Student Satisfaction Survey on Teaching Learning Process
2023-2024

A Student Satisfaction Survey was conducted for the academic year 2023-24 among the students of all four years across various branches at RMK College of Engineering and Technology (RMKCET), including Computer Science and Engineering (CSE), Computer Science and Engineering (Cyber Security), Mechanical Engineering, Artificial Intelligence and Data Science (AIDS), and Electronics and Communication Engineering (ECE).

The survey was administered using Google Forms, consisting of 20 objective questions and one subjective question to gather students' feedback on the teaching and learning process. To ensure honesty and transparency, student anonymity was maintained throughout the survey.
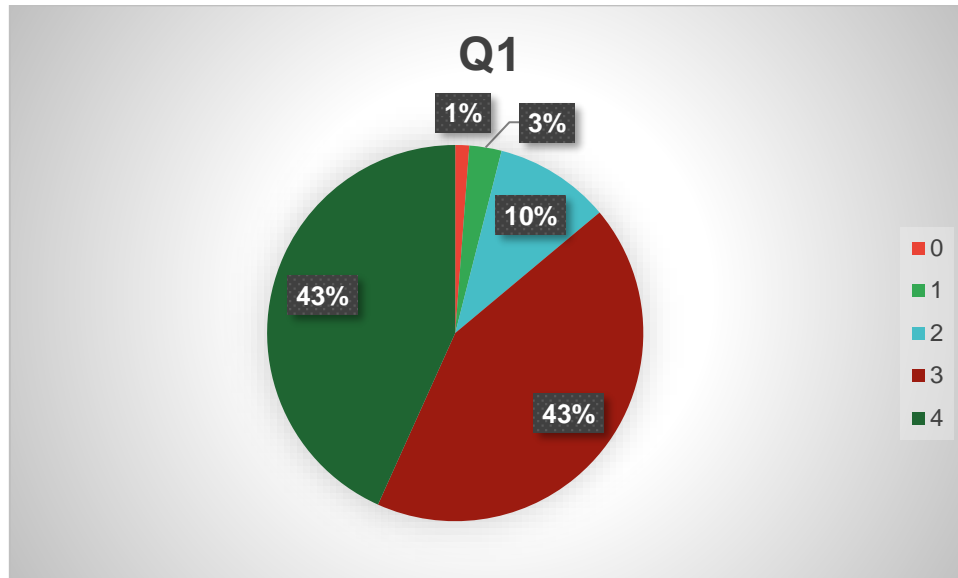
Once the responses were collected from the students, the feedback specific to each department was shared by the Institution's NAAC Coordinator with the respective Heads of Departments (HoDs) to gain insights into the students' needs and requirements. An appropriate course of action based on the feedback was then discussed during the Internal Quality Assurance Cell (IQAC) meeting.

Out of 1948 students, nearly 1336 students participated, sharing their valuable opinions. Below is a summary of the survey questions and their outcomes.
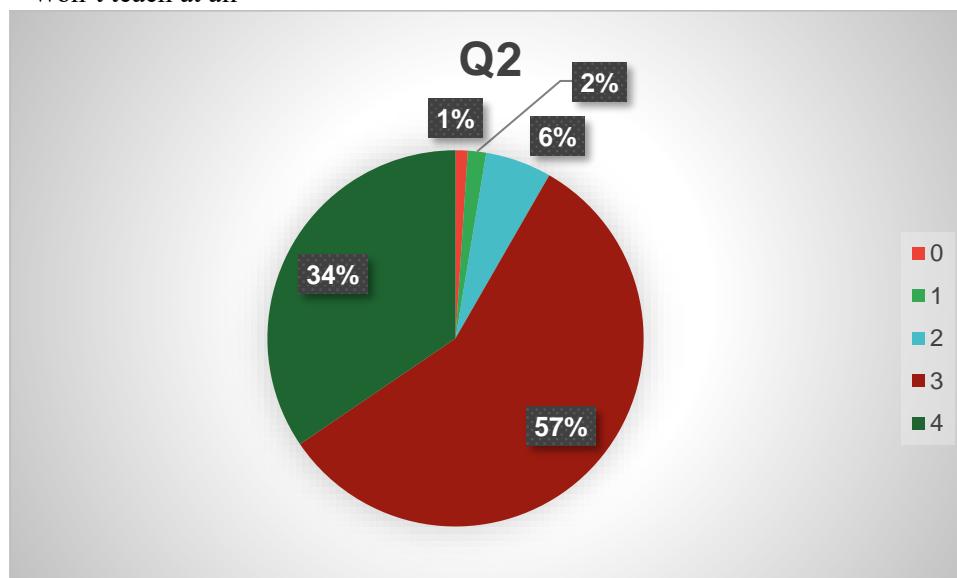
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1. **The preparedness of the teacher for the completion of syllabus in time**
- 4 – 85 to 100%
- 3 – 70 to 84%
- 2 – 55 to 69%
- 1– 30 to 54%
- 0–Below 30%
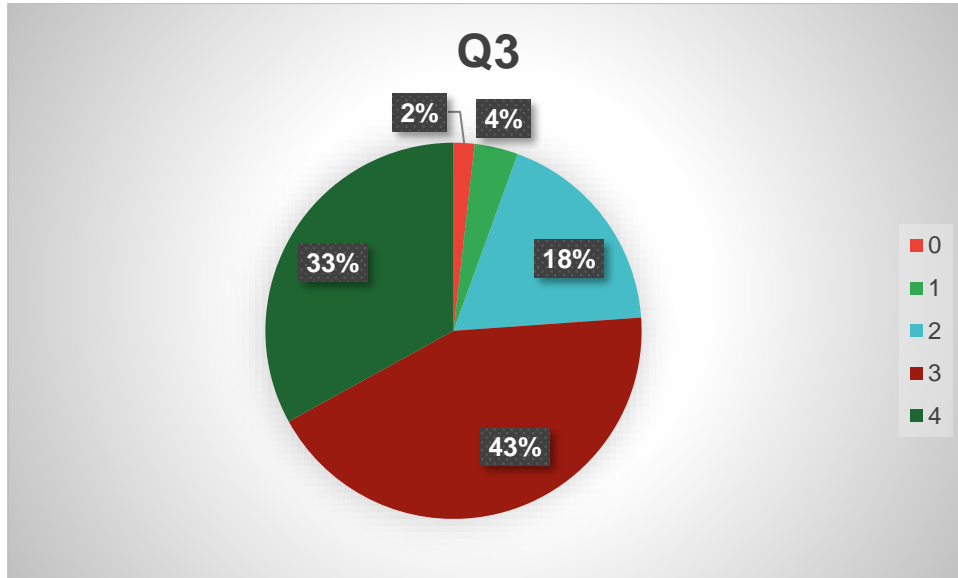

