



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

| | | |
|--|-----------------------------|--|
| 1.Name of the Institution | | M.Kumarasamy College of Engineering |
| • Name of the Head of the institution | Dr .B .S .Murugan | |
| • Designation | Principal | |
| • Does the institution function from its own campus? | Yes | |
| • Phone No. of the Principal | 04342270755 | |
| • Alternate phone No. | 04342272155 | |
| • Mobile No. (Principal) | 9865230477 | |
| • Registered e-mail ID (Principal) | principal@mkce.ac.in | |
| • Address | Thalavapalayam | |
| • City/Town | Karur | |
| • State/UT | Tamil Nadu | |
| • Pin Code | 639113 | |
| 2.Institutional status | | |
| • Autonomous Status (Provide the date of conferment of Autonomy) | 20/07/2011 | |
| • Type of Institution | Co-education | |
| • Location | Rural | |

| | | | | | |
|--|---|----------------|-----------------------------|-------------------|-------------------|
| • Financial Status | Self-financing | | | | |
| • Name of the IQAC Co-ordinator/Director | Dr.M.Mohan Prasad | | | | |
| • Phone No. | 04324270755 | | | | |
| • Mobile No: | 9600350065 | | | | |
| • IQAC e-mail ID | iqac@mkce.ac.in | | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year)) | https://mkce.ac.in/AQAR%20-%202022-2023.pdf | | | | |
| 4.Was the Academic Calendar prepared for that year? | Yes | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://mkce.ac.in/files/a_calendar/2022-2023/AC_2023_2024.pdf | | | | |
| 5.Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 1 | B | 2.66 | 2016 | 25/05/2016 | 24/05/2021 |
| Cycle 2 | A | 3.03 | 2022 | 04/01/2021 | 04/01/2027 |
| 6.Date of Establishment of IQAC | | | 09/07/2014 | | |
| 7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)? | | | | | |
| Institution/ Department/Faculty/School | Scheme | Funding Agency | Year of Award with Duration | Amount | |
| M.Kumarasamy College of Engineering | 12B | UGC | 01/06/2020 | 0 | |
| M.Kumarasamy College of Engineering | 2f | UGC | 20/02/2009 | 0 | |
| 8.Provide details regarding the composition of the IQAC: | | | | | |

| | |
|--|--|
| <ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI | View File |
| 9.No. of IQAC meetings held during the year | 4 |
| <ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? | No |
| <ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report | View File |
| 10.Did IQAC receive funding from any funding agency to support its activities during the year? | No |
| <ul style="list-style-type: none"> If yes, mention the amount | |
| 11.Significant contributions made by IQAC during the current year (maximum five bullets) | |
| <p>1. Online Tool establishment for effective Teaching - Learning Process 2. Focus on quality publications 3. Participation in NIRF, QS and other Impact Rankings 4. Promoting innovations through Startups and IPR Cell 5. NBASAR submitted for two programs such as B.E - Civil and IT</p> | |
| 12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year: | |
| Plan of Action | Achievements/Outcomes |
| <p>Research Target for Faculty Members: Doctorate - 2 Publications in SCI Journals, Ph.D pursuing - 1 Publication in SCI Journal, Non- Doctorate - 2 Publications in Scopus - Indexed / Web of Science Journals</p> | <p>Significance improvement towards quality publications</p> |
| <p>Promoting Start - ups through Incubation Cell</p> | <p>The institution have nine startups in Campus</p> |
| <p>Participation in Ranking / Surveys</p> | <p>NIRF - Rank 200- 300 Engineering band ,GlobalUniversityRanking-"D</p> |

IISCRankings2025"-Gold+Ranking ?
 QSI-
 GAUGE"InstituteofHappiness2024"
 ?DATAQUEST"T-SchoolRankings2024"
 ?TopPrivateT-Schools-30thRank ?T
 op100T-SchoolsEmployabilityIndex
 -36thRank ?THE WEEK HANSA SURVEY
 2024 ?"Best Private Engineering
 Colleges" All India Level -Rank
 103 ?"Best Private Engineering
 Colleges"South Zone Level -Rank
 64 ?"Best Private Engineering
 Colleges" Tamil Nadu (State
 Level) -Rank 20 Indian
 Institutional Ranking Framework
 Ranking 2024 ?IIRF 2024 -"Best
 Engineering Colleges in
 India"-37thRank ?IIRF 2024
 -"Best Engineering Colleges in
 State"-13thRank ?IIRF 2024
 -"Best Engineering Colleges in
 Zonal"-27thRank
 ?RWorldInstitutionalRanking2024
 ?MHWRanking2024-DiamondBand-
 OutstandingService
 ?IndiaAcademiaRankings2025 ?IAR2
 025-TitaniumBandforAcademicExcel
 lence ?IAR 2025 -Titanium Band
 for Employability and Startup
 Ecosystem Excellence ?IAR 2025
 -Diamond Band for Research
 Excellence3

| | |
|---|--|
| <p>Accreditation work and its follow up</p> | <p>NBA Accredited - Tier 1 - 3 Years (B.E - CSE, Civil and IT)</p> |
|---|--|

| | |
|---|------------|
| <p>13. Was the AQAR placed before the statutory body?</p> | <p>Yes</p> |
|---|------------|

- Name of the statutory body

| Name of the statutory body | Date of meeting(s) |
|----------------------------|--------------------|
| Governing Council | 27/10/2023 |

| | |
|---|--------------------|
| 14. Was the institutional data submitted to AISHE ? | Yes |
| <ul style="list-style-type: none"> • Year | |
| Year | Date of Submission |
| 2024 | 15/02/2025 |
| 15. Multidisciplinary / interdisciplinary | |
| <p>One of the mission of M.Kumarasamy College of Engineering is "to Create a diverse, fully-engaged, learner-centric campus environment to provide quality education to the students". To achieve this mission, the institute provides opportunities to the students to choose multi disciplinary courses in their under-graduate programs. Institute offers choice-based credit systems through which the student can enroll in multi disciplinary and interdisciplinary courses. For every under graduate programs the Course subjects like Physics, Chemistry, Mathematics, English, Environmental Science, Indian tradition and heritage, Indian artforms, basic civil and mechanical engineering, basic electrical and electronics engineering, fundamental of computers, management principles for engineers and social engineering are taught. Projects are the integral part in the curriculum which makes the students to engage in the societal issues and offer solutions. Apart from the curriculum, the institute organizes programs like interdisciplinary workshop, seminar and conferences in both national and international levels to exchange the ideas and knowledge and also to create an ambience to carry out the interdisciplinary research projects.</p> | |
| 16. Academic bank of credits (ABC): | |
| <p>MKCE is an autonomous college affiliated to Anna University. MKCE has student academic ERP system in place where all student details including of the internal assessment details, attendance, continuous internal evaluation and examination related details are available. Thus as and when the University adopts the ABC, the College has all necessary infrastructure in place to implement it. Further the institute already offers elective courses for the choice of student which helps the student to opt, so the institute can able to adapt to the multiple entry, exists and collaborations with other college and University.</p> | |
| 17. Skill development: | |

