducting programs which would help the society at large. Programs such as environment awareness, crime awareness, Swatch Bharat, Role of Engineering in building the Society etc., Under Ummnath Bharat abhiyan program, few villages around the institute are adopted and students of our college visit the villages and educate the people there about the use of technology for their daily/routine agricultural issues or other activities. Students help them to improve their quality life.

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://drive.google.com/file/d/1Ls0Fs94Yjg_fd6RUqHW8SrN7bBLCCR7U/view?usp=share_link |
| Any other relevant information | https://www.mcehassan.ac.in/mcenss.php |

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

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 programs etc., in support of the claims | View File |
| Any other relevant information | No File Uploaded |

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

The insitute has organaised the following programs in connection with national and international commemorative days, events and festivals. International Day of Light

International Science Day

International Women's Day

International Yoga Day

Teachers Day

| File Description | Documents |
|---|---------------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | View File |
| Geo tagged photographs of some of the events | View File |
| Any other relevant information | View File |

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

1. Title of the Practice 1

Students' empowerment through skill based learning approach.

2. Objectives of the Practice

To make student to be industry ready graduate through experiential and participative learning

3. The Context

A gap is always being found between academia and industry. However, the academia is not able to change their curriculum as quick as the industry needs. Consequently, skill trainings are required for students to bridge the gap.

4. The Practice

The institute developing employability skills in students. Skill enhancing hands on trainings through idea lab, tinkering lab, innovation centre, project labs and so on are being conducted by the institute. Students are also made to mandatorily complete industry running internships.

5. Evidence of Success

The students are publishing articles / case studies in reputed conferences and journals. Further, an increase in student placements is also observed in the recent years.

.6. Problems Encountered and Resources Required:

One challenge was identifying industries for providing internship for the students in all area of engineering.

Title of the Best Practice 2: Alumni scholarship awards

2.Objectives of the Practice: To financially support economically weaker students to complete their course without hassles

3.The Context:

The college is admitted with many meritorious rural students sudents who are economically weak as their parents' income.

4.The Practice:

These are identified and they are financially supported by a team of alumni of the college

5.Evidence of Success:

It is observed that the students with this kind of support successfully completed their degree and placed from our institution.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://docs.google.com/document/d/1hWGqORTG5mrWQygfBMjnYCyICRCB3TVX/edit?usp=sharing&oid=110015182879295871046&rtpof=true&sd=true |
| Any other relevant information | https://www.mcehassan.ac.in/mceaicte.php |

7.3 - Institutional Distinctiveness

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

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

MCEhas the vision set as "to be an Institute of Excellence in Engineering education and research, producing socially responsible professionals". In order to advance scholarly activity in MCE, ME-RIISE (Malnad Enclave for Research, Innovation, Incubation, Start-ups, and Entrepreneurship) was founded with the intention of engaging in collaborative research, training students in research tools, disseminating research, or engaging in creative projects.

ME-RIISE often promotes multidisciplinary study and encompasses activities that go beyond the scope of one subject. The center isbeing used by researchers, faculties to apply for grants and get funds for R&D. Several events like FDP, Webinars and training programs were held in the center prevalently for the benefit of the faculty and students.

MCE-AICTE IDEA LAB

Idea Development Evaluation andApplication (IDEA) LAB, introduced by AICTE, New Delhi, is a movement in the country to enhance required skill in youths to make them employable in the engineering domain. Aim is also to expose our next generation to

the advanced tools and technology available at the global standard. MCE is proud to receive this prestigious project, which is one among 49 institutions in the country and one among 5 institutions in Karnataka state. The total cost of the project is 96.3 lakhs; 50% of the grant is provided by AICTE and another 50% by MCE.

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

7.3.2 - Plan of action for the next academic year

1. Framing of curriculum focusing more on skill development.
2. Implementation of National Education Policy aspects in the curriculum Development.
3. Preparation for the submission of self study report for NAAC .
4. Introduction of Choice based credit system for all undergraduate programmes.
5. Focussing to increase the number of patents, funded projects and research grants.
6. To increase the percent rate of placements in all programmes.
7. More green initiatives for ecofriendly campus.