2. **The preparedness of the teacher for the class**
- 4 –Thoroughly
- 3 – Satisfactorily
- 2 – Poorly
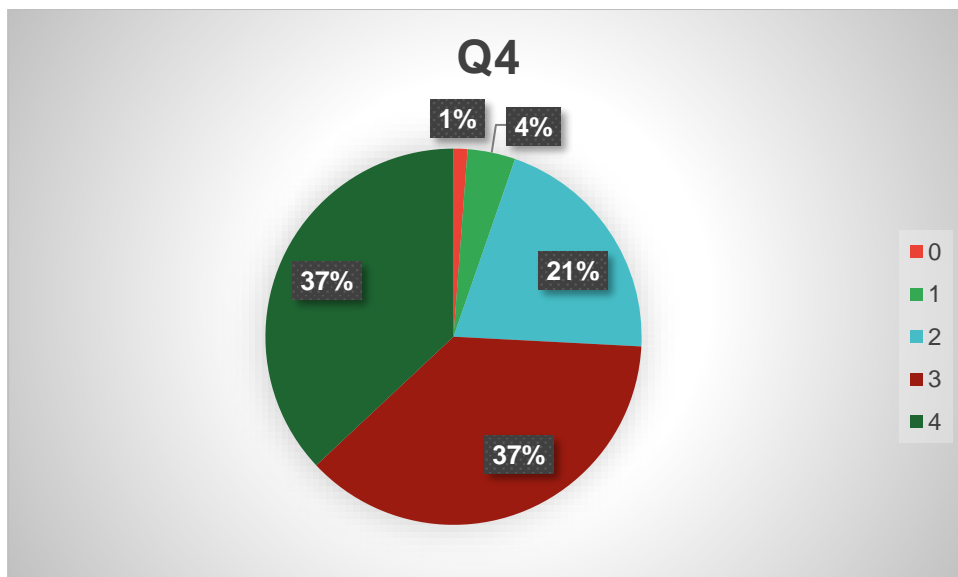- 1 – Indifferently
- 0 – Won't teach at all

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3. **Curriculum encourages you to take value added courses?**
   - 4 – Strongly agree
   - 3 – Agree
   - 2 – Neutral
   - 1 – Disagree
   - 0– Strongly disagree

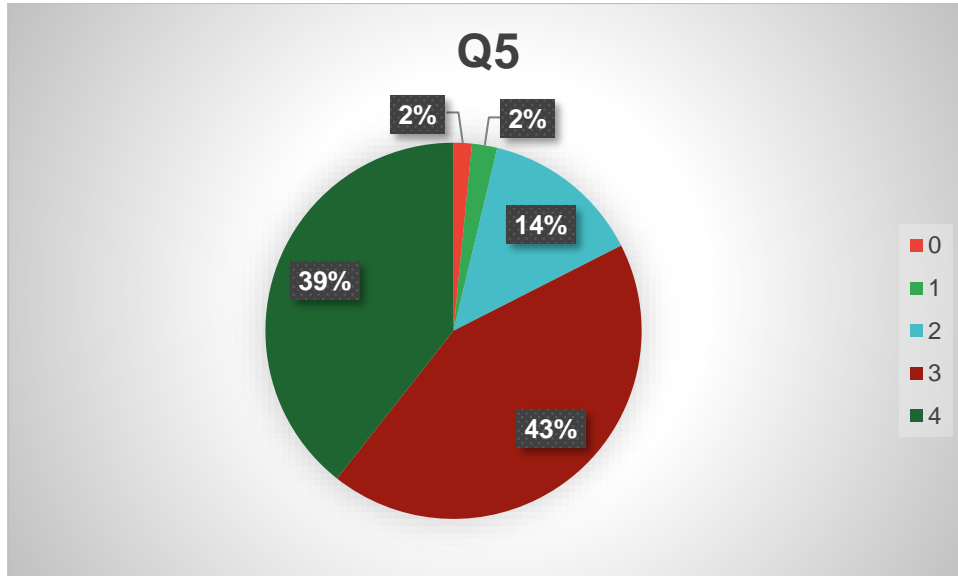4. **The teacher's content delivery and communication can best be described as**
   - 4– Excellent
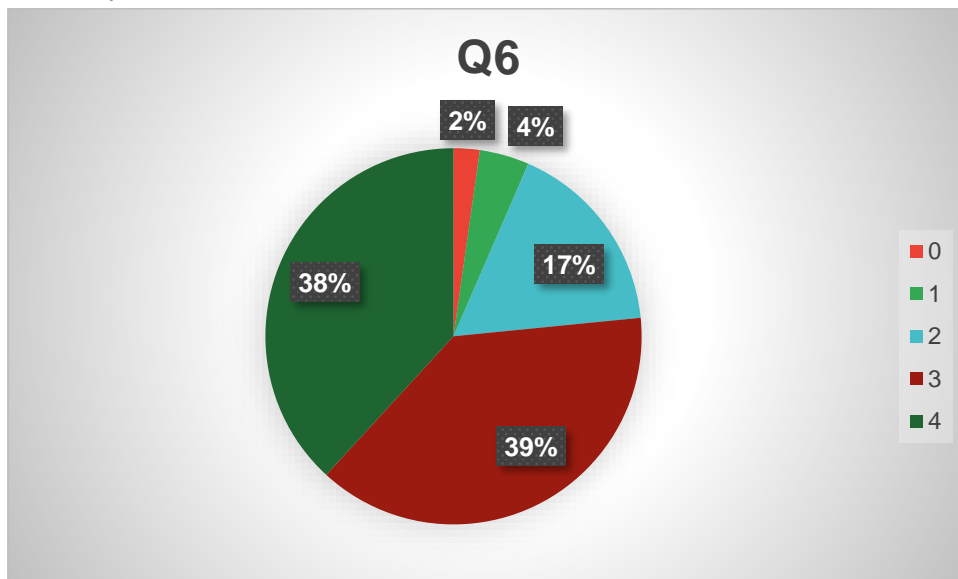   - 3 – Very good
   - 2 – Good
   - 1 – Fair
   - 0– Poor