To maintain the quality education and to continue the competency level, the institute offers skill development courses to the undergraduate students. General aptitude, Professional skills and practices, Employability skills and practices, analytical and logical skills, competencies in social skills courses are the integral part of UG curriculum. Students are also encouraged to take part in various contest organized by MNC's from the first year onwards which helps the students to understand industry expectations and prepare accordingly. The Institute organizes various competitions like project expo, contest (codeathon, makethon etc..), workshops with industry collaboration for the students on a regular basis to encourage vocational education. Students are allowed to do their internship training and projects in industries. Academic credits are allocated for Industry and Foreign Certification courses in the curriculum. Beside that the institute has clubs and association and students are widely take part in the activities of clubs and association through that their leadership, personality and communicational skills are being developed.

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

Indian tradition and heritage and Indian Art Forms courses are offered to the students as non-credit mandatory courses to integrate the Indian knowledge system

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

Outcome Based Education (OBE) and Bloom's Taxonomy-based evaluation processes are practiced in all programmes. All the courses designed with the course outcomes and it is mapped with program outcomes. Frequently, training programs are arranged for the faculty members for the effective implementation of OBE in campus also faculty members are encouraged to take-up OBE related NPTEL courses. To ensure the process, the academic audit has been conducted in regular intervals.

20.Distance education/online education:

Employability courses like Japanese course and other foreign language courses are offered by the Institute both in physical and online mode. Students are encouraged to take-up online courses in the SWAYAM and coursera platform and appropriate credit has also been allocated. Students are allowed to participate in AICTE virtual internship

Extended Profile

| 1.Programme | |
|---|---------------------------|
| 1.1 Number of programmes offered during the year: | 15 |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 2.Student | |
| 2.1 Total number of students during the year: | 4109 |
| File Description | Documents |
| Institutional data in Prescribed format | View File |
| 2.2 Number of outgoing / final year students during the year: | 1001 |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 2.3 Number of students who appeared for the examinations conducted by the institution during the year: | 4109 |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 3.Academic | |
| 3.1 Number of courses in all programmes during the year: | 443 |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 3.2 Number of full-time teachers during the year: | 298 |

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |
| 3.3 Number of sanctioned posts for the year: | 275 |
| 4.Institution | |
| 4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year: | 798 |
| 4.2 Total number of Classrooms and Seminar halls | 92 |
| 4.3 Total number of computers on campus for academic purposes | 1778 |
| 4.4 Total expenditure, excluding salary, during the year (INR in Lakhs): | 2425.44 |
| Part B | |
| CURRICULAR ASPECTS | |
| 1.1 - Curriculum Design and Development | |
| 1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution. | |
| <p>To address needs at the local, regional, national, and global levels, the institution has scientifically crafted its vision and mission statements. In alignment with these, the department defines its vision and mission, which are reflected in the programs it offers. To achieve these objectives, the department adopts a structured curriculum design process, drawing from key benchmarks such as the UGC and AICTE model curricula, the framework of Anna University, stakeholders' feedback, program outcomes (POs) defined by NBA, program-specific outcomes (PSOs) defined by the department, competitive exam syllabi (e.g., GATE, IES), syllabi of reputed Indian and international universities, and recent advancements in</p> | |

technology.

During the curriculum design process, the Department Advisory Board (DAB) identifies and categorizes courses into Foundation, Professional Core, Professional Electives, Open Electives, Employability Enhancement, Online, Self-study, and One Credit courses. This approach ensures a robust theoretical foundation complemented by practical engineering skills while emphasizing social and professional responsibility, ethics, Environment and sustainability.

Afterward, course coordinators develop course outcomes (COs) aligned with the defined POs and PSOs. The curriculum design incorporates the curriculum framework, course details, COs, assessment tools for measuring COs, and the mapping of COs with POs and PSOs. This outcome-based education framework ensures graduates acquire the expected global attributes and program-specific competencies.

Further, each program includes 3-5 Program Educational Objectives (PEOs), which are evaluated through alumni performance, further strengthening the alignment between educational goals and graduate success.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload additional information, if any | View File |
| Link for additional information | Nil |

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

11

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

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

613

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

1.2 - Academic Flexibility

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

173

| File Description | Documents |
|---|---------------------------|
| Minutes of relevant Academic Council/BoS meetings | View File |
| Any additional information | View File |
| Institutional data in prescribed format (Data Template) | View File |

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

15

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

1.3 - Curriculum Enrichment

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

Courses to address Gender:

The first-year B.E program includes the courses such as Heritage of Tamils, Tamils and Technology, Physical & Mental Health using Yoga, NSS, Indian Tradition and Heritage, and Learning an Indian Art Form to improve the physical and Mental Health, to impart the importance of NSS, to learn about the importance of heritage, people, and community, giving rise to a sense of responsibility and citizenship, to develop critical thinking and the ability to interpret the culture around the learners respectively to address the gender-related issues.

Courses to address Environment and Sustainability:

B.E/B.Tech curriculum includes the course Environmental Science as a mandated course as per the AICTE model curriculum. Similarly, the curriculum of PG programs also includes courses such as 'Environmental Management and Business Ethics', 'Industrial Ergonomics', 'Concepts of Green Manufacturing' to address the environment, and sustainability issues.

Courses to address Human Values and Professional Ethics:

B.E/B. Tech program curriculum includes courses like 'Constitution of India' and 'Value Education' to gain knowledge about the Indian constitution framework with state functionality and provisions with an awareness of their positive energy and power. The curriculum includes the courses 'Management Principles for Engineers', 'Self-Development and Entrepreneurship', 'Critical and Creative Thinking Skills' and 'Employability Skills and Practices'

| File Description | Documents |
|---|---------------------------|
| Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum | View File |
| Any additional information | No File Uploaded |

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

13

| File Description | Documents |
|--|---------------------------|
| List of value-added courses | View File |
| Brochure or any other document relating to value-added courses | View File |
| Any additional information | No File Uploaded |

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

896

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

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

3058

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

1.4 - Feedback System

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

A. All 4 of the above

| File Description | Documents |
|---|---|
| Provide the URL for stakeholders' feedback report | https://www.camsmkce.in/ |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | View File |
| Any additional information | No File Uploaded |

| | |
|---|---|
| 1.4.2 - The feedback system of the Institution comprises the following | A. Feedback collected, analysed and action taken made available on the website |
|---|---|

| File Description | Documents |
|---|---|
| Provide URL for stakeholders' feedback report | https://www.camsmkce.in/ |
| Any additional information | View File |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1149

