



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution	
	R.M.K. College of Engineering and Technology
• Name of the Head of the institution	Dr. K.Ramar
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04467900679
• Mobile No:	9443980877
• Registered e-mail	principal@rmkcet.ac.in
• Alternate e-mail	iqac@rmkcet.ac.in
• Address	RSM Nagar ,Puduvoyal
• City/Town	Gummidipoondi Taluk
• State/UT	Tamil Nadu
• Pin Code	601206
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing

• Name of the Affiliating University	Anna University, Chennai
• Name of the IQAC Coordinator	Dr. G Devi
• Phone No.	04467900679
• Alternate phone No.	04467900679
• Mobile	9940326350
• IQAC e-mail address	iqac@rmkcet.ac.in
• Alternate e-mail address	devi.g@rmkcet.ac.in
3. Website address (Web link of the AQAR (Previous Academic Year))	https://rmkcet.ac.in/docs/AQAR-2019-2020.pdf
4. Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.14	2017	30/10/2017	29/10/2022

6. Date of Establishment of IQAC 20/02/2017

7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
CSE DEPARTMENT	STTP	AICTE	2020-2021	3,00,000
CSE DEPARTMENT	ATAL	AICTE	2020-2021	93,000
MECHANICAL ENGINEERING DEPARTMENT	STTP	AICTE	2020-2021	3,60,000
ECE DEPARTMENT	STTP	AICTE	2020-2021	2,93,667
ECE DEPARTMENT	National Conference	AICTE	2020-2021	50,000
INSTITUTION'S INNOVATION COUNCIL	Mentor -Mentee	MoE & AICTE	2021-2022	2,00,000
8. Whether composition of IQAC as per latest NAAC guidelines			Yes	
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 			No File Uploaded	
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 have been uploaded on the institutional website? 			Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 			No File Uploaded	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?			No	
<ul style="list-style-type: none"> If yes, mention the amount 				

Plan of Action	Achievements/Outcomes
<p>•To conduct Faculty Development Programs for faculty quality improvement</p>	<p>? ECE Department conducted Online Faculty Development Program on the topic "Fundamentals of Image Processing", on 26.06.2020. ? The ECE Department Conducted AICTE Sponsored Six Days Short Term Training Programme (STTP) on the topic "Supervised And Unsupervised Machine Learning Using Google Cloud", it was conducted in three different slots: First Slot from 12th to 17th Oct. 2020, Second Slot from 02.11.2020 to 07.11.2020, and the Third Slot from 16.11.2020 to 21.11.2020. ? The Mechanical Engineering Department organized AICTE sponsored six days online STTP on 'Manufacturing applications of micromachining with emphasis on make in India' in three phases: First Phase from 19.10.2020 to 24.10.2020, Second Phase from 16.11.2020 to 21.11.2020 and third phase from 14.12.2020 to 19.12.2020. ? The Mechanical Engineering Department organized AICTE sponsored six days online STTP on 'Electric Vehicles: An opportunity for India' in three phases: First Phase from 13 July to 18th July 2020, Second Phase from 3rd August to 8th August 2020 and third phase from 13 July to 18th July 2020</p>
<p>To improve the students 'placement percentage • Exposure in recent technologies through CoEs has been planned. • Identifying the Industry needs to facilitate exposure of</p>	<p>• Students were selected based on the Coding skills during 3rd year • Mentoring was done on 3:1 ratio (Students : Industry Expert) • Students are trained to learn Japanese language and</p>

<p>current Industrial trends to the students. • More focus to be given for GDs and Presentation activities in Communication Skills Laboratory.</p>	<p>complete N5, N4, N3 certification courses. • Introducing Webinar for 24 hours has a very strong impact on honing the programming skills. Conversion rates in the Day one are better compared to other Institutions. • Students after the initial AMCAT Exam are grouped based on the scores and customized training is given. • Based on the Vision programme for I year, students are given Entrepreneurship Workshop for One Day. • Counselling was given to the I year students based on the Vision diagnostic tests.</p>
<p>To increase the students progressing to higher education the following programs have been planned. • Training on MBA, CAT, GRE / TOEFL / IELTS Examinations for II year students. • Training on Education in USA/UK/Germany/Netherland to III year and IV year students • A programme on "Education fair" based on higher education to final year students</p>	<p>• Total 25 programs were conducted</p>
<p>To increase the Entrepreneurial culture among students the following programs have been planned. • Intercollege EDC contest • EDII, Govt. of TN approved E-Learning (Learnwise course) on Entrepreneurship development to be organised for second and Third year students • Startup initiative - Making students to apply • Project development through Business Incubator</p>	<p>• Two teams have participated in Toycathon 2021 national level contest and one team has won prize in the Grand Finale. • Two students have become Entrepreneurs • Got approval under Mentor - Mentee scheme to guide FIVE Institutions • 14 Faculty members have completed Innovation Ambassador training 108 programs have been organised related with EDC and IIC</p>
<p>Feedback from all parameters to be received</p>	<p>Feedback collection process for the year 2020-21 was done as per</p>

	<p>the schedule and the Report along with Action taken Report was discussed in the fourth IQAC meeting of the year 2020-21.</p>
<p>Research and Development : ? Preparing to apply for Research Grants to Funding Agencies ? Encouraging faculty members to publish quality research papers reputed journals ? To send highly commendable Eco friendly projects to various funding agencies</p>	<p>? Submitted 14-Projects, 10 Event proposals ? Research paper publications in Scopus was 97 and in WOS was 35 ? Total patent filed and published was 24 ? Received fund (Rs.859800) for 8 projects</p>
<p>Value Added Courses to increase employability skill</p>	<p>Value added courses namely Object Oriented programming through python,Machine learning using python,PLM,Automotive electronics, Factory Automation lab,Embedded systems were provided.</p>
<p>NBA Audit and Academic Audit</p>	<p>? Submitted compliance report to NBA and got one year extension for renewal of accreditation. ? Academic Audit for the year 2020-21 was conducted in the month of March'2021. The suggestions for improvement given by the Auditors were discussed .</p>
<p>ISO Audit</p>	<p>? ISO Internal Audit was held on 22-01-2021 ? ISO External Audit was held on 1-02-2021.Risk and Opportunity Assessments and mitigation plans in all processes were done in the beginning of the year, as a part of preventive action as suggested by the External Auditors.</p>
<p>13.Whether the AQAR was placed before statutory body?</p>	<p>Yes</p>

