R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

RSM NAGAR, PUDUVOYAL-601206

Affiliated to Anna University, Chennai/Approved by AICTE, New Delhi

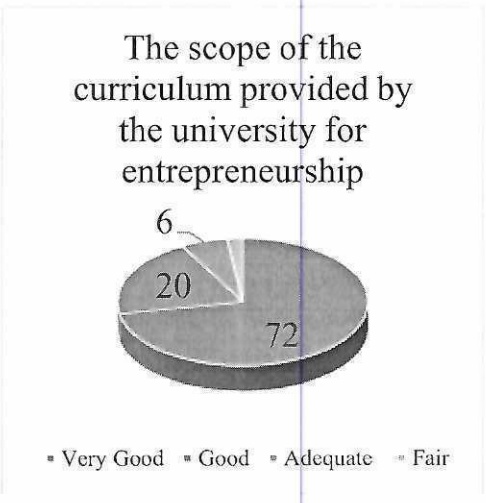
Accredited by NAAC with A Grade / All the Eligible UG Programs are Accredited by NBA, New Delhi

Stakeholder's feedback

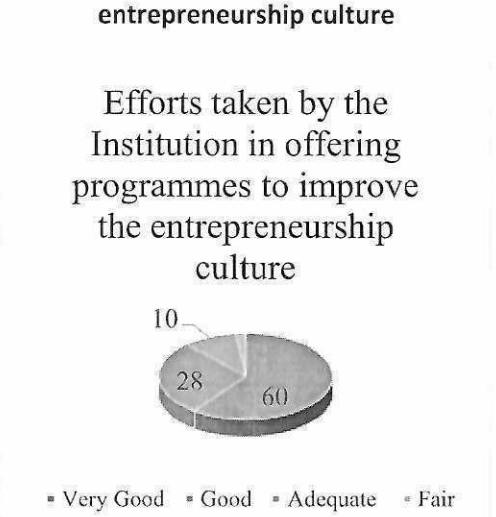
REPORT 2022-23

Stakeholder's Feedback – Entrepreneurship Development CELL (EDC)

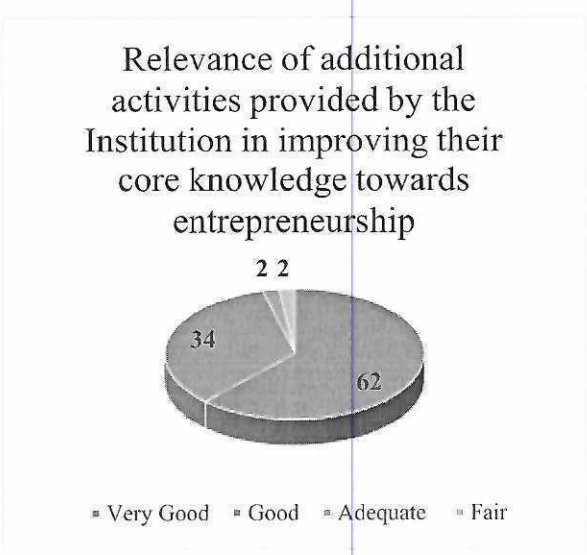
The scope of the curriculum provided by the university for entrepreneurship



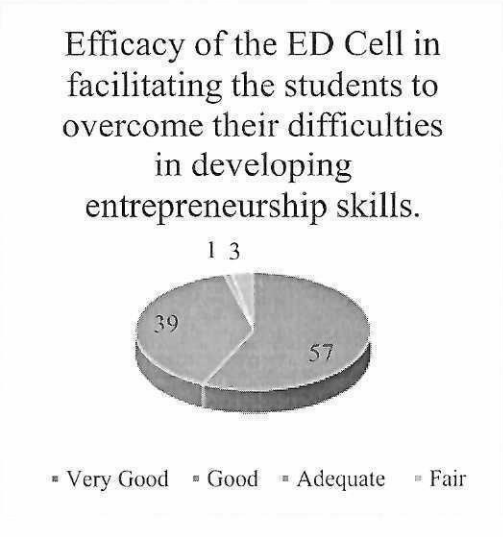
Efforts taken by the Institution in offering programs to improve the entrepreneurship culture



Relevance of additional activities provided by the Institution in improving their core knowledge towards entrepreneurship



Efficacy of the ED Cell in facilitating the students to overcome their difficulties in developing entrepreneurship skills



Suggestions and Action taken based on the feedback received from the Stakeholders

Parameters	Very Good	Good	Adequate	Fair	Total
The scope of the curriculum provided by the university for entrepreneurship	72	22	6	0	100
Efforts taken by the Institution in offering programmes to improve the entrepreneurship culture	60	30	10	0	100
Relevance of additional activities provided by the Institution in improving their core knowledge towards entrepreneurship	62	36	2	0	100
Efficacy of the ED Cell in facilitating the students to overcome their difficulties in developing entrepreneurship skills.	58	42	0	0	100

Suggestions Received:

Students need Support in technical knowhow.