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

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

1134

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

2.2 - Catering to Student Diversity

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

Assessment on Learning Levels of Students is categorized in toAdvanced and Slow Learners based on their performance. TheAdvanced Learners are directed to participate in Japanese LanguageTraining, MNC contest, External participation, patents /copyrights and higher studies / competitive exam, also encouragedto take up Japanese proficiency exams by providing appropriatetraining in-house for all

the levels. Many students made use of this opportunity and obtained Japanese proficiency certificates. Through this support the students get international placement offers. Students are encouraged to participate in various contests organized by MNCs. The outcome of this participation is placement offers with a high salary package. Students are motivated to participate in various Seminars / Workshops and present papers in National / International Conferences. In addition, students completed NPTEL in SWAYAM and MOOC courses too. Innovative ideas of students are shortlisted by various contests organized and special programmers are arranged to convert the same into patents and copyrights. Special programs such as awareness on abroad studies, GATE awareness are arranged to decide on higher studies and competitive exams. The Slow Learners are supported with remedial classes and peer learning. Parents meeting will be conducted to discuss their ward's performance twice in a semester. The following documents are submitted by the HEI to substantiate its claims for metric 2.2.1 Assessment of Learning Levels along with the samples, Japanese Language, MNC Contest, Outside Participation, Patent Details, Online Course, Higher studies, Remedial Class, and Parents Meeting are attached.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://mkce.ac.in/aqar/2.2.1.3.pdf |

2.2.2 - Student – Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 31/05/2024 | 4155 | 298 |

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

2.3 - Teaching- Learning Process

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

MKCE is with diverse, fully-engaged, learner-centric campus environment by adopting mission guidelines to enhance learning experience to provide quality education to the students. To realize

this MKCE follows Experiential Learning, Participative Learning and Problem Solving Methodologies. Various experiential learning devised are Project Expo, Integrated Theory cum Lab Courses, One Credit Courses, Participative learning ensures the holistic development of students and facilitates life-long learning and knowledge management. The presentation day and minor projects facilitate them to exhibit their skills on every semester. Students are given a right blend of traditional and modern methods through assignments and quizzes at the end of each unit. The following documents are submitted by the HEI to substantiate its claims for metric 2.3.1 Student Centric Methods for Enhancing Learning Experience for the year 2023-2024 along with the samples for Project Expo, Integrated Theory cum Lab Courses, One Credit Courses, Presentation Day, Minor Project, Project Contest / Hackathon / Makathon, Higher Order Problems Solving are attached.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| Link for additional Information | https://www.mkce.ac.in/ |

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

MKCE has follows best Teaching Learning Process through the usage of ICT enabled tools for effective teaching and learning. Comprehensive Autonomous Management System and ERP which is developed in-house is utilized for monitoring the students' continuous learning. Faculty members practiced Innovative Teaching Learning Pedagogy in the curriculum delivery. To build holistic development of students learning, students are connected virtually with industrial experts. Events are organized in both online and offline mode to motivate students to learn the current technologies. Codetantra platform is used by students to improve their programming skills for both theory and laboratory. Class Advisors created an official group in Social Media for the effective communication with the students and faculty members. Faculty members developed videos and uploaded in YouTube for better course delivery. The following documents are submitted by the HEI to substantiate its claims for metric 2.3.2: ICT Enabled Tools for Effective Teaching and Learning along with the samples for tools like CAMS, Innovation in teaching, Codetantra, Whatsapp, Programs organized and Youtube are attached.

| File Description | Documents |
|--|---|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | https://mkce.ac.in/aqar/2.3.2.3.pdf |
| Upload any additional information | View File |

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

2.3.3.1 - Number of mentors

156

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

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

MKCE develop Academic Calendar semester wise in accordance with university guidelines. The academic coordinator discusses with the Principal, Heads of the Departments and Controller of Examinations to prepare tentative academic calendar for the Institution. The tentative calendar is circulated to all the administrative faculty members for corrections and suggestions if any.

Academic calendar includes all the academic activities like commencement of classes, course committee meeting, quality circle meetings, project reviews, club and association events, professional society activities, placement / skill training, presentation day, continuous internal assessment, mark statement submission, one credit/value added courses, department meeting, knowledge sharing session, parents meeting and faculty feedback collection.

Apart from academic activities, the list of holidays and other events such as graduation day, sports day, college day, International/ National seminar/Conferences/ Workshops are also mentioned in the academic calendar. All the activities mentioned are carried out as per the academic calendar.

Teaching Plans: The faculty prepares a unit-wise teaching plan of the course content, which includes lecture hours, learning outcomes, and teaching mode that is duly approved by the HoD. This schedule is placed in the course file at the beginning of the semester to monitor the course coverage. The following documents are submitted by the HEI to substantiate its claims for metric 2.3.4: Academic calendar and teaching plans are attached.

| File Description | Documents |
|---|---------------------------|
| Upload the Academic Calendar and Teaching Plans during the year | View File |

2.4 - Teacher Profile and Quality

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

298

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

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

86

| File Description | Documents |
|---|---------------------------|
| List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years | View File |
| Any additional information | View File |

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

1766

| File Description | Documents |
|---|---------------------------|
| List of teachers including their PAN, designation, Department and details of their experience | View File |
| Any additional information | View File |

2.5 - Evaluation Process and Reforms

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

23

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

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

9

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

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

The College publishes the common Rules and Regulation for all Programmes. In addition to academic rules and regulations, the academic regulations, Examination policy and guidelines, malpractice are in place.

CIA Evaluation: The course coordinator plans the evaluation pattern along with the appropriate assessment tools. This evaluation pattern is known to the students at the beginning of the semester with

rubrics and assessment establishes.

ESE Evaluation:

The ESE (End Semester Exam) answer scripts will be evaluated at the COEs office. The board chairperson will take care of grievances, if any discrepancy raised by the concern course coordinator through HoD and the Principal. The internal and external faculty does the evaluation of the answer scripts as per the scheme and solutions. The chief examiner shall select randomly three scripts for verification to ensure the consistency of the evaluation process.

The End-Semester Examination papers will now be directly distributed to students. The revaluation is open for all the students. The request for revaluation by challenge allowed only, if the candidate may receive the photo copy of answer script

This step is aimed at enhancing the transparency and efficiency of the examination process, ensuring a streamlined approach to the distribution and assessment procedures. The change reflects the institution's commitment to improving the overall examination experience and providing a more holistic evaluation of student performance.

The processes mentioned ensure fair and uniform conduction, evaluation of examination. The institution continues to adopt improved examination processes.