- Name of the statutory body

Name	Date of meeting(s)
Governing Body Meeting	23/10/2021

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020	17/02/2020

NVAAC

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	256
File Description Data Template	Documents View File
2.Student	
2.1 Number of students during the year	1676
File Description Data Template	Documents View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	240
File Description Data Template	Documents View File
2.3 Number of outgoing/ final year students during the year	452
File Description Data Template	Documents View File
3.Academic	
3.1 Number of full time teachers during the year	128
File Description Data Template	Documents View File
3.2 Number of Sanctioned posts during the year	127
File Description Data Template	Documents View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	52
4.2 Total expenditure excluding salary during the year (INR in lakhs)	1926.55
4.3 Total number of computers on campus for academic purposes	696
Part B	
CURRICULAR ASPECTS	

1.1 - Curricular Planning and Implementation

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

For the effective implementation of the curriculum, various action plans are formulated by the Academic Committee headed by the Principal.

The Academic Committee headed by the Principal plans the Institution's academic schedule as per the University calendar which includes the details of number of working days, lecture hours, conduction of periodic tests, end semester end examinations, evaluation plans, co curricular, extracurricular activities and the same is conveyed to all faculty members. The HODs conduct meetings with the faculty members regarding the following:

1. Allocation of the subjects is based on the faculty members' area of specialization, experience, results, feedback and willingness.
2. Standard text books and reference books are prescribed as per the requirement of department faculty and students.
3. Course delivery Plan is prepared by subject faculty as per standard format of the institution which gives lecture plan schedule.
4. Faculty members are encouraged to impart the curriculum through innovative teaching methods such as multimedia presentations, seminars, industrial visits, etc apart from the regular teaching methods.
5. Conduct of mini projects, two continuous Assessment Tests and one model examination in each semester as per the academic calendar.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://rmkcet.ac.in/adm_academicschedule.php

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

The College relies on the Quality concepts in the teaching strategy. Institution's academic schedule is prepared as per the University calendar which includes the details of number of working days, conduction of periodic tests, semester end examinations, evaluation plans. Preplanned academic calendar which adheres to the Anna University schedule is given at the commencement of the semester. In addition to the regular classes, the College also schedules special lectures by inviting resource persons from various fields to share their knowledge and experiences with the students. The College also schedules special Personality Development and skill development Programs for the holistic development of students. Systematic examination process and evaluation are included in the academic calendar

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://drive.google.com/file/d/1VoMtfWRRLER YXmJ96Kt7pS6xlhFqjsOU/view?usp=sharing

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

D. Any 1 of the above

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

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

05

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

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

22

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

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

1516

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

1516

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

1.3 - Curriculum Enrichment

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

The various cells and forums ensure the integration of cross cutting issues into the curriculum such as:

Professional Ethics

Gender Cell and Women Empowerment Cell

Human Values

Environmental Science and Engineering

Professional Ethics: As per the prescribed syllabus of Anna University, students of all branches undergo a course on Professional Ethics in the VII semester ECE Branch. The course enables the students to create awareness on Engineering Ethics and Human values, to instill moral, social values and loyalty and also to appreciate the rights of others.

Women Empowerment Cell: To facilitate a gender-sensitive and friendly environment in our campus, the cell takes care of the issues related to gender if any and also specifies gender equality through International Women's Day celebrations. Importance is also given for empowering women Leadership.

Human Values: Induction Training Programme on human values was organized by the department of Science and Humanities for the first year Bachelor of Engineering students from 10.08.2019 to 17.08.2019 with an objective to orient, motivate and instill human values in the fresh minds. Motivation towards imbibing human values has become the call of the day and the need of the hour. Human values are important because they help an individual to grow and develop holistically. Induction Training Programme (ITP) was split into five different modules considering the most essential aspects to be learnt. It was executed in such a way that all the students were trained in all the modules.

Environmental Education: As per the prescribed syllabus of Anna University, students of all branches undergo a course on Environmental Science and Engineering in the III/ IV/ V semester. The course covers all the aspects of the environment such as natural resources, biodiversity, pollution, alternate energy sources and

human intervention - causes and effects and social ethics. Environmental awareness is given more center of attention in National Science Day project exhibits and in seminars organized in the campus. Research papers published and paper presentations include "Global Environmental protection and safety" in the conferences organized by the Institution. Rainwater harvesting helps in maintaining a green campus.

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

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

06

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

524

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://drive.google.com/file/d/11qo2ast4SBC0XJO3yVql_efjTIAazxsf/view?usp=sharing

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

392

2.1.1.1 - Number of sanctioned seats during the year

480

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

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

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

392

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Assessment occurs at various levels in the Institution. The entry-level assessment involves collecting quantitative and qualitative information about student's learning levels at the entry itself.

Special facilities for advanced learners:

1. Awards for Meritorious students.
2. Books for Meritorious students.
3. Practical training with scope for mini-projects.
4. Value Added Courses and Online e-Learning courses relevant to respective discipline.
5. Motivation for participation in co-curricular activities - Seminar, Paper Presentation, Quiz, and Competitions.
6. Facility to become a member of Centre of Excellence / Entrepreneurship Development Cell.
7. Motivation for Industry Internship.
8. Facilities to learn Foreign Languages.
9. Encouragement in sports and games.

Special initiatives for slow learners:

1. Slow learners are segregated into small groups.
2. They are monitored through Mentoring and counseling on regular basis.
3. Discussions with the parents on assessing the reason for poor performance and remedial measures to improve academic performance.

File Description	Documents
Link for additional Information	https://nextgen.rmkcet.ac.in/
Upload any additional information	View File

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

Number of Students	Number of Teachers
1676	128

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Student-centric methods serve as an integral part of the pedagogical techniques employed by the faculty of the college. The methodology involves project-based/experiential learning, participative learning, and problem-solving methodologies with more responsibility and autonomy for the student to deeply study and understand the subject with the role of a teacher as a facilitator rather than an instructor.