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5. **The teacher method of evaluation**
   - 4 – Always fair
   - 3 – Usually fair
   - 2 – Sometimes unfair
   - 1 – Usually unfair
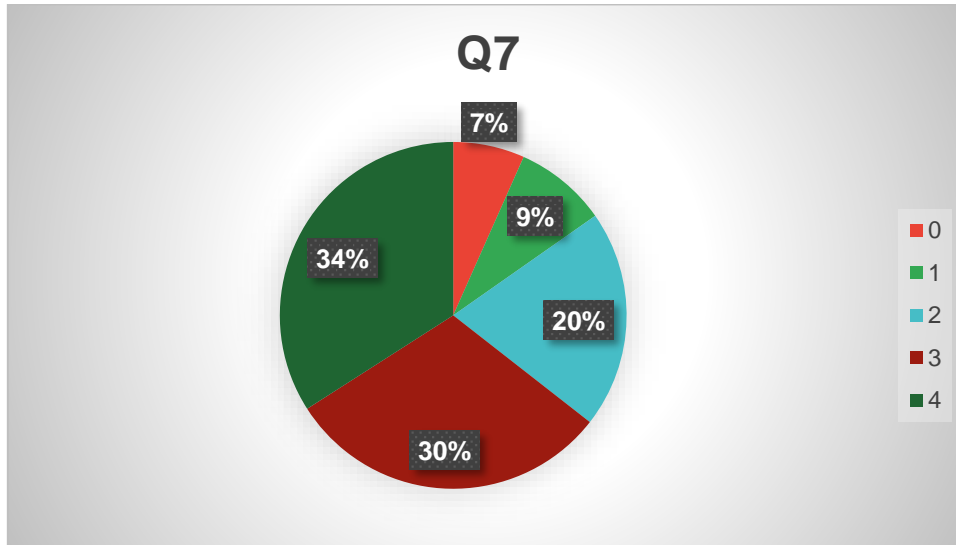   - 0– Unfair

6. **Are the assignments discussed with you?**
   - 4 – Every time
   - 3 – Usually
   - 2 – Occasionally/Sometimes
   - 1 – Rarely
   - 0– Never

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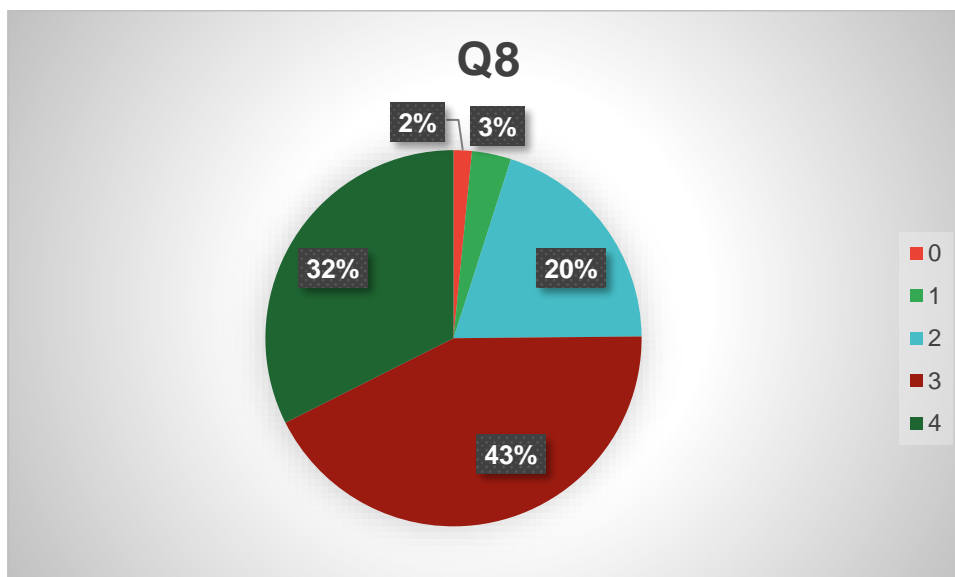An ISO 21001:2018 Certified Institution

7. **Does the institute promote internship, industrial visit , field visit opportunities for students.**
    - 4 – Regularly
    - 3 – Often
    - 2 – Sometimes
    - 1 – Rarely
    - 0– Never

8. **Does the teaching and mentoring process in your institution facilitates your overall growth.**
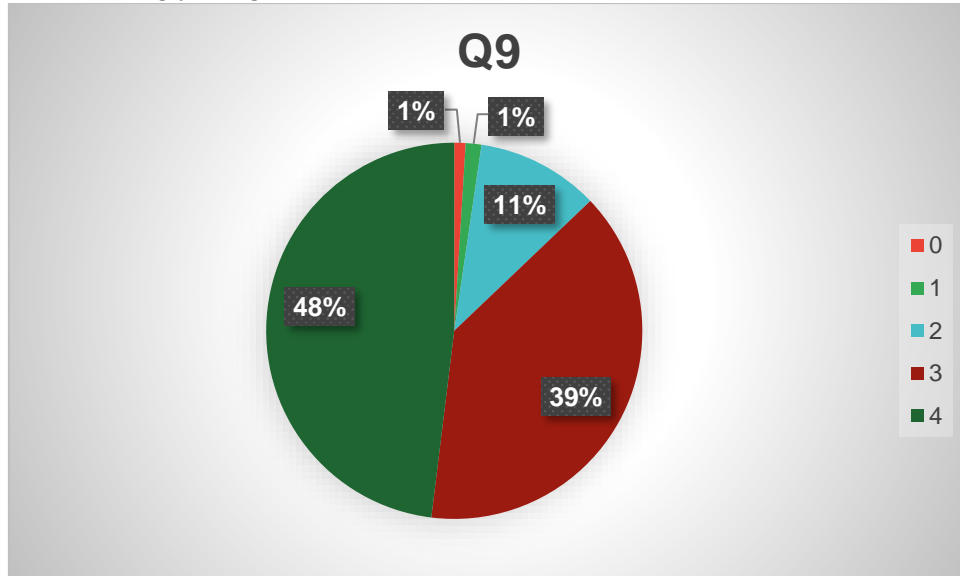- 4 – Significantly
- 3 – Very well
- 2 – Moderately
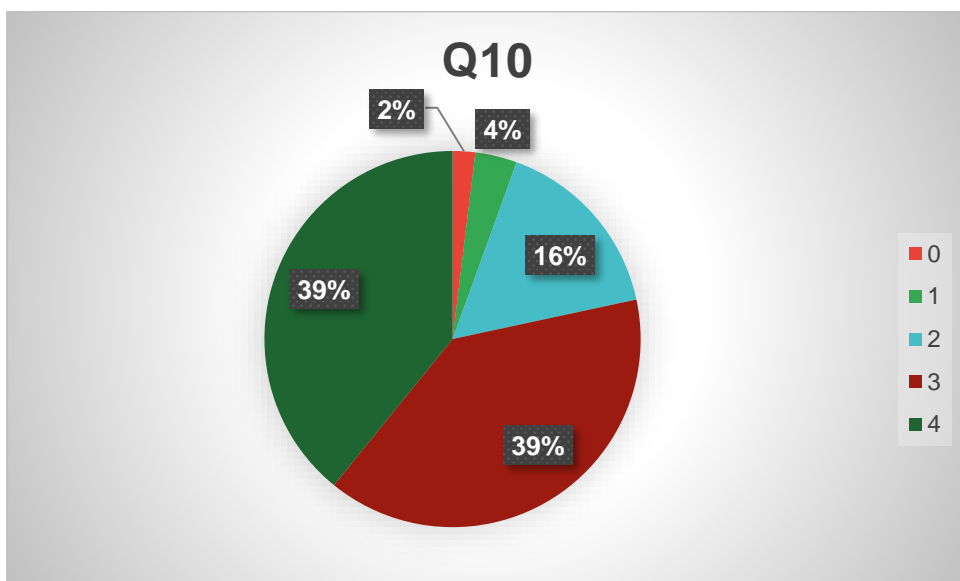- 1 – Marginally
- 0– Not at all