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

2.6 - Student Performance and Learning Outcomes

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

The institution has implemented employability based curriculum in the academic year 2011-12 and subsequently it has been refined in alignment with the accreditation policy of National Board of Accreditation and offered as Outcome Based Education (OBE). The Institution Vision and Mission statements, the department Vision and Mission statements, Programme Educational Objectives (PEOs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and

Course outcomes (Cos) are printed and displayed in all the Classrooms, Curriculum book, Course files, Lab manuals, Laboratories in the departments, Project Report (Minor and Major), Class rooms / Laboratories, Office of the department, Department Notice boards, Staff Rooms, BoS Meeting, College website, in the question papers, Email, Newsletter, Handouts, Brochure and also it is displayed in our college website.

| File Description | Documents |
|--|---|
| Upload COs for all courses (exemplars from the Glossary) | View File |
| Upload any additional information | View File |
| Link for additional Information | https://mkce.ac.in/aqar/2.6.1.2.pdf |

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

PO - Assessment Process Procedure: The Attainment of Program outcomes and Program Specific Outcomes of the all the courses are assessed and reviewed in different stages. PO Assessment Tools The attainment of program Outcomes and Program Specific Outcomes are evaluated by Direct Attainment and Indirect attainment.

Table: Tools for POs and PSOs attainment Program and Program Specific Outcomes

Direct Attainment Tool CO attainment Indirect Attainment Tool Graduate Exit Survey Student Portfolio

Attainment of POs and PSOs through Direct attainment tools Direct attainment tool: Course Outcomes PO (Direct) = PO (CO) The Program Outcomes of relevant course outcomes are obtained as follows PO (CO) = ? (Percentage of CO attainment x Correlation level of concern COs) / ? (Correlation level of all Cos) Attainment of POs and PSOs through Indirect attainment tools The table shows the contribution of indirect attainment tools to calculate the POs and PSOs

Tools for POs and PSOs Indirect attainment Graduate Exit Survey 10% Student Portfolio 10% PO (Indirect) = 0.1*PO (Portfolio) + 0.1*PO (Graduate)

Overall Attainment of Program Outcomes and Program Specific Outcomes The overall attainment of Program outcomes and Program specific outcomes is calculated as follows PO (attainment) = 0.8*PO

(Direct) + 0.2*PO (Indirect)

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

2.6.3 - Pass Percentage of students**2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution****941**

| File Description | Documents |
|---|---|
| Upload list of Programmes and number of students appear for and passed in the final year examinations | View File |
| Upload any additional information | View File |
| Paste link for the annual report | https://mkce.ac.in/aqar/6.5.3.11.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://mkce.ac.in/aqar/2.7.1.pdf>**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Promotion of Research and Facilities**

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

Institution research facilities are updated frequently on on-going basis and well defined policy is in place to promote research among the faculty members.

Research Facilities:

- **The Institution integrates research and academics to foster the holistic development of students and enhance the research**

capabilities of faculty members by upgrading research facilities as needed.

- All departments are equipped with modern research tools to foster a research-oriented culture among students and faculty, encouraging them to undertake projects beyond the regular curriculum.

Research promotion:

- A clearly defined HR policy is established to encourage research and inspire faculty members to undertake research assignments.
- To foster a robust research environment, the institution is offering seed grants for research projects to support needy faculty members. Additionally, the faculty is encouraged to pursue their Ph.D. degrees.
- Research Incentive schemes and financial benefits are offered to faculty members to encourage research publications, funded projects, and consultancy work.
- Academic Year 2023-24, 166 research articles have been published by the faculty members in UGC recognized journals wherein most of the articles are Scopus and SCI indexed.
- Academic Year 2023-24, 130 articles have been published by the faculty members in the National, International conferences which includes Books, Chapters.

| File Description | Documents |
|--|---|
| Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption | View File |
| Provide URL of policy document on promotion of research uploaded on the website | https://mkce.ac.in/aqar/3.1.1.1.pdf |
| Any additional information | No File Uploaded |

3.1.2 - The institution provides seed money to its teachers for research**3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)****17.06**

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

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**100**

| File Description | Documents |
|---|---------------------------|
| e-copies of the award letters of the teachers | View File |
| List of teachers and details of their international fellowship(s) | View File |
| Any additional information | View File |

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****49.645**

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

3.2.2 - Number of teachers having research projects during the year

12

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://mkce.ac.in/aqar/3.2.1.1.pdf |
| List of research projects during the year | View File |

3.2.3 - Number of teachers recognised as research guides

30

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

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

8

| File Description | Documents |
|---|---------------------------|
| Supporting document from Funding Agencies | View File |
| Paste link to funding agencies' website | Nil |
| Any additional information | View File |

3.3 - Innovation Ecosystem

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

Eco-system for Innovations

The main objective of the R&D Cell, Intellectual Property Rights Cell and Ministry of Micro, Small & Medium Enterprises (MSME) - Incubation is

- To inculcate the research culture among the Students and faculty members by encouraging to acquire novel thinking, through R&D cell, faculty members have submitted many project proposals to various funding agencies like DST, MNRE, DBT, AICTE, TNSCST etc., In the year 2023-2024 the research project grants worth of Rs 13.07 lakhs sanctioned by SERB-CRG, Rs 18.3 lakhs sanctioned by SERB-TARE, TNSCST grants amount of Rs. 52, 500 sanctioned.
- To create an awareness about IPR for faculty members and students, to impart training on future endeavors regarding the patent filing processes. Through IPR cell workshop/training series have been conducted to create awareness among faculties and students. As an outcome, in the calendar year 2023 totally 133 patents have been published and 7 patents got granted.
- The MKCE Incubation Centre, approved in 2020 and supported by MSME, exemplifies the commitment to fostering innovation, entrepreneurship, and societal impact. Through initiatives like the MSME Idea Hackathon, the center has successfully incubated groundbreaking projects, such as:

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.mkce.ac.in/research# |

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

36

| File Description | Documents |
|--|---------------------------|
| Report of the events | View File |
| List of workshops/seminars conducted during the year | View File |
| Any additional information | View File |

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

38

| File Description | Documents |
|--|---|
| URL to the research page on HEI website | https://mkce.ac.in/aqar/3.2.3-1.pdf |
| List of PhD scholars and details like name of the guide, title of thesis, and year of registration | View File |
| Any additional information | View File |

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

during the year

166

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

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

134

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://mkce.ac.in/aqar/3.4.4.1.pdf |

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

4274

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Bibliometrics of the publications during the year | View File |

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year**

46

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

3.5 - Consultancy

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

20.56

| File Description | Documents |
|--|---------------------------|
| Audited statements of accounts indicating the revenue generated through consultancy and corporate training | View File |
| List of consultants and revenue generated by them | View File |
| Any additional information | View File |

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

60400

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

3.6 - Extension Activities

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

M. Kumarasamy College of Engineering, contributed to the public through the National Service Scheme and Social Responsibility activities of the departments. Departments organized various events to create awareness about consumer rights and events related to friendly earth and sustainability. Individual departments also have taken social responsibility and served the public.