Student should be exposed to Project and start-up contest from the first Year itself.

Product development through MSME

Action Taken:

- Elective courses are being offered in the areas of IPR & ED.
- Events are organized on project contests, business plan, product marketing from second year onwards
- Exclusively for first year one day EDC program was organised
- Students were given opportunity to pitch their ideas in different forums like Anna University Statup Tamil, FORGE Innovation & Innovation contest held at CED, AU.

Contribution of Entrepreneurship Development Cell in making more students to take part in contests

Suggestions Received:

- Students need Support in technical knowhow.
- Exposure to students regarding project contest, product development, marketing, business proposal etc.
- Need to conduct more awareness contests
- Students should be encouraged to participate in IDEA Pitching.

Action Taken:

- Student E-Learners were given training in Anna University to disseminate about start up, product development.
- Students have participated in Innovation Contests.
- 135 teams have submitted their ideas in MHRD organised IIC Idea contest.
- SIH Internal Hackathon was conducted and 100 teams have presented their Ideas.
- Students are encouraged and guided to attend/participate in events related with product development, start –up programs etc.
- More training on technical feasibility on identification of product/projects.

Initiative Taken by the Cell to provide exposure in recent technologies

Suggestions:

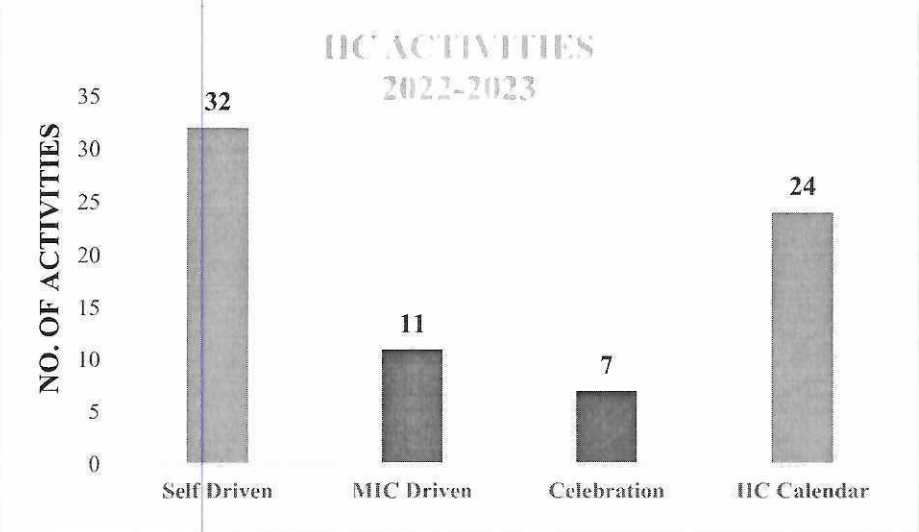
- Exposure to recent technological advancement meetings regarding the current Industrial trends
- Suggestion for more student chapter activities and conducting Symposia related to latest technologies
- Alumni can be asked for providing suggestions

Action Taken:

Based on the suggestions given by Alumni, selected students are encouraged to start their own business. Students are motivated to take part in Startup Tamil and IDEA pitching events. Many teams participated in IDEA pitching events organized by Anna University EDC.

Totally 44 students undergone Two days orientation program organized by FORGE Innovations.

Totally 22 teams have submitted their Innovative ideas in MSME Hackathon (Women) and Ten teams shortlisted for further selection process.



Entrepreneurship and Development cell & IIC have conducted more than 74 programs through which the students were motivated. Based on the feedback **more number of Training Programs, Webinars and Awareness Programs were conducted.** It is observed that Number of Activities has increased and specific topics has been addressed.