The college has established several centres of excellence in collaboration with industry. The students are grouped as per their choice, into one of these centres. The training didactics for these centres are provided by the industry. The students are encouraged to demonstrate their knowledge and practical skill by undertaking mini-projects through simulation and hardware development and participating in project contests. A panel of experts from the industry reviews the projects. The Students are encouraged to

participate in Professional societies, Technical Workshops, Intra Department Project Contests, Seminars, Symposiums, Paper presentations in Conferences. In addition, Industry visits, In-Plant Training, and Internship are also arranged for the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://rmkcet.ac.in/mech-innovativetech.php

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

ICT-enabled technologies have become a key consideration in the curriculum framework. The classes were scheduled in Google meet during the pandemic situation. The faculty uses ICT-enabled tools such as PPT, Videos for online teaching. The faculty also uses additional online platforms such as quizzes, crosswords, Google classroom, etc for an effective teaching-learning process.

Faculty members employ electronic resources from platforms such as NPTEL and COURSERA to stay up to date on recent technology. Digital material for all the subjects is shared on the College website which consists of notes, activity-based learning, real-time applications, mini-projects, etc a new era in the teaching-learning process.

The institution provides the complete infrastructure for ICT-enabled teaching-learning processes and for content development by the faculty. Facilities such as seminar halls, smart classrooms, LCD projectors, video cameras, Internet, and Wi-Fi etc.

The Institution uses an AI-Driven Personalized Hybrid Learning Platform RMK NEXTGEN for Engineering education which aids in imparting a highly efficient, personalized, and exciting learning experience. Its unique features bridge the gap between the students' skills set and corporate expectations.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://rmkcet.ac.in/mech-study-materials.php

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

2.3.3.1 - Number of mentors

128

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

2.4 - Teacher Profile and Quality

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

128

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

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

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

33

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

5.91

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Internal assessments are conducted as per the academic calendar. The academic calendar with test schedule will be given to students at the beginning of each semester. The question bank is prepared for each course by an experienced course coordinator nominated for each course by extracting and consolidating the questions prepared by different faculty handling the same course. The question bank covers Part - A, Part - B, and Part C questions. The final question paper is generated using Smart Pick SoftWare to assure transparency.

Any correction in the internal assessment question paper will be intimated to the students immediately with the permission of Head of the Institution. All assessment tests are evaluated with an answer key scheme by subject teachers. After the evaluation process, papers are distributed to the students. The faculty discuss the answer key in the class after every internal test to clarify their doubt and enable them to perform well in the forthcoming

examination. Any discrepancy in the marks awarded to the answers will be resolved by the faculty immediately and the marks will be updated.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1_32uxvxgdIhcCaAbqbTObGA3ZJeVfgH5/view?usp=sharing

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

Internal assessments are conducted as per the academic calendar. The academic calendar with test schedule will be given to students at the beginning of each semester. Any correction in the internal assessment question paper will be intimated to the students immediately with permission of Head of the Institution. All assessment tests are evaluated with an answer key scheme by subject teachers. After the evaluation process, papers are distributed to the students. The faculty discuss the answer key in the class after every internal test to clarify their doubt and enable them to perform well in the forthcoming examination. Any discrepancy in totaling, marks awarded to the answers will be resolved by the faculty immediately and the marks will be updated.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1mRE002Ci7gm_cTeigwZtrN8kYeEwLNX-/view?usp=sharing

2.6 - Student Performance and Learning Outcomes

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

Program outcomes, program-specific outcomes, and course outcomes for all programs offered by the institution are stated and displayed on the website of the institution (to provide the weblink)

The common link for all the department PO, PSO & CO:

<https://rmkcet.ac.in/alldept-cos.php>

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://rmkcet.ac.in/alldept-cos.php
Upload COs for all courses (exemplars from Glossary)	View File

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

The CO attainment for each course is obtained from Direct and Indirect Assessment as detailed below

Direct Attainment for each course = 60% weightage of University exam + 40% weightage of Continuous Assessment

Indirect Attainment for each course = Course End survey

Overall Attainment for each course = 95% of Direct Attainment+5% of Indirect Attainment

The assessment of Program Outcome is carried out using data collected from Direct and indirect methods.

The PO attainment is calculated by fixing weightage as follows

PO Attainment = 80% of Direct Attainment + 20% of Indirect Attainment

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/file/d/1wyPHnXa8ogHUjbIvn7IUjb-ZTihZngYE/view?usp=sharing

2.6.3 - Pass percentage of Students during the year

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

452

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://docs.google.com/spreadsheets/d/1USZ4mimrP6EsegV37lF0gtlSL-A5V70_/edit?usp=sharing&ouid=103253604328953622937&rtpof=true&sd=true

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://rmkcet.ac.in/docs/IOACReport/SSS-2020-2021.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

8,89,800

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

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

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

2

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

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

107

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

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

173

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

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

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

136

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

3.3 - Extension Activities

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

Our Institution promotes various societies like NSS, YRC, etc. Youth Red Cross (YRC) organizes a Blood donation camp, Tree plantation, and First Aid Awareness camp regularly. Regular blood donation camps bring awareness to students about the value of life and their own contribution to saving lives. International Women's day, National Science day, etc., are frequently conducted. The faculty members and students are much aware of the social realities and their responsibilities in addressing social issues. Social responsibility programs are designed in such a way that the students get due exposure to the realities of life and realize their responsibilities.

The faculties of the Institution came forward to their salary to the Tamil Nadu Chief Minister's Public Relief Fund for COVID-19 relief. The college had distributed food to over 1,500 migrant laborers affected by the lockdown restrictions last year, and its staff of about 500 had then donated their one-day salary, amounting to over Rs. 4 lakhs, to the CM's relief fund. The institution conducted awareness programs on COVID-19 virus and safety/precautionary methods in several villages in Thiruvallur district during March 2020, distributing pamphlets in Tamil through panchayat offices and door-to-door campaigns.

File Description	Documents
Paste link for additional information	https://rmkcet.ac.in/nss_about.php
Upload any additional information	View File

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

1

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

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year**3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

3

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year**3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

359

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

3.4 - Collaboration

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

246

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

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

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

12

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college runs 5 departments. In total, there are 55 laboratories, 48 classrooms, and 4 seminar halls that are enabled with ICT facilities. Apart from the curriculum, the laboratories are effectively utilized to conduct technical training for students, value-added courses, and project work. Proper calibration/serving is done and verification of stock takes place at the end of every year. Self-developed software, CPT software, is used to maintain all academic-related details of the students. Smart Pick Software is used for generating question papers for every assessment exam from the question bank. The Central Library of the college is fully automated through the Standard Library Software package.