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9. **The institution provides multiple opportunities to learn and grow like encouraging NPTEL, Hackathon, Mini Projects, etc.**
   - 4 – Strongly agree
   - 3 – Agree
   - 2 – Neutral
   - 1 – Disagree
   - 0– Strongly disagree

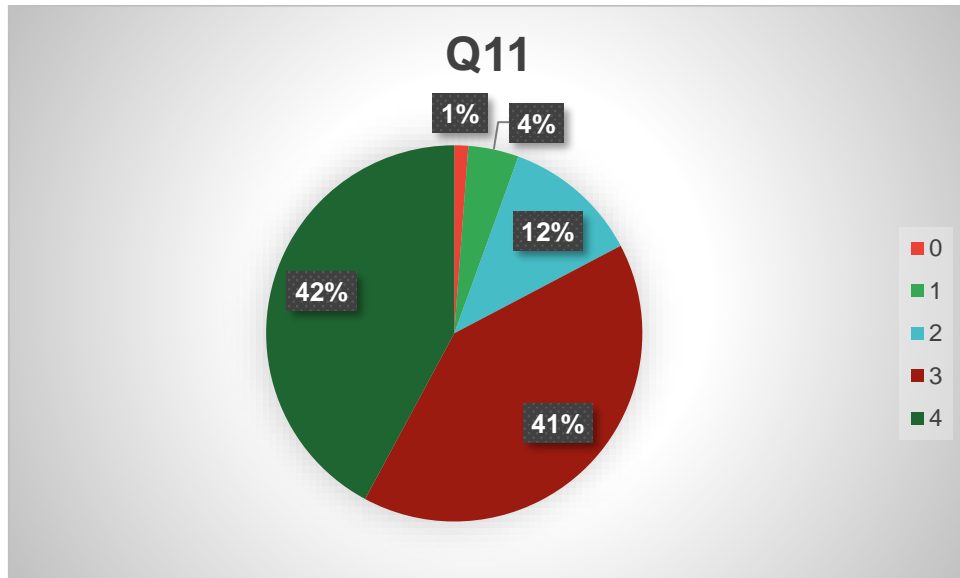10. **Teachers inform you about course outcomes and programme outcomes.**
    - 4 – Every time
    - 3 – Usually
    - 2– Occasionally/Sometimes
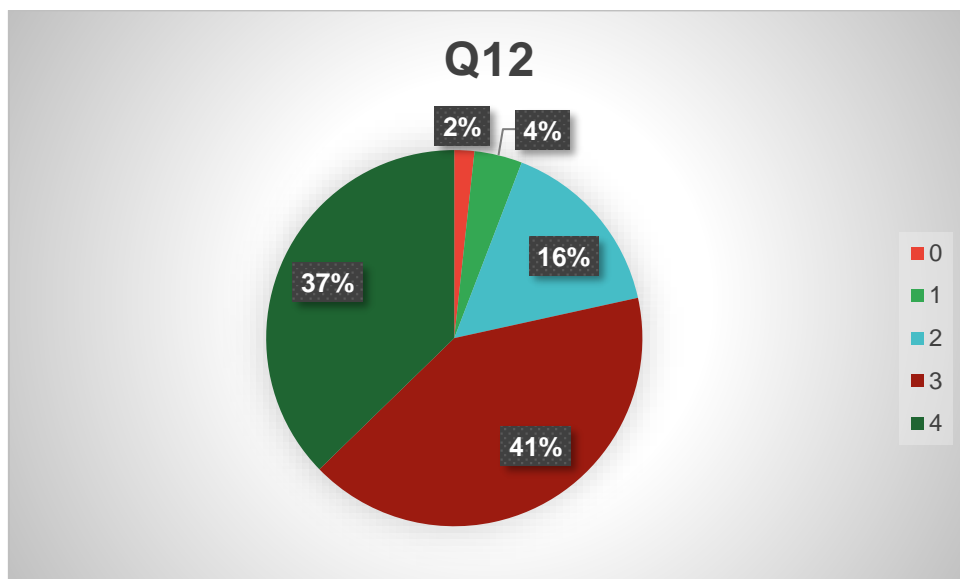   - 1 – Rarely
    - 0– Never

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11. **Does your mentor follow-up with you for any assigned task**
- 4 – Every time
- 3 – Usually
- 2 – Occasionally/Sometimes
- 1 – Rarely
- 0 – I don't have a mentor

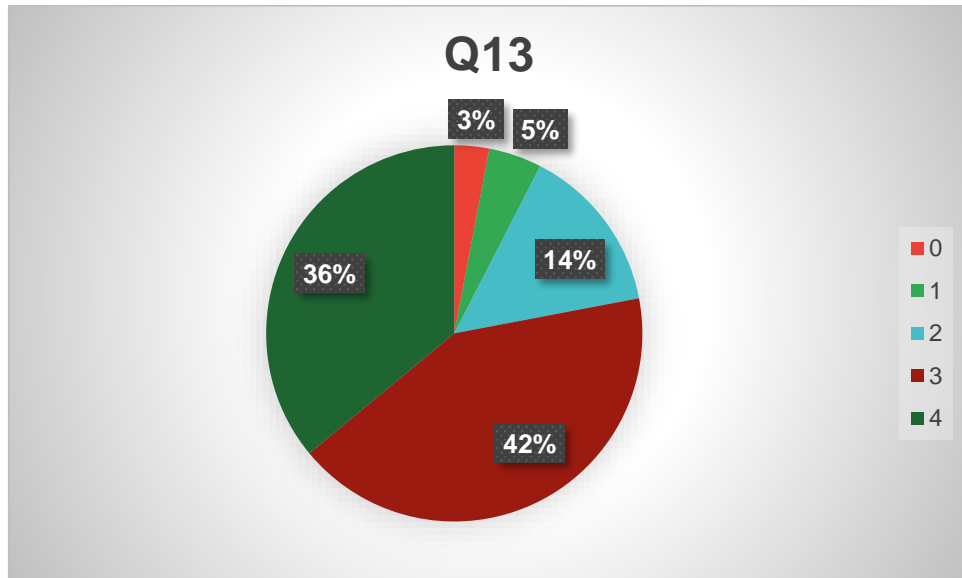12. **The teachers illustrate the concepts through problem solving methodologies and models**
- 4 – Every time
- 3 – Usually
- 2 – Occasionally/Sometimes
- 1– Rarely
- 0 – Never