Stakeholders Feedback – Training and Placement Office (TPO)

Stakeholder's Feeback 2022-2023

Computer Science and Engineering

S.NO	PARAMETERS	EXCELLENT	VERY GOOD	GOOD	FAIR	Percentage	Scale to 4
1	The scope of present University curriculum in getting placement	85	18	12	5	88.13	3.53
2	Contribution of training and placement cell in providing sufficient number of training programmes	100	8	11	1	93.13	3.73
3	Efficiency of training programme provided to improve skills for placement	90	25	4	1	92.50	3.70
4	Initiatives taken by the cell to provide exposure in recent technologies	80	28	8	4	88.33	3.53
5	Impact of mock interviews at the time of actual campus interview	88	18	12	2	90.00	3.60

Electronics and Communication Engineering

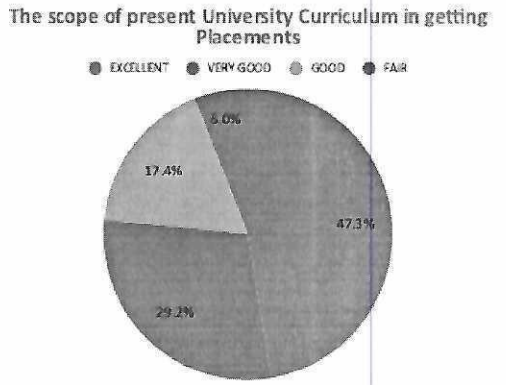
S.NO	PARAMETERS	EXCELLENT	VERY GOOD	GOOD	FAIR	Percentage	Scale to 4
1	The scope of present University curriculum in getting placement	27	41	20	4	74.73	2.99
2	Contribution of training and placement cell in providing sufficient number of training programmes	37	45	6	4	81.25	3.25
3	Efficiency of training programme provided to improve skills for placement	34	32	19	7	75.27	3.01
4	Initiatives taken by the cell to provide exposure in recent technologies	28	32	24	8	71.74	2.87
5	Impact of mock interviews at the time of actual campus interview	43	33	11	5	80.98	3.24

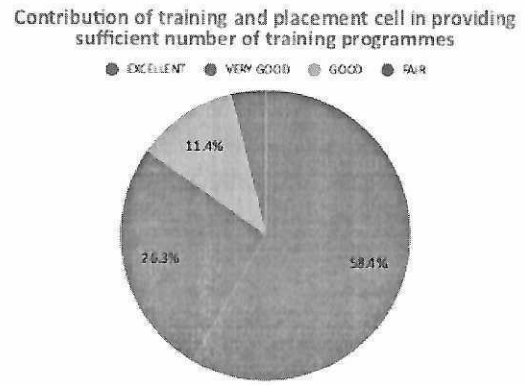
Mechanical Engineering

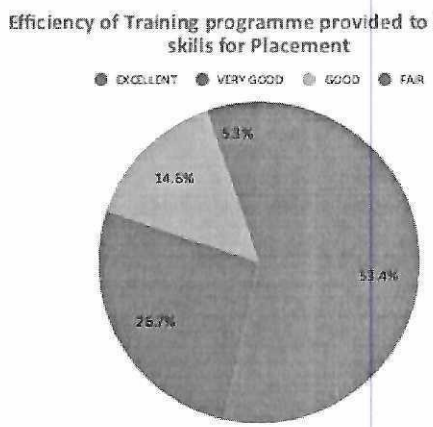
S.NO	PARAMETERS	EXCELLENT	VERY GOOD	GOOD	FAIR	Percentage	Scale to 4
1	The scope of present University curriculum in getting placement	8	12	11	3	68.38	2.74
2	Contribution of training and placement cell in providing sufficient number of training programmes	9	13	10	2	71.32	2.85
3	Efficiency of training programme provided to improve skills for placement	7	11	12	4	65.44	2.62
4	Initiatives taken by the cell to provide exposure in recent technologies	10	10	13	1	71.32	2.85
5	Impact of mock interviews at the time of actual campus interview	11	14	7	2	75.00	3.00