The global outbreak of COVID-19 Pandemic has created an impact on the teaching-learning process, which has provided us with an opportunity to pave a way for introducing digital learning. Some of the online platforms used by the faculties of the institution far include unified communication and collaboration platforms such as Zoom Meet, Google Classroom, Canvas, and Blackboard, which allow the teachers to create educational courses, training, and skill development programs. The RMK-NextGen App(Powered By Edwisely) is an exclusive app used by the faculties and students of the institution along with Google Classroom.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1_yUSnFR3I_qyDr-aipy003TcPP-e7mAI?usp=sharing

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

The department of Physical Education of the institution has made tremendous progress in sharpening and shaping the various skills in sports, increasing mental strength, and inculcating the eagerness in students to excel in their performances, thereby enabling them to outshine and register remarkable feats in their respective sporting events. Facilities for playing indoor and outdoor games are provided for the students. A well-qualified Physical Director is appointed to

train and monitor all sports and games activities. There is an excellent outdoor sport infrastructural facility provided for the students. The outdoor infrastructure includes Cricket grounds, Basketball courts, Football grounds, Tennis Courts, Badminton Courts, Volleyball Courts, Throw Ball Courts, Tenkiot Courts are maintained properly. The Available Indoor game infrastructure includes Table tennis, Carroms, and Chess. There is a Gymnasium for boys and girls on the campus. The 400mts Athletic track and Field of International standard has been commissioned for the students to develop their sports personality. Around 400 sqm area is allotted by the college for yoga practice. International Yoga Day is celebrated every year by inviting experts from various organizations. All the courts, sports, and games equipment are periodically maintained. The institute encourages students to participate in regional, university, national and international level events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rmkcet.ac.in/gym.php

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

52

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

48

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rmkcet.ac.in/cse-laboratory.php
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

4,21,80,043

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

4.2 - Library as a Learning Resource

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

The College Library and Information Centre have resources facilitating the Students with the latest Technology in accordance with the International Standards. The College Library Contains 25302 Volumes of books with 5397 titles and 1735 CDs. The Library also subscribes to 10966 E-Books, 36 Journals, 259 e-Journals, 38 Magazines, and 11 newspapers. To add to the wealth of options, RMKCET also has institutional membership in the Libraries of Anna University, British Council, DELNET (Developing Library Network, New Delhi), IEI, and IETE. The Library Services are automated through the Standard Library Software package called AutoLib 5.2 version. AutoLib 5.2 software is a fully integrated, versatile, user-friendly, cost-effective and multi-user Library automation software. The Circulation System is fully computerized and all the documents are bar-coded.

Name of ILMS software	Nature of automation (fully or partially)	Version	Year of Automation
AutoLib Software Systems	Major Functions are Automated	5.2	2008

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://rmkcet.ac.in/about-library.php

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 365 541 421">File Description</th> <th data-bbox="549 365 1471 421">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 432 541 521">Upload any additional information</td> <td data-bbox="549 432 1471 521">View File</td> </tr> <tr> <td data-bbox="86 533 541 694">Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)</td> <td data-bbox="549 533 1471 694">View File</td> </tr> </tbody> </table>	File Description	Documents	Upload any additional information	View File	Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File			
File Description	Documents								
Upload any additional information	View File								
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File								
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)									
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)									
Rs , 10 , 72 , 480									
<table border="1"> <thead> <tr> <th data-bbox="86 1037 541 1093">File Description</th> <th data-bbox="549 1037 1471 1093">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1104 541 1149">Any additional information</td> <td data-bbox="549 1104 1471 1149">View File</td> </tr> <tr> <td data-bbox="86 1160 541 1216">Audited statements of accounts</td> <td data-bbox="549 1160 1471 1216">View File</td> </tr> <tr> <td data-bbox="86 1227 541 1388">Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td> <td data-bbox="549 1227 1471 1388">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Audited statements of accounts	View File	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File	
File Description	Documents								
Any additional information	View File								
Audited statements of accounts	View File								
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File								
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)									
4.2.4.1 - Number of teachers and students using library per day over last one year									
250									
<table border="1"> <thead> <tr> <th data-bbox="86 1686 541 1742">File Description</th> <th data-bbox="549 1686 1471 1742">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1753 541 1798">Any additional information</td> <td data-bbox="549 1753 1471 1798">View File</td> </tr> <tr> <td data-bbox="86 1809 541 1899">Details of library usage by teachers and students</td> <td data-bbox="549 1809 1471 1899">View File</td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Details of library usage by teachers and students	View File			
File Description	Documents								
Any additional information	View File								
Details of library usage by teachers and students	View File								
4.3 - IT Infrastructure									
4.3.1 - Institution frequently updates its IT facilities including Wi-Fi									

The institution has a well-established IT infrastructure and updates its laboratories including hardware, system and application software, and Wi-Fi connectivity periodically. Our college provides computer laboratories for every department with the required software. It also holds the Microsoft Campus Agreement (MCCA) to make use of Microsoft productivity software for the benefit of students. Internet bandwidth of 195Mbps in 2017 was upgraded recently to 310Mbps in 2019. All the 726 computers on the campus are connected through the Local Area Network (LAN). There are two Intel XEON 3220/intel s3000AH server board/250X2GB HDD/1GBX2 RAM, two more servers with Intel(R) Xeon(R) CPU E5-2403/16GB RAM/HDD 2TB and one Intel(R) Xeon(R) CPU E5-2630/24GB RAM/HDD 2TB/20" server. Computer laboratories are kept open up to 7.00 P.M. for the utilization and comfort of staff and students. A separate internet lab is also provided to the students. Wi-Fi facility is available in the Hostel premises. Students and staff can access the internet from their own laptops anywhere on the hostel campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rmkcet.ac.in/361.php

4.3.2 - Number of Computers

696

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

7,02,25,695

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

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

The college runs 5 departments. In total, there are 55 laboratories, 48 classrooms, and 4 seminar halls that are enabled with ICT facilities. Technical assistants under the supervision of the System administrator maintain the efficiency of the computers and corresponding accessories. Apart from the curriculum, the laboratories are effectively utilized to conduct technical training for students, value-added courses, and project work. The Central Library of the college is fully automated. Separate hostels are provided for boys and girls. A clinic, with beds along with a resident Doctor Facility, is available to take care of the health requirements of the students. Healthy and nutritious food is served for all the inmates of the college. A transport facility is provided for students and staff members with 27 buses to various areas in and around Chennai. The college has a maintenance committee that oversees the maintenance of buildings, classrooms, and laboratories. Classrooms, Staff rooms, Seminar halls, and Laboratories, etc is cleaned and maintained regularly by staff assigned for each floor. Washrooms and restrooms are well maintained. Dustbins are placed on every floor. The Green Cover of the campus is well maintained by full-time gardeners