Institution has been recognized by AEGIS with the award namely Aegies Graham Bell Award for the year 2023

Institution organized celebration events like Earth Day and Yoga Day, also various events had been organized as extension activities like Food Donation, Road Safety Survey, Safety Awareness, Plastic awareness, Health awareness to the public.

National Service Scheme used to organize the blood donation camp in the campus and students, faculties used to participate in it. For the best service of the institution, it was recognized with the award National Voluntary Blood Donation Day 2023 by Tamil Nadu State Blood Transfusion Society.

Totally 26 extension activities had been organized by various departments through National Service Scheme and Innovation and Entrepreneurship Development Cell

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.mkce.ac.in/research# |

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

2

| File Description | Documents |
|--|---------------------------|
| Number of awards for extension activities in during the year | View File |
| e-copy of the award letters | View File |
| Any additional information | View File |

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

18

| File Description | Documents |
|---------------------------------|---------------------------|
| Reports of the events organized | View File |
| Any additional information | View File |

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

818

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

3.7 - Collaboration

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

677

| File Description | Documents |
|--|---------------------------|
| Copies of documents highlighting collaboration | View File |
| Any additional information | View File |

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

27

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

MKCE spans over a sprawling 31.73 acres campus with a built-up area of 82,390 squaremeters. MKCE has 86 classrooms for UG and PG programs. All the classrooms are equipped with LCD projectors, Wi-Fi connectivity and a Green Board/Whiteboard. Two classrooms are facilitated with lecture capturing systems. Each floor on the academic blocks has notice boards, toilets for men, women and differently abled. Ramps are available at all academic and administrative buildings to facilitate differently abled persons. Lifts are also available at all academic buildings with more than 3 storeys. 6 Seminar halls are available to conduct various events such as seminars, conferences, guest lectures, cultural activities, etc. All the seminar halls are equipped with audio, projection facility, LAN, Wi-Fi Facility and sufficient power back with Generator and UPS. MKCE has 61 well-established laboratories for UG and PG students. In addition to MKCE has a TLC centre to improve the quality of teaching & learning process by enhancing ICT tools and laboratories through ICT skills. MKCE has 1.5 GBPS Internet bandwidth and over 140 Wi-Fi access points. In total, 1938 computer systems are available and out of which 1778 are exclusively earmarked for use by the students.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.mkce.ac.in/general-facilities |

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

The physical education department at MKCE provides healthy and diverse opportunities for the overall development of the student body. The college has an 8-acre play field, and the Vivekananda Hall, with a carpet area of 520 sq.m, serves as a cultural centre for events such as ORLIA, with a seating capacity of over 600. It provides an ideal setting for workshops, conferences, seminars, symposiums, guest lectures, and more. In addition to indoor games like table tennis, chess, and carrom, the college also has facilities for district-level tournaments. The outdoor sports arena features a non-standard 400-meter athletic track with floodlights, as well as a football field, handball court, and hockey field. The campus also has basketball, tennis, and volleyball courts for hosting state-level events, as well as ball badminton, cricket, handball, kabaddi, and kho-kho courts. The Student Development Cell (SDC) oversees 13 clubs, and the college has a well-equipped gymnasium, with a carpet area of 353 sq.m and various weightlifting, powerlifting, and smith machine matrix multi adjustable bench equipment. The Yoga Centre, with 265 sq.m and a capacity for 60 students, provides opportunities for students to practice yoga.

| File Description | Documents |
|---------------------------------------|---|
| Geotagged pictures | View File |
| Upload any additional information | View File |
| Paste link for additional information | https://www.mkce.ac.in/general-facilities |

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

92

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

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)**2425.44**

| File Description | Documents |
|--|---------------------------|
| Upload audited utilization statements | View File |
| Details of Expenditure, excluding salary, during the years | View File |
| Any additional information | No File Uploaded |

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

The Institute Library uses Impress ERP software system with RFID scanning facility to keep track of issues and returns in a fool proof manner with Library Automation Package Software (LIPS I Net 6.0, Web OPAC& Multiple Web E-Gate) facility.

- The RFIDbased Access Gate using 2CQR software.
- Self-Book-Issue Kiosks with "Touch Screen facility"
- Automated DropBox enables 24x7 to return books.
- Desktops installed with Impres OPAC facility.
- The Institute has a modernized video surveillance central library with 961.23 sq.m carpet area provides a pleasant atmosphere for scholarly reading with automated Gate entry, Book Issue and Return facilities with huge collection of academic books, journals, magazines, research projects, rare books, other knowledgeable books and newspapers.
- The library has 21,501 titles and 62,334 volumes of books with accommodation of 160 students per session.
- Remains open throughout the week from 8.30 A.M. to 7.30 P.M.
- The library has a subscription to the print version of 125 International journals, 101 national journals, 50 magazines, and 3,577 back volumes.
- Departments have separate libraries with around 7,000 books.
- Reprographic facilitated Digital library with 24 computers.

Book Bank

- **SC/ST students can borrow books without renewal for a semester.**

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

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

A. Any 4 or more of the above

| File Description | Documents |
|---|---------------------------|
| Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership | View File |
| Upload any additional information | View File |

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

26.87

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

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

4000

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

4.3 - IT Infrastructure

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

MKCE maintains a well formularized IT policy for all its stakeholders functioning under Academics, Research and Administration. The scope of the policy covers internet and network access, data storage and retrieval, maintaining login credentials, disaster management, power-backup, in-house software development, considering the safety and security of information. The IT policy covers all the IT infrastructure in Campus, Network and Security. This includes, 1.5 GBPS internet connectivity from Reliance Jio, high speed internet connectivity with all administrative, academic blocks and hostels through fibre optic cables, wireless internet connectivity which are created through the devices installed in various classrooms, CCTV surveillance cameras that are installed across the campus to ensure the safety and security of inmates, Sophos XG 450 - XG45T2HIN , the data centre hosting five servers which act as a backbone of IT operations inside the campus, servers available in the campus for various purposes include ERP, Biometric, Accreditation and Ranking, COE office management. The college computer systems are equipped with an Uninterrupted Power Supply (UPS) with yearly AMC maintenance. The UPS capacity has been consistently upgraded, reaching 420 KVA in 2020.