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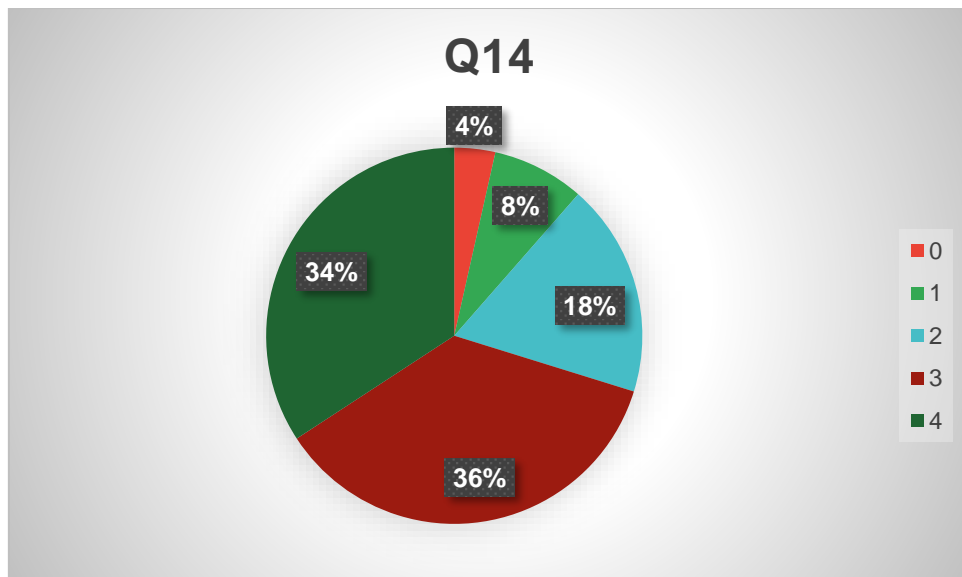**An ISO 21001:2018 Certified Institution**

13. **Academic support like Remedial /Tutorial, coaching classes are extended?**
    - 4 – Fully
    - 3 – Reasonably
    - 2 – Partially
    - 1 – Slightly
    - 0– Unable to

14. **Teachers are able to identify your weaknesses and help you to overcome them.**
    - 4 – Every time
    - 3 – Usually
    - 2 – Occasionally/Sometimes
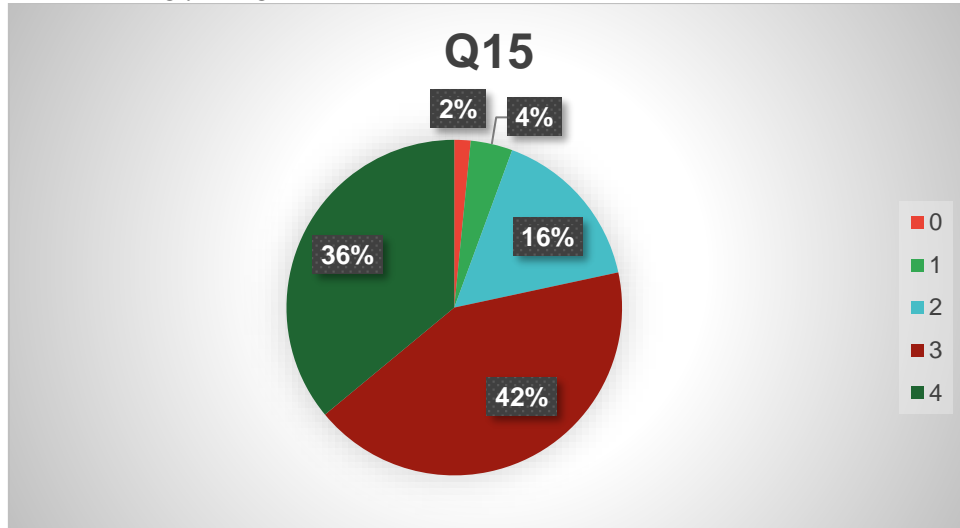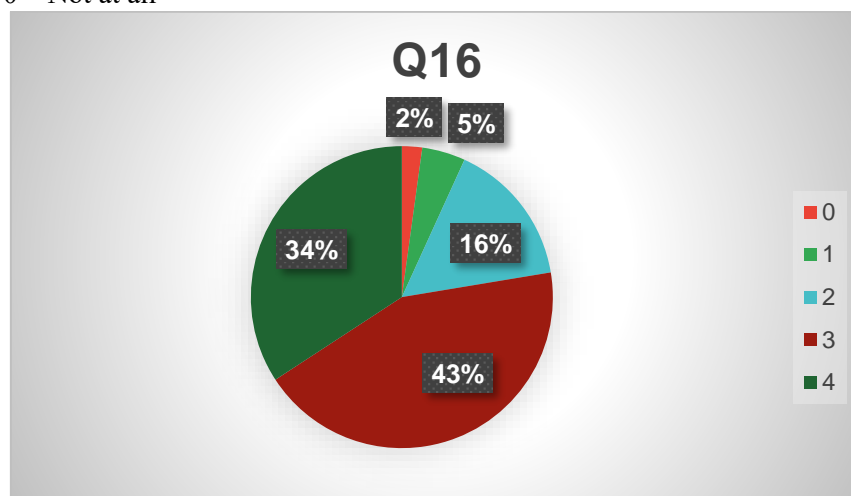   - 1 – Rarely
    - 0 – Never

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15. **The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.**
    - 4 – Strongly agree
    - 3 – Agree
    - 2 – Neutral
    - 1 – Disagree
    - 0 – Strongly disagree

16. **The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.**
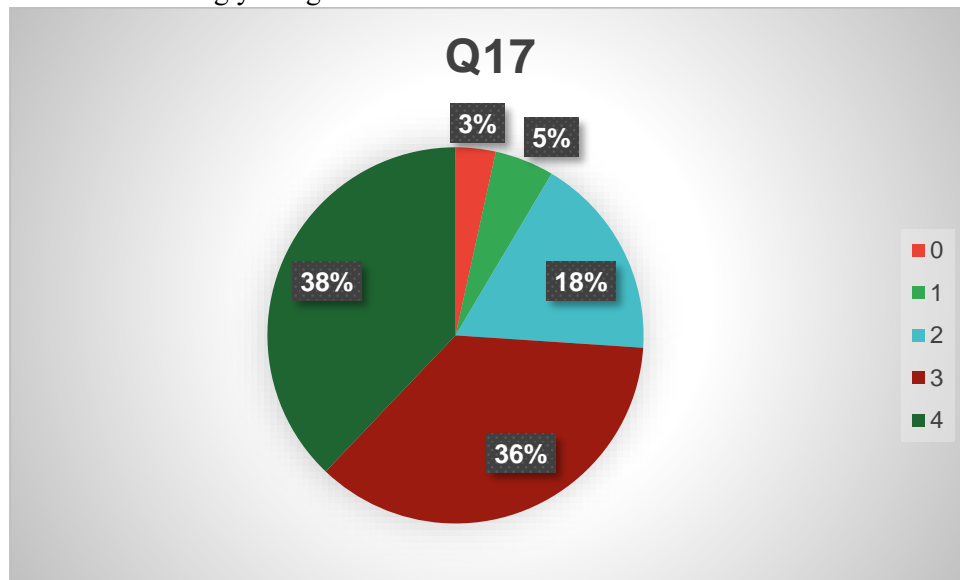   - 4 – To a great extent
    - 3 – Moderate
    - 2 – Some what
    - 1 – Very little
    - 0 – Not at all