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rmkcet.ac.in/sports.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

299

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

05

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 439 550 506">File Description</th> <th data-bbox="550 439 1476 506">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 506 550 656">Link to institutional website</td> <td data-bbox="550 506 1476 656"> https://rmkcet.ac.in/index.php , https://rmkcet.ac.in/plmnt-training.php </td> </tr> <tr> <td data-bbox="86 656 550 723">Any additional information</td> <td data-bbox="550 656 1476 723"> View File </td> </tr> <tr> <td data-bbox="86 723 550 869">Details of capability building and skills enhancement initiatives (Data Template)</td> <td data-bbox="550 723 1476 869"> View File </td> </tr> </tbody> </table>	File Description	Documents	Link to institutional website	https://rmkcet.ac.in/index.php , https://rmkcet.ac.in/plmnt-training.php	Any additional information	View File	Details of capability building and skills enhancement initiatives (Data Template)	View File	
File Description	Documents								
Link to institutional website	https://rmkcet.ac.in/index.php , https://rmkcet.ac.in/plmnt-training.php								
Any additional information	View File								
Details of capability building and skills enhancement initiatives (Data Template)	View File								
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
Nil									
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year									
<table border="1"> <thead> <tr> <th data-bbox="86 1182 550 1249">File Description</th> <th data-bbox="550 1182 1476 1249">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1249 550 1373">Any additional information</td> <td data-bbox="550 1249 1476 1373"> View File </td> </tr> <tr> <td data-bbox="86 1373 550 1597">Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)</td> <td data-bbox="550 1373 1476 1597"> View File </td> </tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File			
File Description	Documents								
Any additional information	View File								
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File								
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above								

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

295

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

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

5.2.2.1 - Number of outgoing student progression to higher education

23

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg:

JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

25

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

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

25

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

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

R.M.K. College of Engineering and Technology believes that "Today's students are tomorrow's responsible citizens and capable leaders". For this along with imparting education, we work towards the overall development of the students enrolled here. There are various committees and clubs to facilitate this in various capacities. Starting from first year, students are made members of various clubs, ISTE student chapter and subsequently the members of different professional bodies thereby they get many opportunities to participate in cocurricular activities like paper presentation,

project contests etc. The institution is always open to the opinions and suggestions to the student community. For this different forum are provided that are enlisted below.

a) **Class committee** : Every batch of students in each department has a representative body for active involvement in the department activities. Representatives of hostellers, day-scholars and male and female students constitute this body. A minimum of three meetings are held per semester.

b) **Students' Association of each department**: This is formed in support with one of the related professional bodies like CSI for CSE department, IETE for EEE department, IET & IEI for ECE department and ASME for mechanical department.

c) **Symposium & Conference Committees**: Every department conducts students' symposium and national/international conferences annually. The students' committees play a pivotal role in the successful conduction of these events.

d) **Sports and Cultural Committees**: Sports and cultural events are conducted every year for improving the physical and mental fitness of the students and see very good participation from the students. Students form committees to organize various events.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/u/0/folders/1-C2yVoYKuyI-xTHDbXgCpc6dvy_JxTUD
Upload any additional information	View File

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

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

61

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Alumni are the brand ambassadors of any institution in the outside world and RMKCET alumni are no exception. We have a strong network of alumni with the institution who continuously interact with the students and faculty members providing support at each phase of the student community. They are ready to help the students during the placement period as well as other periods of their studies. Students continuously interact with the alumni for guidance and tips for getting good placement and/or studies. The services rendered by RMKCET Alumni to the existing are listed below:

1. Coding classes to improve the programming skills of students.
2. Mock interviews to mitigate the fear and boost students' confidence in facing interviews.
3. Referral system to promote the absorption of freshers in their company.
4. Arranging industrial visits and internships for the students.
5. Conducting webinars by Alumni abroad for guiding the students regarding their studies in foreign universities.
6. As members in Board of Studies, they give valuable suggestions in curriculum improvement keeping an eye on the industry requirements.
7. Supports in organizing alumni meet locally as well as

globally.

Every year Alumni meet is conducted at a place which is feasible for the alumni to join and rejoice. An NRI alumni meet for those in USA was held in April-May 2019 and was attended by many from different parts of USA.

File Description	Documents
Paste link for additional information	https://rmkcet.ac.in/alumni.php
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

VISION

To be knowledge hub of providing quality technical education and promoting research for building up of our nation and its contribution for the betterment of humanity.

MISSION

To make the best use of state-of-the-art infrastructure to ensure quality technical education.

To develop industrial collaborations to promote innovation and research capabilities.

To inculcate values and ethics to serve humanity.

The perspective plans of the Institution reflects the vision and mission of the institution in terms of quality technical education,

research, contribution to society and creation of enlightened citizen with ethics and values. Governing Council meetings are conducted once in six months to review and decide on the action plans in line with the vision and mission of the institution. Based on that, Principal gives instructions to Head of the Departments and other stake holders for attaining quality enhancement of academic, extra and co- curricular activities. HODs discuss with the faculty members and prepare the action plan and will be approved by the Principal. Academic calendar will be prepared by the academic coordinator. HODs execute, monitor and review the process every month and communicate the prevailing activities to the Principal periodically.

File Description	Documents
Paste link for additional information	https://rmkcet.ac.in/vision.php
Upload any additional information	View File

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

Case study - Teaching Learning Process: Principal, Academic Coordinator, Heads of the departments, Year coordinators, class advisors, subject coordinators, subject handling faculty and counselors are involved in maintaining the quality of teaching and learning process. Subjects are allocated to the faculty by the Heads of departments. Academic calendar is prepared in advance by academic coordinator. Based on that, Lecture plan will be prepared by subject handling faculty. Head of the department monitors all academic and administrative activities of the department. Year coordinators ensure smooth conduct of theory and practical class. Class advisors monitor attendance of students and prepare the daily attendance report. Counselors interact with students and motivate them to excel in academics. The capability of the student will be jointly assessed by the subject handling Faculty and counselor and motivated accordingly. Based on the interest of individual students, they are motivated to participate in extra and co-curricular activities. Placement coordinator takes care of the on campus recruitment. Similarly higher education, Entrepreneurship, Industry interaction, Cultural and Sports activities are taken care by respective cell coordinators. Academic audit will be planned and conducted by the IQAC cell to ensure the quality of teaching and learning.