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

4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 4109 | 1778 |

| File Description | Documents |
|--|---------------------------------|
| Upload any additional information | View File |
| 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus | A. 750 Mbps |
| File Description | Documents |
| Details of bandwidth available in the Institution | View File |
| Upload any additional information | View File |
| 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing | A. All four of the above |
| File Description | Documents |
| Upload any additional information | View File |
| Paste link for additional information | Nil |
| List of facilities for e-content development (Data Template) | View File |
| 4.4 - Maintenance of Campus Infrastructure | |
| 4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs) | |
| 1684.43 | |
| File Description | Documents |
| Audited statements of accounts | View File |
| Upload any additional information | No File Uploaded |
| 4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc. | |

- The institute ensures optimal allocation and utilization of the available financial resources for the maintenance of different facilities by conducting regular meetings.
- All Laboratories are maintained as per the 5S workplace management system and monitored by department 5S coordinators.
- The laboratories are well-equipped with sufficient manpower and other resources to provide students with hands-on experience in their field of study.
- A group of department level coordinators and librarians oversees the library's general surveillance.
- Physical director is responsible for the sports complex, equipment supervises staff assigned for ground, courts, indoor games, maintenance and repair works.
- Computer and other facilities are provided to all departments.
- The Manager is responsible for identifying and distributing manpower under designated supervisors, as well as allocating roles and responsibilities.
- Campus maintenance provides services, through preventative maintenance and break-down maintenance; it strives to maximize use of diverse resources on campus.
- The Institute powerhouse has 2 generators with a capacity of 500 KVA and 82.5 KVA.
- The institute has 3 biogas plants with a capacity of 100 cubic meters and maintained.
- The sewage treatment plant has a capacity of 1 lakh liters and is inspected frequently.
- Six recharging pits are well-managed, refilled, and exploited for our institution's water needs.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2069

| File Description | Documents |
|---|---------------------------|
| Upload self-attested letters with the list of students receiving scholarships | View File |
| Upload any additional information | View File |

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

289

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

| File Description | Documents |
|---|---|
| Link to Institutional website | https://www.mkce.ac.in/placement |
| Details of capability development and schemes | View File |
| Any additional information | View File |

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

829

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

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

A. All of the above

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

5.2 - Student Progression

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

829

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

5.2.2 - Number of outgoing students progressing to higher education

10

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

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

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

2

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

5.3 - Student Participation and Activities

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

12

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

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

The institute has established multiple avenues to ensure active student participation in academic, administrative, and co-curricular activities. These initiatives foster holistic development and empower students to contribute meaningfully to institutional growth. Below are the key areas of involvement:

- Board of Studies
- Internal Quality Assurance Cell
- Quality Circle Meeting
- Department Association
- Anti-Ragging Committee
- Professional Societies Student Chapters
- Club Activities
- Connect with Principal
- Hostel Representatives
- Sports Captains and NSS Club

These structured opportunities ensure that students are involved in meaningful ways, fostering a sense of responsibility, leadership, and collaboration while contributing to the overall quality and growth of the institution.

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

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

4

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| List of sports and cultural events / competitions organised per year | View File |
| Upload any additional information | No File Uploaded |

5.4 - Alumni Engagement

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

Alumni Association of the Institute has been registered under the Tamil Nadu Societies Registration with effect from 9th May 2005 onwards. Alumni Association strongly contributes to the growth of the institution through several means.

The training and placement division of the institute and alumni coordinator of the departments have frequent discussions with the

Alumni which help to build a strong connection with the industry ready professionals. Senior Alumnus in reputed position in Top-Notch Industry is a member of Board of Studies of concerned department and the member of IQAC of the institution. Alumni members actively participate in various activities of the institution render their support constantly and join hands to promote significant development of the institution.

Few of the contribution include,

1. Curriculum framing, syllabus-content creation and revision.
2. Motivates the budding engineer to become a competent engineer by sharing his professional experience.
3. Technically enriches the students by offering lectures in the current technologies by quoting real time application projects.
4. Helps the students to get placed in MNC's by participating as HR and technical Interviewer in mock interviews organized by various departments, training and placement division of the college.
5. Participate in the IQAC meeting and review the annual progress of the institution on quality aspects.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://alumni.mkce.ac.in/ |

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision and the Mission of the MKCE have been to be an institution of excellence in higher education that continually responds to changing social realities through the development and application of

knowledge. MKCE is recognized good amongst the various institutions in India with quality rankings such as ARIIA, QS IGauge e-LEAD, Career 360 etc., Governance and management systems continually adopt emerging practices, technologies to accomplish the vision of the Institute.). E-Governance is implemented in all the activities of our Institute in terms of Administration, finance and accounts, planning and improvements, students support progressions and examination processes.

Some of the renowned recognitions are listed below:-

Rankings & Accreditations:

- NAAC II cycle (2016-2021)
- NBA (Tier 1) for ECE, EEE & MECH(2023-2026)
- NBA (Tier 1) for CSE (2021-2025)
- QS-I-GAUGE Rating: Diamond | QS-I-GAUGE E-LEAD: Certified
- ARIIA Ranking
- Career 360

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://www.mkce.ac.in/vision |

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

The HEI has the practice of preparing a Well-defined Strategic Plan (Vision Plan) once in every ten years. Annual Strategic Perspective Plan is prepared by the Internal Quality Assurance Cell along with the feedback received from each section of the Stakeholders. The AQAR will be submitted based on the Annual Strategic Perspective Plan. The Strategic Perspective Plan (Vision Plan) comprises various objectives in Academic, Research and Administration perspective. The HEI follows a decentralization and Participative Management approach in decision making. MKCE has following statutory and non-statutory bodies for effective leadership.

STATUTORY BODIES

- Governing Body
- Academic council
- Board of Studies

- Finance committee

| File Description | Documents |
|---|---|
| Upload strategic plan and deployment documents on the website | View File |
| Upload any additional information | View File |
| Paste link for additional Information | https://www.mkce.ac.in/ |

6.2 - Strategy Development and Deployment

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

Perspective/Strategic plan is mostly focused to provide the continuous improvements in higher and technical education which helps to perform better in various aspects. The strategic plan is framed by assessing the stakeholder's expectations, students, professors, employers, government development needs of the region, etc... MKCE's strategic plan includes the following sub areas Academic Process Employability Industry Connect Self-Learning Research and Personality development. The Strategic plan envisages various benchmarks for Academics, Research, Outreach and Entrepreneurship. A Sample Case study on Research achievements is also submitted with this metric as proof of success.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | https://www.mkce.ac.in/files/other/sp.pdf |
| Upload any additional information | View File |