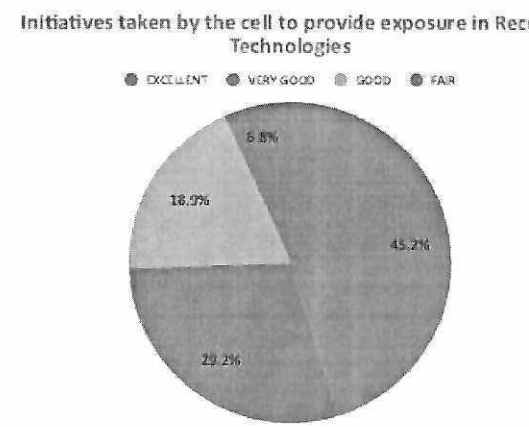
Overall Training Feedback

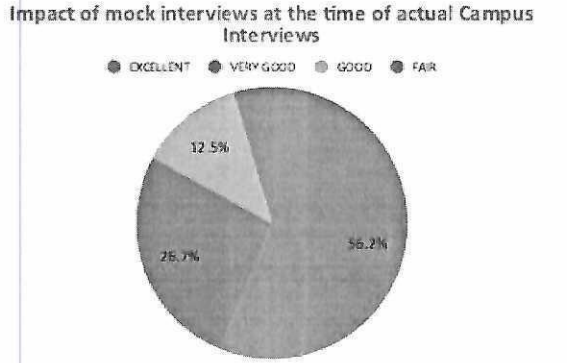
S.NO	PARAMETERS	EXCELLENT	VERY GOOD	GOOD	FAIR	Percentage	Scale to 4
1	The scope of present University curriculum in getting placement	133	82	49	17	79.45	3.18
2	Contribution of training and placement cell in providing sufficient number of training programmes	164	74	32	11	84.79	3.39
3	Efficiency of training programme provided to improve skills for placement	150	75	41	15	82.03	3.28
4	Initiatives taken by the cell to provide exposure in recent technologies	127	82	53	19	78.20	3.13
5	Impact of mock interviews at the time of actual campus interview	158	75	35	13	83.63	3.35











Action Plan 2022-2023

Sl. No	Suggestions received for the Academic year 2021-2022	Action plan implemented in 2022-2023 based on suggestions received for the Academic year 2022-2023	Improvement observed at the end of 2022-2023
1	Request for more practical, hands-on training, incorporation of the latest industry trends, and enhanced soft skills development.	**Curriculum Enhancement:** Collaborated with Knowledge Partners to update the curriculum, ensuring alignment with current industry needs. Integrated practical, real-world projects into all subjects to provide hands-on experience. **Soft Skills Training:** Introduced a dedicated module for soft skills development, including communication, teamwork, and problem-solving. Conducted mock interviews and seminars on resume building, interview skills, and professional etiquette. **Industry Partnerships:** Established partnerships (Centre of Excellence and Knowledge Partners) with leading companies to provide insights into industry expectations. Facilitated internships, allowing students to apply their skills in real-world scenarios.	**Student Performance:** Improved student engagement and satisfaction with the updated curriculum. Improved academic performance and a higher success rate in securing internships and job placements. **Employer Feedback:** Positive feedback from employers about the improved skills and readiness of graduates. Increased hiring rates and retention of graduates in the workforce. **Alumni Success Stories:** Showcased achievements, promotions, and contributions of alumni in their respective industries.
2	Request for increased exposure to industry professionals, insights into real-world scenarios, and networking opportunities through guest lectures.	Guest Lecture: Conducted guest lectures by inviting professionals from diverse in Collaborated with industry associations and alumni networks to id Diverse Topics and Speakers: Ensured a variety of topics were covered, addressing both genera Invited speakers with diverse backgrounds, experiences, and exp Interactive Sessions: Encouraged interactive sessions with Q&A segments to facilitate Organized panel discussions to allow for deeper exploration of ind	Enhanced Industry Understanding: Stakeholders reported a better understanding of industry practic Students gained valuable insights that complemented their acad Expanded Professional Networks: Alumni and industry professionals expressed satisfaction with th Increased Job Placement Opportunities: Observed a positive impact on job placement rates as students Employers noted the improved readiness of graduates who had
3	Request for enhanced coding skills among students and the ability to apply subject knowledge practically.	**Coding Clubs:** Introduced coding clubs focused on practical coding skills related to the students' academic subjects. **Integration of Coding in Curriculum:** Revised the curriculum to include more hands-on coding projects aligned with academic subjects. Ensured that coding exercises were integrated into course, allowing students to apply theoretical knowledge in practical scenarios. **Coding Competitions and Challenges:** Organized coding competitions and challenges to encourage healthy competition and continuous improvement. Provided platforms for students to showcase their coding skills and innovative solutions.	**Enhanced Coding Proficiency:** Students demonstrated a greater ability to write efficient code and solve practical problems related to their academic subjects. **Application of Subject Knowledge:** Noticed a significant improvement in students' ability to relate theoretical concepts to real-world applications. Students were better equipped to apply their subject knowledge to solve complex problems, making them more industry-ready. **Increased Employability:** Observed a positive impact on students' employability as companies valued the enhanced coding skills and practical application of subject knowledge. Higher placement rates and positive feedback from recruiters highlighted the increased industry relevance of graduates.
4	Request for improved communication skills, verbal articulation, and confidence during the interview process.	**Communication Skills Training:** Introduced 'Just a minute talk' focused on enhancing communication skills, including verbal articulation, body language, and effective expression. Introduced TOEFL certification training, brought in communication experts to provide hands-on guidance and tips. **Mock Interview Sessions:** Conducted mock interview sessions to simulate real interview scenarios and provide students with opportunities to practice and receive constructive feedback. Incorporated industry professionals or alumni as interviewers to add realism to the experience. **Public Speaking Events:** Encouraged participation in extracurricular activities that involve public speaking to build confidence.	**Increased Confidence in Interviews:** Stakeholders reported a noticeable increase in students' confidence during interviews. Students demonstrated improved self-assurance, contributing to a more positive impression on recruiters. **Enhanced Articulation and Clarity:** Noticed improvement in students' ability to articulate thoughts clearly and concisely. Recruiters provided positive feedback on the enhanced communication skills of candidates during the interview process. **Higher Interview Success Rates:** Observed a correlation between improved communication skills and higher success rates in interviews. More students successfully progressed through interview stages and secured job offers.