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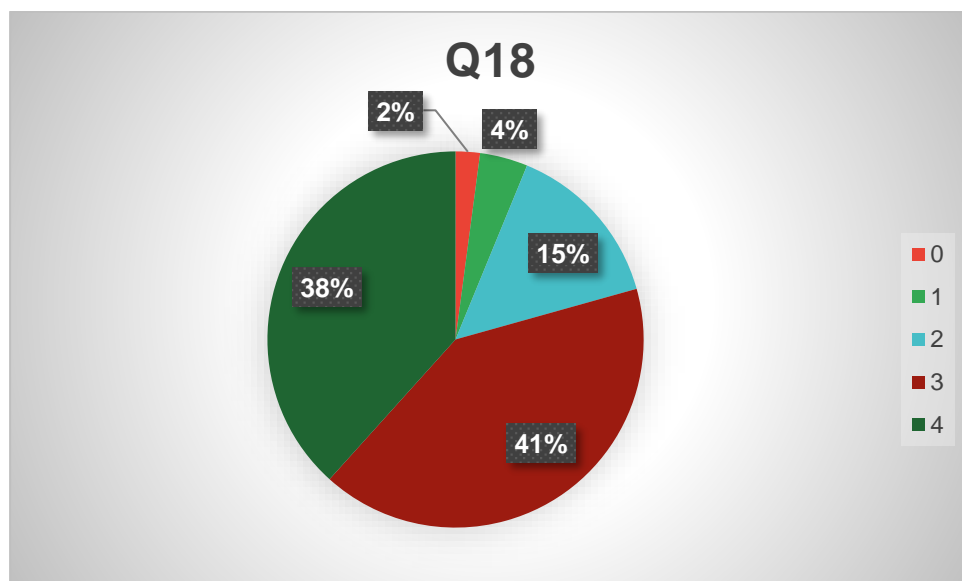**An ISO 21001:2018 Certified Institution**

17. **Teachers encourage you to participate in extracurricular activities.**
    - 4 – Strongly agree
    - 3 – Agree
    - 2 – Neutral
    - 1 – Disagree
    - 0 – Strongly disagree

18. **Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.**
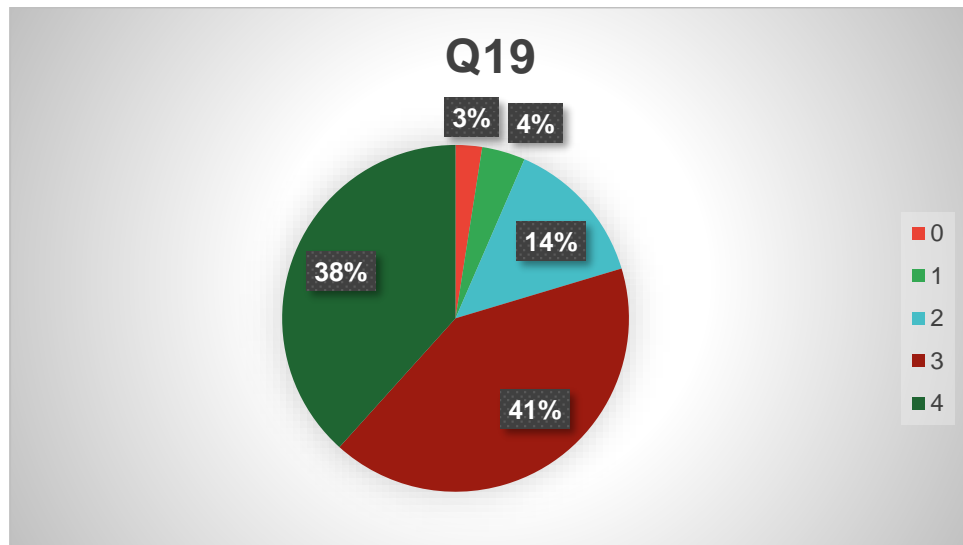   - 4 – To a great extent
    - 3 – Moderate
    - 2 – Some what
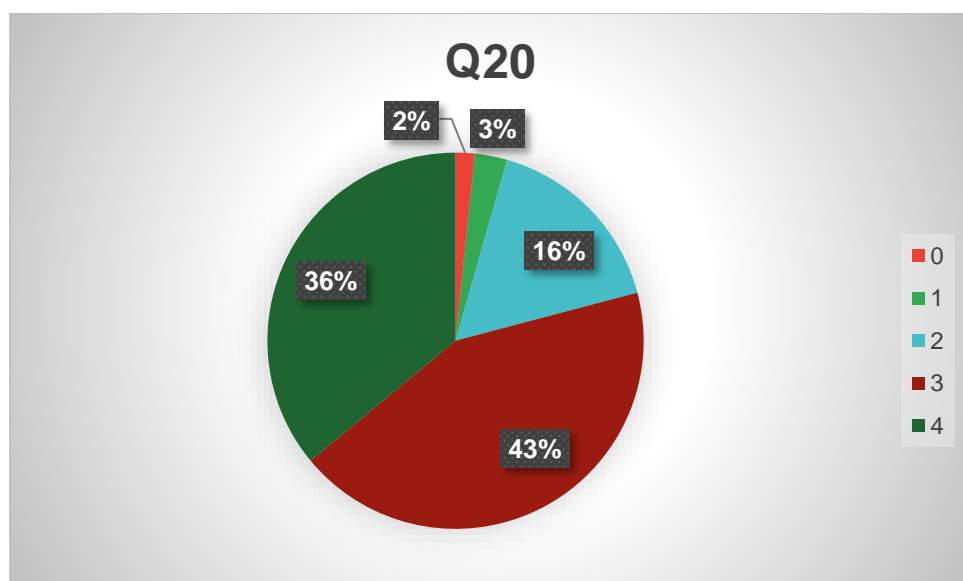   - 1 – Very little
    - 0 – Not at all

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19. **What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching**
    - 4 – Above 90%
    - 3 – 70 – 89%
    - 2 – 50 – 69%
    - 1 – 30 – 49%
    - 0 – Below 29%