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

The Organogram of the Institute comprises of the Trust Board from MKCE, Governing Council, Principal, Director and Heads of the Departments. The Secretary of the college is the Chairman of the Governing Council. The Principal is the administrative head of the institute; the responsibilities are equally shared by three in charges viz; Academic Coordinator, Placement and Training Officer

and Research Head. The Heads of the Departments cooperate with the coordinator and the Principal along with their faculty and staff for the day-to-day functioning of the college. MKCE has well-defined policies for effective functioning of various Statutory and Non-statutory Bodies. MKCE has a well-structured administrative setup starting from the head of the institution to the various sections of the institution. MKCE Service Rules and Appointments are in strict compliance of regulations as prescribed by statutory bodies from time to time

| File Description | Documents |
|---|---|
| Paste link to Organogram on the institution webpage | https://www.mkce.ac.in/organogram |
| Upload any additional information | View File |
| Paste link for additional Information | https://www.mkce.ac.in/files/other/hrp.pdf |

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) Documen | View File |
| Screen shots of user interfaces | View File |
| Details of implementation of e-governance in areas of operation | View File |
| Any additional information | View File |

6.3 - Faculty Empowerment Strategies

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

The HEI has a well-defined policy for promotions and appraisal, derived out of the prescribed norms of UGC/AICTE. MKCE conducts annual appraisal for its faculty members. MKCE has devised various welfare measures for its faculty and staff such as Contribution for Public Provident Fund/ Employees Provident Fund, group medical and accident insurance, Soft loan (without interest) to needy faculty members, free medical check-up and consultation, On-

campus accommodation, free transport facility, Food with nominal charges Incentives for SCI/SCIE indexed journals etc., The appraisal process is made decentralized through the involvement HoDs of the department. The faculty submits their filled self-appraisal application to the HoD. The HoD will verify the faculty contribution and forward his recommendation to the Principal.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.mkce.ac.in/files/other/hrp.pdf |

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

78

| 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 programmes organized by the Institution for its teaching and non-teaching staff during the year

10

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | View File |
| Upload any additional information | View File |

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

171

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institute has qualified Chartered Accountants and Audit Team to supervise the internal audits and to ensure that all the procedures and guidelines set by the management are strictly adhered to in the transactions. Chartered Accountants carry out the procedural transaction and compliance audit and submit their reports to the management team with their comments, observation sand informing the corrective measures that need to be taken, to ensure proper compliance as per their observations. Internal audit and External audit are conducted twice and once in a year respectively. The External and Internal Auditors' reports are reviewed by the management and forwarded to the respective internal auditors to bring-in desired improvements in the areas highlighted by them.

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

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

0.05

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | View File |
| Details of funds / grants received from non-government bodies, individuals, philanthropists during the year | View File |
| Any additional information | View File |

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

M.Kumarasamy College of Engineering being an autonomous private institution, the major source of fund is collected as tuition fees from students, examination fees and management contribution for the effective functioning of the Institution. Apart from this any additional expenditure or any deficient funds will be borne by the M.Kumarasamy Health and Educational Trust. The Institute maintains audit reports as and by the law of the state government procedures. The corpus funds kept aside for the Institute to operate, exist and maintain itself.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://mkce.ac.in/aqar/6.4.3.1.pdf |

6.5 - Internal Quality Assurance System

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

The primary goal of the IQAC is to ensure the quality of the institution's overall performance. IQAC has contributed significantly to kick off, plan and control various activities that are essential to improve the quality of Teaching and Learning process. Our objectives are to develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the College.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://mkce.ac.in/iqac |

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

The Institution IQAC forms various sub-committees and conducts regular audits with the help of both internal and external members

from the other reputed institutions to make sure that teaching learning process has continuous improvements leading to the attainment of learning outcomes.

Audit Process:

1. **Academic Audit:** It is according to the discussions of the faculty members, stakeholders and peer reviewers which focuses on a common goal: to improve the quality processes in teaching and learning and thereby enhancing the student success. Faculty members reflect on how they organize their work and how they use data to make decisions and deliver their lectures. The Academic Audit model involves a review process by Academic Auditor Team. This team reviews a program's self- study report, conducts a site visit, and writes its own report that includes commendations, affirmations and recommendations for continued improvement. The audit is conducted every semester to review the progress.

2. **Appraisal Audit:** The performance appraisal is to measure the success factor and to motivate the faculty members to take up various assignments apart from the regular teaching assignments such as continual learning by the faculty members and research & consultancy

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://mkce.ac.in/igac |

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

| File Description | Documents |
|--|---|
| Paste the web link of annual reports of the Institution | https://mkce.ac.in/agar/6.5.3.11.pdf |
| Upload e-copies of accreditations and certification | View File |
| Upload details of quality assurance initiatives of the institution | View File |
| Upload any additional information | 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

MKCE always ensures the fair treatment for both the genders in all the areas and makes sure of gender equity in all the activities conducted inside the campus and. Currently, the percentage of male and female students is 60 and 40, and male and female faculty members are 47 and 53. In order to promote gender equity, many events and awareness programs have been conducted for both the students and the faculty members.

The following are the facilities provided in terms of

a) Safety and Security:

- 480 Surveillance Cameras are installed in the campus.
- Grievance Redressal Cell is functioning to prevent female students and faculty members from sexual harassment.
- Anti-ragging committee ensures that students are not indulging in any ragging activities inside the campus.
- Women Empowerment Cell is functioning for the welfare and the empowerment of girl students.

b) Counselling:

- Each member of faculty inside the campus is allotted as mentors for every 15 to 20 students in order to guide them in academic and personal life.
- Quality circle meetings are conducted periodically to address students' grievances.

c) Common Room:

- Institution has well ventilated common room for boys and girls near the washroom (2+2).

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

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

A. Any 4 or All of the above

| File Description | Documents |
|--------------------------------|---------------------------|
| Geotagged Photographs | View File |
| Any other relevant information | View File |

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

Solid Waste Management

Solid wastes are collected regularly in garbage bins. Biodegradable wastes including organic wastes from kitchen, human excreta and other wastes are sent to three biogas plants. Plastic bags are strictly banned and combustible wastes are decomposed into bio-manures.

Liquid Waste Management

MKCE has installed STP to treat the waste water. The treated water is sent to the storage tank (100 cubic meters). And the recycled water is used for gardening and irrigation purposes.

E-Waste Management

Discarded electrical and electronic devices or parts are collected and outsourced to an external agency called Sri Guru Steels (scrap dealer). Reusable components are repaired and sent back to the departments.

Waste recycling system:

The institute has adopted many waste recycling systems to maintain the campus clean and green. Solid wastes like human excreta and other compostable wastes are sent to generate biogas and the Liquid waste is treated through STP and the treated water is used for gardening. Non Compostable wastes are sold to Scrap Buyers.

Chemical Waste Management:

The chemical wastes are allowed into the Leach bed which is made up of various absorbents like gravels, sands, etc. The top layered charcoal and sand is used as manures.