5	Request for increased availability of video lectures for flexible learning, accessibility, and as supplementary resources.	**Video Lecture Series:** Developed and implemented a comprehensive video lecture series covering key topics in the curriculum. Collaborated with experienced faculty members to deliver engaging and informative video content. **Accessibility and Online Platform:** Ensured all video lectures were easily accessible through a user-friendly online platform. Implemented a structured organization of video content, allowing students to navigate and revisit lectures as needed. **Interactive Elements:** Utilized multimedia elements, graphics, and real-world examples to make the content visually appealing and easily understandable.	**Enhanced Flexibility in Learning:** Stakeholders reported an increase in flexibility as students could access video lectures at their convenience. Students appreciated the ability to review lectures before exams, reinforcing their understanding of the material. **Higher Student Engagement:** Observed higher levels of student engagement with the introduction of interactive elements in video lectures. **Positive Impact on Learning Outcomes:** Noticed a positive impact on learning outcomes, with students demonstrating improved understanding of complex concepts covered in video lectures. Academic performance data showed a correlation between engagement with video content and higher grades.
6	Request for more demonstrations of real-world applications of theoretical concepts to enhance practical understanding.	**Industry Experts and Guest Lectures:** Invited industry experts to conduct sessions showcasing real-time practical applications within their respective domains. Organized guest lectures to bring in professionals who could share their practical experiences and demonstrate applications. **Live Projects and Case Studies:** Integrated live projects and case studies into the curriculum to provide hands-on experience with real-world scenarios. Collaborated with industry partners to develop projects that address current challenges and trends.	**Enhanced Practical Understanding:** Stakeholders reported an improvement in students' practical understanding of concepts as a result of exposure to real-time applications. Students demonstrated a deeper comprehension of how theoretical knowledge translates into practical solutions. **Increased Problem-Solving Skills:** Noticed a positive impact on students' problem-solving skills, particularly in addressing real-world challenges presented through live projects and case studies. Students became more adept at applying theoretical concepts to solve complex problems. **Industry Readiness and Employability:** Observed an increase in students' industry readiness and employability, with recruiters noting the practical skills gained through exposure to real-time applications. Higher placement rates and positive feedback from employers reflected the improved preparedness of graduates.