20. **The overall quality of teaching-learning process in your institute is very good.**
    - 4 –Strongly agree
    - 3 – Agree
    - 2 – Neutral
    - 1 – Disagree
    - 0 – Strongly disagree

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21. **Give three observation/suggestion to improve the overall teaching-learning experience in your institution**

The following observations/suggestions were received across multiple departments of the students such as:

- **Enhanced Use of Technology in Teaching:** The use of better graphics, visual media, and potentially smart boards or projectors is recommended to make lessons more engaging and improve comprehension.
- **Integration of Industrial Visits:** Several points mention the need for improved and more frequent industrial visits, with a focus on visiting domain-specific companies to enhance practical knowledge and subject understanding.
- **Effective Use of Library Resources:** There's a suggestion to increase library hours, encourage the use of online resources (e.g., RMKCET OPAC platform), and ensure that recommended texts are easily accessible to students.
- **Balanced Theory and Practice:** There is a call for a better balance between theoretical knowledge and practical application, ensuring that students gain both in-depth theoretical understanding and practical skills necessary for their future careers.
- **Focus on Real-Time Problem Solving:** There's a recommendation to use real-time problems in teaching to enhance practical and experimental learning, making the content more relevant to real-world applications.

A discussion meeting on the Student Satisfaction Survey was conducted on 06.05.2024 in the board room. The following points were discussed.

The IQAC meeting held on 06.05.2024 focused on the student satisfaction survey conducted for the academic year 2023-24. The survey covered various aspects including the preparedness of the teacher for syllabus completion, class preparedness, and content delivery. It also addressed the curriculum's encouragement for value-added courses, the effectiveness of assignment discussions, and the promotion of internships and industrial visits. Further, the survey explored the impact of teaching and mentoring on overall growth, the availability of multiple learning opportunities, and the communication of course and program outcomes. Additionally, it evaluated the extent of mentor follow-up, the use of problem-solving methodologies, academic support, identification of weaknesses, quality improvement efforts, student-centric methods, encouragement of extracurricular activities, and the inculcation of soft and employability skills. The survey also assessed the use of ICT tools and the overall quality of the teaching-learning process.

Based on the feedback received it is evident that the students are highly satisfied with all the academic activities which are happening in the campus. The teaching fraternity strive hard to make the students and other stakeholders to achieve greater satisfaction. Based on the survey results, an action plan has been formulated to address these areas for improvement.

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IQAC MEETING

Fourth Meeting of the Academic Year 2023 - 2024

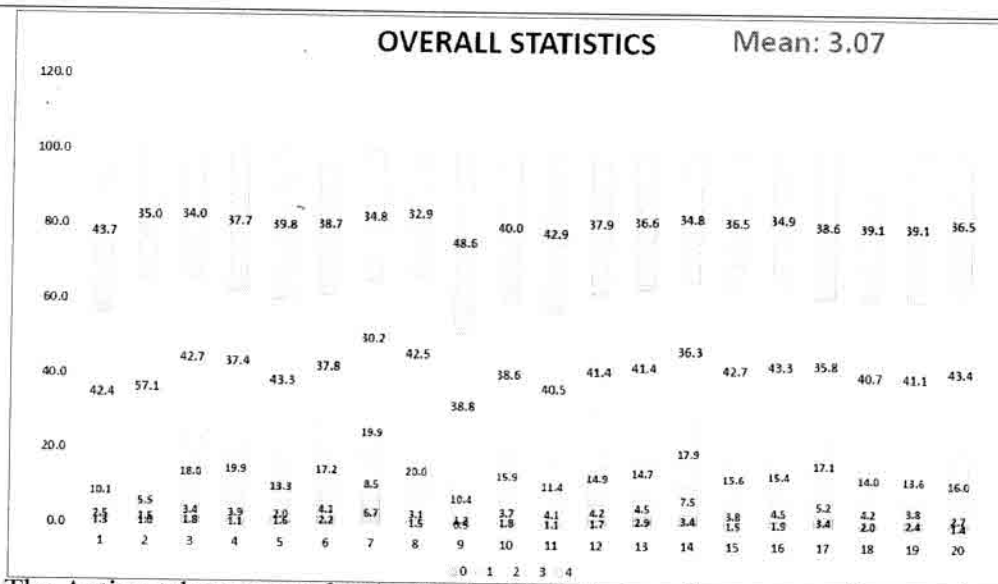|		
Date	:	06.05.2024
Time	:	03.30 PM
Venue	:	BOARD ROOM

DISCUSSIONS
Welcome Address:

The IQAC Coordinator, Dr. Chettiyar Vani Vivekanand, welcomed the members for the Fourth IQAC meeting of the year 2023-2024 and stated the agenda of the meeting. A short review of previous meeting was given by IQAC Coordinator.

Agenda of the meeting

Student Satisfactory Survey Report	- Dr. Dharini .N, ASP,CS (Cyber Sec)
Stake Holders Feedback Report	- Dr.Sakthi R, AP, S&H
IAT2 Result Analysis - Action Taken after IAT1	- All HoDs

DISCUSSIONS	REMARKS

A presentation was STUDENTS SATISFACTION SURVEY by Dr. Dharini . N, ASP,CS (Cyber Sec)
 	
• Dr Dharani began her presentation by informing the Total Strength of the students in RMKCET during the year 2023-2024 as **1948**
    o AIDS   277
    o CSE   548
    o CY   60
    o ECE   425
    o ME   80
    o First Year   558
• Total number of Students' Participated in the Survey-2023-24 is **1336** hence forms the sample size for the survey.
• Total boys participated in survey is 754 and Girls participated in survey is 582.
• The questionnaire given for the Student Satisfactory Survey are
    o The preparedness of the teacher for the completion of syllabus in time
    o The preparedness of the teacher for the class
    o Curriculum encourages you to take value added courses?
    o The teacher's content delivery and communication can best be described as
    o The teacher method of evaluation
    o Are the assignments discussed with you?
    o Does the institute promote internship, industrial visit , field visit opportunities for students.
    o Does the teaching and mentoring process in your institution facilitates your overall growth.
    o The institution provides multiple opportunities to learn and grow like encouraging NPTEL, Hackathon, Mini Projects, etc.
    o Teachers inform you about course outcomes and programme outcomes
    o Does your mentor follow-up with you for any assigned task
    o The teachers illustrate the concepts through problem solving methodologies and models
    o Academic support like Remedial /Tutorial, coaching classes are extended?
	• The Principal appreciated Dr.Dharani for her presentation. He insisted to improve the teaching methodology by combining both chalk and talk along with PowerPoint presentation
	• The Deam appreciated Dr.Dharani for the survey taken among the large sample.