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

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

A. Any 4 or all of the above

| File Description | Documents |
|--|---------------------------|
| Geotagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

| File Description | Documents |
|--|---------------------------|
| Geotagged 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 undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

| File Description | Documents |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | View File |
| Any other relevant information | View File |

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-

A. Any 4 or all of the above

friendly washrooms Signage including tactile path lights, display boards and signposts
Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc.
Provision for enquiry and information:
Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

| File Description | Documents |
|--|---------------------------|
| Geotagged photographs / videos of facilities | View File |
| Policy documents and brochures on the support to be provided | View File |
| Details of the software procured for providing assistance | View File |
| Any other relevant information | View File |

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

Response:

MKCE always ensures to provide inclusive environment for the students who come from different regions, cultures and also from different socioeconomic backgrounds. During the academic year 2023-2024, many events and festivals like Pongal, Onam, Ayuthapooja, etc., were celebrated in our institution. All the students were involved actively in those events as student co-ordinators, volunteers and also as participants.

PONGAL, ONAM celebrations helped to unite different cultured people and maintain harmony inside the campus. Added to that, AYUTHAPOOJA/SARASWATHI POOJA was also celebrated in all the departments by worshipping Goddess Saraswati along with the books and other educational tools. All the students and faculty members irrespective of their religion, state, culture etc took part in the celebrations. During pongal and onam, various competitions like Rangoli, Pot breaking, Rope pulling were also conducted in order to maintain tolerance and harmony towards inclusive environment.

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

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

Response:

In order to make the students socially responsible citizens, various events and awareness programs are conducted every year through NSS and also through other department extension activities. Through those programs, values for being a responsible citizen are inculcated to the students.

During the year 2023-24, Our College conducted a blood donation camp through NSS unit. In that camp, many students donated blood to save the lives of needy people. Added to that, Students also took part in Road safety awareness program, Tree plantation program, awareness program on energy conservation etc. Students also volunteered themselves in cleaning drive. Through the above programs, students volunteered themselves and actively participated to create awareness among all.

Our college also celebrated many important days like Independence Day, Republic day etc., in the year 2023-2024 by highlighting the importance of those days among the young generation. Our college Student Volunteers provided food to the orphanages and also helped in creating awareness among the public.. Added to that, Uzhavaraapani, changing lives together, awareness programs to school students. etc were conducted by the students to make them understand the real values, duties and responsibilities as a citizen. Thus, all the above activities helped the students to perform their duties properly at the right time in the right place and learn different social values which in turn make them a socially responsible citizen.

| File Description | Documents |
|---|---------------------------|
| Details of activities that inculcate values necessary to transform students into responsible citizens | View File |
| Any other relevant information | No File Uploaded |

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

A. All of the above

| File Description | Documents |
|--|---------------------------|
| Code of Ethics - policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims | View File |
| Any other relevant information | View File |

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

The following are the national and international commemorative days and festivals organized in MKCE during the year 2023-2024:

- o Independence Day
- o Republic Day
- o International Women's Day
- o Famous personalities' Birthday
- o Festivals

Independence Day and Republic Day:

Independence Day and Republic Day were celebrated with pride and

patriotism by hoisting our national flag in our college. Our college chairman and secretary hoisted our national flag in the presence of our College trustee, Executive director, Principal, Heads and Faculty members.

International Women's Day:

International women's day was celebrated on March 8th by conducting an event for our housekeeping staff. The event highlighted the invaluable contribution of those women in maintaining our environment clean and neat.

Honoring famous personalities: Students and faculty members of MKCE honored and remembered Kamarajar on his Birthday. On his birthday, all offered floral tribute to his portrait and remembered his contributions. **Festivals:** MKCE celebrated Pongal, Onam, Ayuthapooja festivals inside the college premises with all the students and staff members irrespective of their state, religion, culture, etc. Various traditional events like Rangoli, Rope pulling, pot breaking, etc were also conducted for the students in order to promote our cultural values.

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

7.2 - Best Practices

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

Best Practice 1: Students' skill development through Online Learning Platforms

Online platforms cater to a wide variety of skills which makes learning accessible and flexible. Codetantra is one of the online learning and assessment platforms which mainly focuses on programming and coding skills. From first year onwards, Students at MKCE use this platform to learn coding with the user name assigned to them from first year onwards. Further, Faculty members assess the students' coding skills easily through the above platform. Added to

that ,Hackerrack, Skillrack, NPTEL, Coursera etc are the other Online platforms utilized by the students to develop their skills and meet out the expectations of the Industries.

Best Practice 2:Project Based Learning

Project based learning helps the students acquire deeper knowledge and skills in a particular subject and improve critical thinking skills, problem solving skills etc. Students work on minor projects in their second and third year under the guidance of the faculty members .The minor projects are done as a team which mainly deals with the real life challenges or scenarios. This project based learning also encourages teamwork, wherein the students share their ideas with others and learn from others. Students in their final year work independently on their major projects by applying the theoretical knowledge gained to solve real world problems. Students' research abilities are also enhanced, and it assists them in getting their work published in a journal.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://mkce.ac.in/files/other/ibp.pdf |
| Any other relevant information | https://mkce.ac.in/aqar/7.2.1.1.pdf |

7.3 - Institutional Distinctiveness

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

MKCE is one of the prestigious institutions which primarily focus on creating different learning platforms to the students and enhancing their employability skills. Learning various foreign languages as an elective is one of the platforms introduced in the 2023 Regulation. Here, German, Japanese, and English have all been included as language electives. Students in their second semester, select and study a language course based on their interest and level of study.

In particular, students can continue taking Japanese language course until they pass the JLPT N5 Level exam. Students can proceed with the course and sit for the JLPT N4 and N3 levels, if they pass the N5 level. It increases students' potential and work opportunities, particularly in multinational corporations. Many MKCE students who have passed N5 & N4 JLPT exams were offered with high-paying positions in multinational companies in Japan.

Additionally, learning a new language helps students become more creative and prepare them to work and succeed in global settings. Students' self-discipline and confidence are also enhanced.

Thus, the opportunity provided to acquire foreign languages has attracted more number of students towards MKCE and it makes our institution stand distinctive.

| File Description | Documents |
|---|---|
| Appropriate link in the institutional website | https://mkce.ac.in/aqar/7.3.1.2.pdf |
| Any other relevant information | View File |

7.3.2 - Plan of action for the next academic year

M.Kumarasamy College of Engineering is one of the reputed institutions which have a clear vision to emerge as a leader among the top institutions in the field of technical education by providing smart technocrats with empirical knowledge. Every year, its primary focus is on making the students exposed to different learning platforms and enhancing their skills in different areas. plan of action for the next academic year includes: 1. To serve the society by involving the students in developing community service projects with high efficacy. 2. To ensure increased involvement in sponsored research works. 3. To develop a curriculum incorporating the NEP requirements. 4. To build modernized skill labs and enrich the student skill set as per the current Industry, National and Global needs.