7	Request for the incorporation of courses focused on developing specific skills that align with the current needs of the industry.	**Industry Analysis and Collaboration:** Conducted a thorough analysis of industry trends and requirements to identify key skills in demand. Established partnerships with industry experts, companies, and associations to understand their specific skill needs. **Curriculum Enhancement:** Integrated skill development courses into the curriculum, focusing on areas such as technical skills, soft skills, and industry-specific tools. Ensured the courses were regularly updated to align with evolving industry demands. **Certification Programs:** Collaborated with relevant certification bodies to offer recognized certifications for specific skills. Encouraged students to participate in these programs to enhance their credentials and make them more competitive in the job market.	**Increased Relevance of Skills:** Stakeholders reported a significant increase in the relevance of the skills acquired by students through the newly introduced courses. Students demonstrated proficiency in areas directly aligned with industry expectations. **Higher Employability:** Observed a positive impact on students' employability as they possessed skills directly sought after by employers. Recruiters expressed satisfaction with the enhanced skill sets of candidates, leading to higher placement rates. **Positive Feedback from Employers:** Received positive feedback from employers noting the improved readiness of graduates in terms of skills and capabilities. Employers acknowledged the value of the specific skills developed through the additional courses.

R.M.K Group of Institutions
CAREER DEVELOPMENT CENTRE

NAME OF THE EMPLOYER: GRACY GNANASELVARAJ BATCH: 2019-2023

S No	Questions (Rate our Student's on the following parameters)	Excellent	Good	Satisfactory
1	Effectiveness in applying his/her engineering knowledge			✓
2	Performance in formulating and arriving at solutions to problems		✓	
3	Knowledge in the application of modern tools		✓	
4	Commitment towards assigned projects		✓	
5	Awareness on different platforms of technology developments		✓	
6	Ability in implementing his/her programing skills		✓	
7	Ethical and moral values in the work environment.		✓	
8	Leadership qualities		✓	
9	Interest towards research			✓
10	Interest in learning recent tools for the projects		✓	
11	Ability to perform as a team		✓	
12	Conseiousness towards environment		✓	

Any other suggestions on

The skill gap: knowledge required on TQM subject / Application oriented knowledge required.

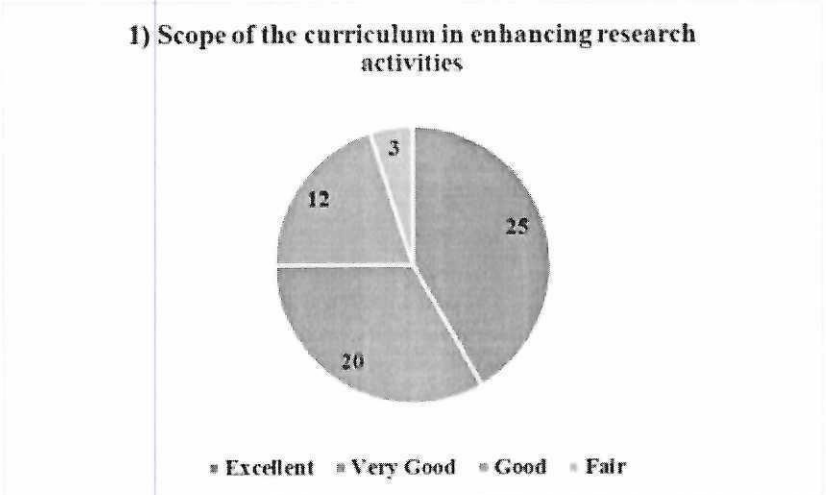
The training adequacy:

The curriculum:

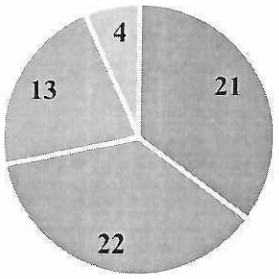
Stakeholders Feedback – Research and Development (R&D)

S.No	Stake Holder	No. of responses
1	Student	175
2	Faculty	80
3	Alumni	10
	Total	265

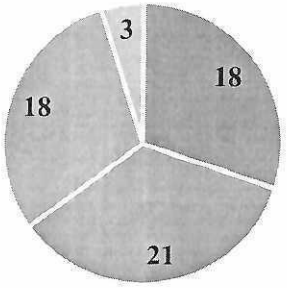
S.NO	2022-23	Excellent	Very Good	Good	Fair
1	Scope of the curriculum in enhancing research activities	25	20	12	3
2	Efforts taken in kindling research thirst among students and faculty	21	22	13	4
3	Awareness created among the students and faculty in getting funded projects and filing patents	18	21	18	3
4	Additional support given to the students and faculty in showcasing their research outcomes	20	22	14	4
5	Rewards given to appreciate good research performance	23	25	10	2
	Total	**82**	**90**	**55**	**13**