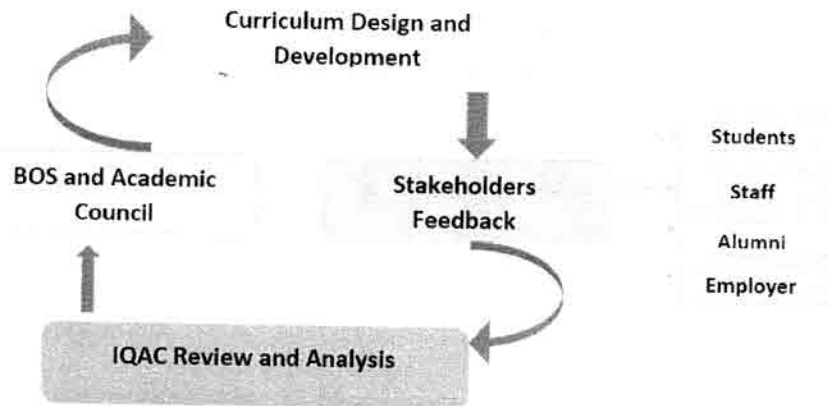|	

o The teachers illustrate the concepts through problem solving methodologies and models
    o Academic support like Remedial /Tutorial, coaching classes are extended?
    o Teachers are able to identify your weaknesses and help you to overcome them.
    o The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.
    o The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.
    o Teachers encourage you to participate in extracurricular activities.
    o Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employabilityskills to make you ready for the world of work.
    o What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching
    o The overall quality of teaching-learning process in your institute is very good.
    o Give three observation/suggestion to improve the overall teaching-learning experience in your institution
• The analysis of the questions provided in the Student Satisfactory Survey was discussed and suggestions were noted.
• The overall statistics of Student Satisfactory Survey given below was summarized for discussion.	

OVERALL STATISTICS   Mean: 3.07

- The Action taken report for the Student Satisfactory Survey was discussed
- Some of the notable points in the action taken for the Student Satisfactory Survey are
  - Foster mutual respect between faculty and students, supporting diverse learning needs.
  - Ensure equal access to educational resources and opportunities for all students.
  - Implement Interactive Learning Techniques
  - Prioritize Feedback and Continuous Improvement
  - Increase practical sessions: Allocate more time for hands-on lab work.
  - Enhance lab facilities: Ensure labs are equipped with advanced technology relevant to industry standards.
  - Plan at least 2-3 industry visits per semester to relevant companies.
  - Ensure visits are to leading companies in each department's field.
  - Schedule regular sports periods for mind relaxation and physical activity.
  - Encourage participation in various skill-related activities beyond academics.
  - Guest lectures from industry executives and startup founders are being organized besides will improve the number of guest lectures.
  - Provide personalized feedback to students to track progress.

A presentation was given on the Stake Holders Feedback Report by Dr.Sakthi R, AP, S&H

- The process of collecting the stake holders feedback was presented and discussed

- The questionnaire and the analysis for the Students Feedback on Curriculum were discussed
    - Does the curriculum cater to recent developments, needs-based, and application-oriented learning?
    - Are an ample number of electives offered?
    - Are the digital materials adequate in terms of quality and quantity?
    - "Is sufficient weightage given to both theory and practical course content?
    - Was the syllabus covered on time by the faculty in theory?
    - Was the syllabus covered on time by the faculty in lab?
    - Do the textbooks/reference books recommended in the syllabus remain relevant and updated?
- The questionnaire and the analysis for the Faculty Feedback on Curriculum were discussed
- The questionnaire and the analysis for the Alumni Feedback on Curriculum were discussed.
- Alumni from various reputed organization took part in the survey to give their valuable feedback as given below.

- The Principal suggested to increase the sample size for the survey
- The Dean suggested to reframe the questions and check English and grammar

S & H by Dr. K.A. Selvakumaran, Professor and Head, Department of Science and Humanities,

Actions taken after IAT1 to improve students' performance are:

- Special classes were conducted for students who got less than 50 marks.
- Assignments given to improve the student's understanding in basic concepts.
- Continuous counseling was given for slow learners.
- Student's performance was informed to parents through counselors.

- **Address by the Principal:** The Principal appreciated Dr. Dharani and Dr. Sakthi for their presentations on the Student Satisfaction Survey and Stakeholder Feedback Survey, respectively. He emphasized the importance of implementing the action plans suggested by each department and recommended enhancing feedback from alumni. Additionally, the Principal requested all Heads of Departments to prepare proposals for the IEI R&D Grant-in-Aid Scheme.
- **Address by the Dean:** The Dean appreciated Dr. Dharani for her efforts in collecting a comprehensive Student Satisfaction Survey from a large sample size. He urged Dr. Sakthi to increase the sample size for stakeholder feedback and emphasized the importance of collecting industry feedback on the curriculum. Additionally, the Dean recommended enhancing teaching methodology by incorporating animated PowerPoint presentations. Furthermore, he praised the IQAC team for taking the initiative to present survey reports during the meeting and appreciated the interactive discussions among all IQAC members

Copy to:

Dean-Research
All HODs /Academic Coordinator
All Cell Conveners, NBA & NAAC Coordinator,
All Faculty Members
Administrative Officer, Office File

CC: Chairman / Director / Vice-Chairman/ Advisor for kind information

Principal

Convener –IQAC
Dr. K.RAMAR, B.E., M.E., Ph.D, FIE
PRINICIPAL
R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
PUDUVOYAL. GUMMIDIPOONDI TALUK 601205

Members Attended:

Name	Designation	Signature
Dr.K. Ramar	Principal, Convener -IQAC	
Dr.K. Sivaram	Dean- Research	
Dr. P Valarmathie	HOD – CSE	
Dr.S.M Udhaya Sankar	HOD – CSE (CS)	
Dr.N.Gangatharan	HOD – ECE	
Dr.M.Balasubramanian	HOD – MECHANICAL, NAAC Coordinator & Convener- Research & Development Cell	
Dr. B. Prathusha Laxmi	HOD - AI& DS	
Dr.K.A Selvakumaran	HOD - S&H	
Dr. P.K. Devan	IIC Coordinator	
Dr G.Devi	Academic Coordinator	
Ms. J Gnana Jeslin	IQAC-Department Coordinator & IQAC Co-Coordinator - CSE	
Ms. S.Seshavidhya	IQAC-Department Coordinator – ECE	
Dr.Karthick K	IQAC-Department Coordinator - MECHANICAL	
Ms.A.Jency	IQAC-Department Coordinator - AI& DS	
Dr.Sakthi R	IQAC-Department Coordinator - S & H	
Dr.N Dharini	IQAC-Department Coordinator - CS Cyber Security	
Dr.C.Bibin	Convener- Career Development Centre	
Dr.S.Senthil Kumar	Convener- Higher Education Cell, IDEA Lab Coordinator	
Dr.Chettiyar Vani Vivekanand	Coordinator –IQAC	