File Description	Documents
Paste link for additional information	https://rmkcet.ac.in/admn_committee.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Industry interaction/Collaboration

R.M.K. College of Engineering and Technology has pioneered in establishing relationships with Industries. The industry collaboration focus on Research and Consultancy. Our college has established 12 centres of excellence jointly with industries various trust areas. Cognizant, I-Nautix, Tata Consultancy Services, Virtusa, PTC, Wipro, ReliaSoft, KPIT, Hitachi solutions and Mitsubishi Electric are some of the companies with whose collaboration labs are setup in the campus. Research, Skill development and placement training are the activities done through CoE. 26 MoUs have been signed with Top MNCs such as Soliton Technologies Pvt. Ltd., Infosys Campus Connect Ltd., S P Robotics Work Pvt. Ltd., Mitsubishi Electric India Pvt. Ltd., Excel Industries Ltd, Nutech CNC Pvt. Ltd., Metagarage, Virtusa Polaris Pvt. Ltd., iNautix Technologies Ltd., Johnson Controls India Pvt. Ltd., Poseidon Group of Company, Nittan India Tech Pvt. Ltd., KPIT Technologies Ltd., SunLite Software Solutions, Hitachi Solutions, Computer Science Corporation, Parametric Technology Pvt Ltd, Metamorphosis, Kamatchi Industries Ltd, Meta Techgarage and MosIC Solutions Bangalore for industry interaction.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://rmkcet.ac.in/introduction.php
Upload any additional information	View File

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

The Chairman monitors the overall administrative aspects of the

Institution. The major decisions regarding developmental plans are discussed in the Governing council meetings. Principal is the academic and administrative head to decide on academic and non-academic activities. The Head of the Departments are responsible for academic and administrative functioning of the departments. The teaching Faculty takes care of the curricular, co-curricular and extra-curricular activities. The Physical Director is responsible for sports activities. The Librarian plans for procuring of books and maintains all functions of Library. The Exam cell plans and conduct Internal assessment test, Model examination and end semester examinations. The placement cell organize campus interviews for the final year and pre-final year students. The Administrative officer is in charge of the office. The System Administrator upkeep, configures and maintains operation of college servers, updates college website, arranging on-line feedback.

File Description	Documents
Paste link for additional information	https://rmkcet.ac.in/index.php
Link to Organogram of the Institution webpage	https://rmkcet.ac.in/adm_organisational_chart.php
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

- In campus quarters for Faculty.
- Hostel accommodation for single occupant.
- Medical leave is provided for the faculty members.
- The Institute provides transportation, breakfast, lunch and refreshment every day to all the teaching staff.
- Sponsorship for paper publication and Patent application.
- TA/DA also provided for attending workshops / seminars, conferences, etc.
- Gratuity
- EPF to all employees.
- Fees concession is provided to children of Faculty and Staff for admission to RMK group of Institutions.
- Special casual leave for a period of 5 to 15 working days for special occasions such as employee's wedding.
- Maternity leave is provided for women employees.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/123EcONAJHVsA4kdnrx3ng2KbnBhogCNI/view?usp=sharing
Upload any additional information	View File

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

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

2

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

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

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

30

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

92

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The institution has a structured Performance appraisal based on the following criteria, Experience (Teaching), Activities and Contribution made in academic and administration (Institution level, Department level), Publications, Academic research guidance,

Contributions towards Research and Development, Memberships, Distinguished Achievements and Feedback from students. Self Assessment form is circulated to all the teaching and non teaching staff at the end of every academic year, to be filled in by the staff and submitted to the head of the department within a stipulated time, with all documentary evidence to the claims made. In addition online feedback of the students are obtained for each subject teacher every semester. The head of the departments examine/verify the genuineness of the claim in the self assessment report by the staff and consolidates the self assessment and online feedback for each staff. Appropriate remarks and recommendations of the head of the department are also recorded in the space provided and is forwarded to the Principal. The appraisal is used as a tool to identify the improvement/training needs of the faculty and faculty are sponsored to attend faculty development programmes(FDP). Complete transparency is maintained in the entire assessment process.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1iA2CmPVHzZ-F9_CaHicKboFmI9S3oCaU/view?usp=sharing
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The college has an established system for internal and external audit. The internal audit is an ongoing continuous process. There is an accounts section functioning in the college which maintains all the accounts of income and expenditure and reports to the Chief Accounts Officer (CAO) appointed by the Trust managing this college. The CAO has total Internal Financial Control by proper scrutiny for all financial transactions to ensure whether the Statutory and other accounting are properly followed. The Objections raised are rectified then and there.

The External Audit is conducted twice / thrice in a year by the Chartered Accountant Firm appointed by The Management to verify and certify the entire Income and Expenditure and the Capital Expenditure of the college each year. Qualified external Auditors from the Chartered Accountant Firm do a thorough check and

verification of all vouchers of the transactions and relevant audit points raised are being settled then and there by the accounts department / CAO.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1DPeEVSziNTy-44HZ8rVXrOiXjZO495MZ/view?usp=sharing
Upload any additional information	View File

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

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

0

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

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

Mobilization of funds

The Trust has provided initial funding for the physical assets. Loans have also been taken from the Nationalized / Public Sector / Private Banks. As of now the only major income to the college is by way of fees collected from the students. The major expenditure is by way of the salary paid to the staff and maintenance of the infrastructure. The college also receives funding from various central agencies such as AICTE, DST etc for Projects, conducting seminars, workshops and short term training programs as sponsorship amount. This amount is exclusively used for intended purpose. Audited statement and utilization certificate are submitted to the respective agency after the completion of the event.