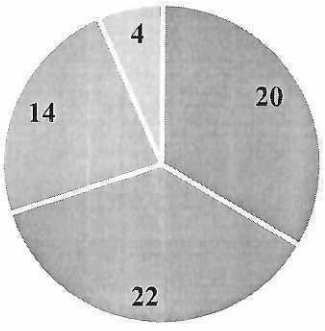
2) Efforts taken in kindling research thirst among students and faculty



3) Awareness created among the students and faculty in getting funded projects and filing patents



4) Additional support given to the students and faculty in showcasing their research outcomes



Other suggestions

1. Start a PG course in the emerging area to enhance research.
2. Encourage full-time research scholars by providing stipend.
3. Provide three half-days per week for research work.
4. Purchase a greater number of magazines for the central library.
5. Support each project with a small fund from the management side. Project guides can request Rs 20,000 as seed money for any innovative projects from the existing scheme.

Achievements -Scopus Journal Publications

S.NO	Academic Year/ Dept	2021-22	2022-23
1	AI&DS	1	18
2	CSE	31	80
3	Cyber Security	NA	NA
4	ECE	49	73
5	MECH	55	75
6	S&H	17	39
7	EEE	9	8
	TOTAL	**152**	**267**

Web of Science Journal Publications

S.NO	Academic Year/ Dept	2021-22	2022-23
1	AI&DS	0	2
2	CSE	11	24
3	Cyber Security	NA	NA
4	ECE	14	19
5	MECH	23	23
6	S&H	6	16
7	EEE	4	4
	TOTAL	**58**	**88**

Patent Publications

S.NO	Academic Year/ Dept	2021-22	2022-23
1	AI&DS	-	4
2	CSE	3	7
4	ECE	13	9
5	MECH	4	6
6	S&H	7	4
7	EEE	3	4
	TOTAL	**30**	**34**

Consultancy Projects

S.NO	Academic Year/ Dept	2021-22	2021-22	2022-23	2022-23
	No.of Projects/ Amount	No.of Projects	Amount	No.of Projects	Amount
1	AIDS	4	100000	4	132000
2	CSE	0	0	14	630000
3	ECE	7	167900	13	475270
4	EEE	2	20000	3	75000
5	MECH	3	161500	10	385000
6	S&H	5	200000	9	316,000
	TOTAL	**21**	**6,49,400**	**53**	**20,13,270**

Project proposals submitted

S.NO	Academic Year/ Dept	2021-22	2022-23
1	AIDS	4	11
2	CSE	17	33
3	Cyber Security	NA	NA
4	ECE	39	38
5	MECH	24	21
6	S&H	10	36
7	EEE	12	12
	TOTAL	**106**	**151**

The fixed target has been assigned to each faculty for publication and patent. The progress of research activities is monitored every month. It is observed that research publication count and patent filed or published count has increased. In the academic year 2022-23 the scopus publications reached 267 compared to previous year count 152. Number of articles published in web of science reached 88 from 58 in the previous year. Similarly consultancy project, patents publication and project proposal submitted to various agencies got increased in the year 2022-23 compared with previous academic year.

IQAC MEETING - FEEDBACK REPORT 2022-23

1. Suggestions received for the Academic year

1. Plan to have MOU with foreign Universities

2. Conduct seminar by Experts from foreign Universities

3. Conduct counselling session with foreign Universities.

4. Conduct training programs through various training academy

2.Action plan implemented in 2022-2023

*Conducted an orientation program by Professor Hiroki Sayama from Binghamton University, USA.

*Plan to arrange various webinars by university representatives through online mode to know the procedures of admission in foreign universities and suggestions to get financial support and scholarships.

* Made TOEFL exam as mandatory for all third year students.

3. Improvements observed as the result of the feedback collected and the implementation of the action plan at the end of the academic year 2022-2023.

1, Conducted various orientation programs with experts from various foreign universities.

2. Conducted various seminars for our students in seminar hall.

3. Conducted Educational fairs to Higher Education interested students in collaboration with IDP.

Date: 29.12.2023

Place: Puduvoyal

[Dr. R. SAKTHI]
AP/S&H

R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
PUDUVOYAL
601 206

29/12/23

PRINCIPAL
Dr. K. RAMAR B.E. M.E. Ph.D., FIE
PRINCIPAL
R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
PUDUVOYAL, GUMMIDIPOONDI TALUK - 601206.