Optimal utilization of resources

Budget proposals are prepared by HoDs after consultation with teaching and technical staff members based on the requirements of the department and submitted to Principal at the beginning of every financial year. The Principal scrutinizes the budget and recommends the same to the Management for the approval. The Management sanctions the required amount as per the budget. The HODs of the respective departments are given the responsibility for proper utilization of the sanctioned budget

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1JE4bDGxYcvEclz4-FvOYbAd_v1ES30_D/view?usp=sharing
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

FEED BACK SYSTEM:

Our institution obtains feedback in the structured formats from various stakeholders like Students, Parents, Alumni, Faculty, and Employers for continuous refinement. The institute has developed a closed-loop feedback system for the same with the objective to enrich the curriculum and to improve the teaching-learning processes. All the feedbacks received are analyzed and consolidated reports are prepared to draw the conclusions. Based on the suggestions received, action taken report was prepared for improvement. Apart from this, all the departments conduct the Course End Survey and Student Exit Survey to assess the attainment of all the Courses and Programme. Thus the feedback given by the different stakeholders were analyzed and suitable action was taken so as to satisfy the expectations of all the stakeholders like students and employers etc. This further helped us to improvise our curriculum as per the expectations of the stakeholders.

ACADEMIC AUDIT:

Self-evaluation by Institutions can help improve the quality of the Teaching-Learning process. One of the tools available to measure the adequacy of quality of

learning is 'Academic Audit'. The academic audit provides an opportunity for a regular strategic overview of a college's teaching-learning process. The academic audit is carried out once in a year. The academic auditing is being conducted jointly by an Internal Quality Assurance Cell (IQAC) within the college and external academic auditor/auditors appointed by the College. The IQAC prepares academic audit statements in formats prescribed by the College. The external auditor, appointed by the College, will be a proven academicians, preferably Professors or Associate Professors from reputed Engineering Colleges. The external auditors visit their allotted Department and conduct audit. The external auditor shall prepare a report and submit to the Principal. The Principal takes necessary action on the observations made by the external auditor and ensures that compliance report is prepared by concerned HOD for further improvement in quality education imparted to students.

File Description	Documents
Paste link for additional information	https://rmkcet.ac.in/igac-about.php
Upload any additional information	View File

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

Example: 1 Miniproject Initiatives

The objective of this display is to bring awareness about the usefulness and importance of project contest. It will create awareness among students about the recent trends in the context of research and development. It helps the students by filling the curriculum gap between Education and Research. Also this programme will urge the students to think and invent something new on their own. The mini project is designed to help students to develop practical ability and knowledge about practical tools / techniques in order to solve real life problems related to the industry, academic institutions and computer science research. This kind of contest urges the students to think innovatively and made it possible for them to relate their academic knowledge to real time products available in the market. The Chief guest finalizing winners of Miniproject contest based on creativity, innovation and societal benefits.

Example: 2 RMK NEXTGEN APP

RMK NEXTGEN, an AI-Driven Personalized Hybrid Learning Platform for Engineering education aids in imparting a highly efficient, personalized, and exciting learning experience. Its unique features bridge the gap between the students' skills set and the corporate expectations. The App is designed to cater to the current educational needs of the students and thus prepares to have cutting edge knowledge on the rudiments of the subjects. The MCQs help students achieve the desired learning outcomes. After the conduct of each test, the result generated on the basis of Bloom's Taxonomy further facilitates both the faculty and the individual to assess the potential, preparation and performance. The subsequent tests help in the improvement of the performance of the students. Such technology enabled learning help students accomplish beyond the Syllabus and emerge as skilled professionals.

File Description	Documents
Paste link for additional information	https://play.google.com/store/apps/details?id=rmk.collegeeducator.edwisely.com
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://rmkcet.ac.in/igac-agar.php
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The college ensures gender equality in admissions, employment, training, sports and all other activities. All committees/cells have been constituted as per statutory requirement of UGC/AICTE/University.

Women Empowerment Cell: Women Empowerment Cell takes care of security arrangement for Girl students and Women Staff in the College campus. The members of the cell are all women, consisting of a coordinator, faculty and girl students from each department. Regular review meetings are conducted.

The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) has been implemented in the Institution, which covers all women, irrespective of their age or employment status and protect them against sexual harassment at workplaces.

All the faculty members have been advised to curtail gender biases within the classroom and teaching methods ensuring gender equity within teaching. Our faculty prepare students to seek knowledge and participate fully in discussions and other learning opportunities, regardless of their gender.

To maintain privacy as well as to eliminate untoward incidents, the Institution maintains separate common room for boys and girls. Apart from these every Department of the college has separate Faculty rooms for men and women.

File Description	Documents
Annual gender sensitization action plan	https://rmkcet.ac.in/admn_committee.php
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://rmkcet.ac.in/admn_committee.php

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

C. Any 2 of the above

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

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

The institution provides perfect waste management system for solid waste, liquid waste. Also, the waste water is recycled and used for gardening purposes. The total capacity of liquid waste recycled per annum is 2,30,000 litres / day (300 working days). Also 5 kg / day of kitchen waste, paper waste, e-waste etc. amounting 1500 kgper annum. (Average 300 working days) solid waste is managed. Kitchen waste is converted to biogas and the biodegradable waste is converted to bio manure through landfills. Paper waste is disposed through recyclers Venkatachalapathy papermill pvt ltd. E-waste is disposed through recyclers Virogreen Pvt Ltd. The capacity of the recycling pit in our campus is 3 lakhs litres/day. The total capacity of the organic manure generated per annum is 700kg/Annum. The generated organic manure is used efficiently for organic farming and Gardening.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://drive.google.com/file/d/1PoOgxJpcLtg2tXuSg52mEXvjas72ZATc/view?usp=sharing
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

A. Any 4 or All of the above

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

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the

D. Any 1 of the above

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

D. Any 1 of the above

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

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

In education it is important to promote understanding among

cultures- local, national, regional, linguistic and global for ensuring a peaceful, just and sustainable world. Integrated, values-based approach to education, should ensure cultural, economic and environmental factors and the socio- political issues, peace, equality and human rights and quality of life. The central theme in education should ensure the value of respect for sustainable development: respect for self, for others and for all life on earth. The emphasis should be on environmental sustainability as well. The Institution has implemented several initiatives to provide inclusive learning environment. Courses on Professional ethics and human values and Environment and Sustainability have been offered to the students.

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

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

Our institution always the reputation of imbibing moral values for our students and also being responsible citizens of our nation by involving in NSS and YRC movements. An Awareness Program to Prevent Outbreak of Novel Coronavirus Infection was conducted at R.M.K. College of Engineering and Technology. Dr.R.Govindaraj, Block Medical Officer, Gummudipoondi gave a clear explanation about the outbreak, spread and prevention of the epidemic. Preventive measures like washing hands 15 times a day and cleaning and spraying the Lysol solution in a ratio of 1:9 with water were explained by medical team. The student volunteers actively involved themselves in demonstrating the practices to prevent corona viruses and advocated the hygiene measures to be undertaken inside the college premises and at home. About 100 students 20 staff members participated in this programme and gained awareness. Also, our management has donated an amount of Rs.1,08,00,000 for COVID fund to the Honorable Chief Minister of Tamilnadu on June 11,2021.

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

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

C. Any 2 of the above

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

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

Our Institution in national and international commemorative days, events and festivals regularly. During the academic year 2020-21, the International Women's Day 2021 was celebrated on 08.03.2021. Our Principal Dr. T. Rengaraja presided the event and the faculty members and students of RMKCET attended the event.

The international Yoda day was celebrated on 21.06.2021. Dr.S.Kalaichelvi, Yoga Therapist presided the function.

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

7.2 - Best Practices

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

The best practices followed by the institute are:

I. TITLE: MEDIA RICH INTERACTIVE ACTIVITIES

1. Objectives of the Practice:

To improve the quality of learning, effective listening and understanding of basic learning concepts with the help of available e-learning platforms. Thus, the quality of students with respect to real time applications and updates regarding latest technology is improved.

2. The context:

To enhance the essence of teaching, learning, problem solving and research capabilities of students.

3. The practices:

1. Allows the students to watch the application of engineering concepts through online videos and engages them with questions to clarify their level of understanding.

2. Integrate the students with summative and formative assignments to assess the benefits of the learning materials.

3. Online quizzes has been conducted and technical seminar sessions were provided to expand their knowledge by enhancing the communication skill.

4. Hands-on training sessions offers a bit challenging environment to empower the problem-solving skills of the students.

5. NPTEL, Coursera, Udemy, MOOCS and other online courses has been embedded with the real-time classes.

6. Provided opportunities for students to explore their views in virtual reality-based learning platform.

4. Problems Encountered:

1. Network Connectivity is the major problem for few students.

2. Lack of interest is identified in passive learners.

5. Resources Required:

Laptop/Desktop/Android Phone that supports MP4 file format and Image with better network connectivity.

6. Evidence and Success:

A massive involvement in learning has been observed. Students were found more interactive in understanding and applying the concepts.

Notes (Optional):

II. TITLE: PICK AND MATCH THE TECHNICAL CONCEPT

1. Goal:

To understand and identify the technical words that describes the basic engineering concepts with a real time application.

2. The context:

To invoke the thirst in learning by exploring the technical words hidden in the description of basic concepts.

3. The practices:

1. A quiz session is conducted with number of rounds.

2. Identification of scientists who contributed more to the engineering society has been listed.

3. Problems having social values and its engineering solutions has been discussed.

4. Analyzing the practical application of basic engineering concepts in day-to-day life is identified.

5. Motivated students to participate in events like Hackathon, KPIT Sparkle Contest and other mini project contests.

4. Problems Encountered:

1. Few students faced difficulty in understanding the concepts.

2. Some students find difficulty in application of engineering concepts to the identified problems.

5. Resources Required:

Laptop/Desktop with proper network connectivity.

6. Evidence and Success:

1. Innovative ideas and level of understanding of students is improvised.

2. Way of identifying the problems and finding a solution, takes them to a different dimension of thinking and analyzing the problems.

Notes (Optional):

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

7.3 - Institutional Distinctiveness

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

The Institutes vision is to be a knowledge hub of providing quality technical education and promoting research for building up of our nation and its contribution for the betterment of humanity. In line with the institute vision, the institute provides a state-of-the-art infrastructure to ensure quality technical education, research and industrial collaborations to promote innovation. To nurture the

students who have brilliant innovative ideas, research cell in the college provides all guidance and support. Good quality research work of students and faculty members could also get published in the National / International reputed conferences and journals. A few innovative ideas are converted into filing patents. In order to support this initiative, Institute provide separate work space within the campus with high-speed Internet connectivity, necessary laboratory infrastructure in terms of hardware and software, and faculty guidance. Students also receive financial assistance from the Institute in terms of seed money/encouragement awards to start their research and development work. Students are participating in Govt. Initiatives such as Smart India Hackathon etc. Every year, mini-project competitions, symposium, conference, etc are arranged to encourage research among students

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

7.3.2 - Plan of action for the next academic year

Future Plans of Actions for Next Academic Year

- Motivating faculty members to effectively adopt student centric learning tools and to widen the usage of ICT tools
- Making students Industry ready by strengthening their programming/practical application skills.
 - Providing customized training for the students by conducting Pre Assessments and Post Assessments before and after the Training Programmes.
 - Arranging Guest Lectures by Experts from industry to bridge the Gap between Academia and Industry.
 - Providing foreign language training to improve the placement prospectus
 - Providing Domain specific training through Centres of Excellence and enabling students' placement in Emerging domains such as Artificial Intelligence, Product Lifecycle Management, Big Data, Telecom, Automotive Electronics, Front End Technology, Cyber Security, PLM, IOT, Salesforce, PLM, Embedded Systems and Cloud

Computing.

- Motivating the faculty members to publish quality research papers and to take up funded projects
- To encourage students participate in Institutional level miniprojects, kindle their interest in Creativity and Innovation and hence make them participate in National level Ideas Contests organized by Ministry of Education, publish papers/patents
- To promote collaborative research with Industry/National and International Universities, Corporate companies and Research Institutions
- To encourage students and faculty focus towards Applied research, entrepreneurship and to set up a Research park
- Encouraging students to organize symposium to promote exchange of ideas and to exhibit their talents
- To conduct FDPs, Seminars, Webinars, National and International conferences for faculty quality improvement
- To strengthen the promotion of students' progression towards Higher education by giving training in competitive examinations like GATE,CAT, GRE ,TOEFL,IELTS etc.,
- To encourage faculty members to undergo Innovation Ambassador training .To promote new ideas and build start-up culture among students and faculty members
- To prepare SSR for the second cycle of NAAC Accreditation
- To apply for NBA Renewal process