



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE
• Name of the Head of the institution	P VEERA NARAYANA REDDY	
• Designation	PRINCIPAL	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	9440503242	
• Alternate phone No.	9640832229	
• Mobile No. (Principal)	6305660503	
• Registered e-mail ID (Principal)	rsrec.naac@gmail.com	
• Address	NH-16, DIST NELLORE, MANDAL BOGOLE	
• City/Town	KADANUTHALA VILLAGE, KAVALI	
• State/UT	ANDHRA PRADESH	
• Pin Code	524142	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	26/09/2023	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	JAGADEESH KASI				
• Phone No.	9952819472				
• Mobile No:	8320853919				
• IQAC e-mail ID	iqac.rsrec@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://rsrec.edu.in/pages.php?type=iqac&id=aqar				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://rsrec.edu.in/pages.php?type=academics&id=college				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.17	2023	10/03/2023	09/03/2028
6.Date of Establishment of IQAC			07/08/2015		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Institution	2f	UGC	07/03/2023	0	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	4				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken	Yes				

uploaded on the institutional website?		
If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
If yes, mention the amount		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
Encouraging members of faculty to participate in Workshops /seminars /Conferences		
Encouraging faculty with research aptitude to publish papers and apply for Patents		
NEP-2020 preparedness		
Motivated the staff members to improve their research aptitude and to apply for sponsored research projects.		
Encouraged the students to participate in on-campus and off-campus activities such as seminars, workshops, and various cultural and sports events and competitions.		
12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		

Plan of Action	Achievements/Outcomes				
1. Auditing of Departments 2. Provide student internships in industry 3. To improve exposure and inculcate an entrepreneurial mindset in the students & faculty in Science & Technology.	1. Audit is Carried out in the respective departments and audit findings are addressed 2. Students were provided with internships in core and IT Industry for real time experience. 3. Institution innovation Council and Start up, Innovation and Entrepreneurship Cell of the college organized programs to develop the requisite skill set for entrepreneurship with the participation of successful entrepreneurs and industry leaders.				
13. Was the AQAR placed before the statutory body?	Yes				
Name of the statutory body					
<table border="1"> <tr> <td>Name of the statutory body</td><td>Date of meeting(s)</td></tr> <tr> <td>Governing Body</td><td>10/09/2024</td></tr> </table>	Name of the statutory body	Date of meeting(s)	Governing Body	10/09/2024	
Name of the statutory body	Date of meeting(s)				
Governing Body	10/09/2024				
14. Was the institutional data submitted to AISHE ?	Yes				
Year					
<table border="1"> <tr> <td>Year</td><td>Date of Submission</td></tr> <tr> <td>2022 - 2023</td><td>07/03/2024</td></tr> </table>	Year	Date of Submission	2022 - 2023	07/03/2024	
Year	Date of Submission				
2022 - 2023	07/03/2024				
15. Multidisciplinary / interdisciplinary					
At Ramireddy Subbarami Reddy Engineering College (RSR), our mission is to empower rural youth by integrating a comprehensive approach that blends science, technology, and innovation. We are dedicated to fostering an entrepreneurial mindset and addressing local community challenges, contributing to national development through education					

that transcends traditional boundaries. Our approach emphasizes the importance of multidisciplinary and interdisciplinary learning, equipping students with diverse skills to solve complex, real-world problems. RSR follows the Choice-Based Credit System (CBCS) curriculum designed by the Institute. However, we go beyond the conventional framework by incorporating practical sessions, hands-on projects, and interactive theoretical instruction. This enriched curriculum allows students to explore intersections between engineering, management, and innovation. Each year, more than 1,000 students participate in value-added courses specially designed by our faculty for first- and second-year engineering students. These courses are further enhanced by guest lectures from industry experts and faculty from our MBA department, offering insights into the synergy between business principles and engineering practices. Our commitment to a multidisciplinary approach is reflected in the activities of the Institute Innovation Council (IIC), which motivates students to work on community-based projects. By tackling local challenges, students gain practical experience and learn to apply interdisciplinary knowledge to create meaningful solutions. RSR also supports students through a robust mentor-mentee system, identifying individual learning needs and providing personalized assistance to both slow and fast learners. This customized support, combined with mandatory value-added courses, ensures that every student acquires the necessary skills for personal and professional growth. Innovation and creativity are further cultivated through our Innovation Club, Universal Human Values Cell, and Intellectual Property Rights Facilitation Centre. These platforms encourage students to explore new ideas, develop ethical values, and understand the importance of intellectual property in today's competitive world. By fostering an environment where diverse disciplines intersect, RSR equips students with the critical thinking, innovation, and adaptability needed to excel in a dynamic global landscape. Through our holistic approach to education, RSR continually evolves its curriculum to meet emerging challenges and opportunities. Our focus on multidisciplinary and interdisciplinary learning prepares students not only for academic achievement but also for real-world problem-solving, community engagement, and nation-building. By nurturing innovation, creativity, and social responsibility, we empower rural youth to become transformative leaders capable of driving positive change in society.

16.Academic bank of credits (ABC):

Ramireddy Subbarami Reddy Engineering College (RSR) is committed to providing a dynamic and flexible learning environment for students by adopting innovative frameworks like the Academic Bank of Credits

(ABC). This system, introduced under the National Education Policy (NEP-2020), empowers students to accumulate, transfer, and redeem academic credits, promoting personalized education pathways and supporting multiple entry and exit points in academic programs. In alignment with NEP-2020, RSR has integrated the ABC system to facilitate seamless credit transfers and ensure a more student-centric approach to higher education. Through the ABC platform, students can earn credits from various recognized sources, including national initiatives like SWAYAM, NPTEL, and other Massive Open Online Courses (MOOCs). This flexibility allows students to tailor their learning experience, pursue interdisciplinary interests, and complete their degrees at their own pace. To further enrich the academic experience, RSR encourages students to enroll in online courses offered by platforms such as NPTEL, Swayam, and similar digital learning resources. These courses help bridge the gaps in the existing curriculum designed by JNTUA, ensuring students gain exposure to the latest industry-relevant knowledge and skills. Completing NPTEL courses is a mandatory requirement integrated into the syllabus, enhancing the scope and quality of education. RSR is also registered with the National Academic Depository (NAD) through DigiLocker (www.nad.digilocker.gov.in). This initiative allows students to securely store and access their academic records, such as mark sheets and certificates, in a digital format. By streamlining the verification process for institutions and recruiters, NAD simplifies the recognition of both academic and extracurricular achievements. The integration of NAD with the ABC framework ensures that student records are not only secure but also easily transferable across institutions and programs. To ensure the effective implementation of these digital initiatives, RSR conducts regular training sessions for faculty, enabling them to guide students in leveraging the ABC and NAD systems. This proactive approach fosters a culture of continuous learning and adaptability, equipping students with the necessary tools to manage their educational journey independently. By adopting the ABC system, RSR is enhancing flexibility, promoting lifelong learning, and empowering students to take charge of their education. This forward-thinking approach ensures that RSR graduates are well-prepared to meet the evolving demands of their careers and contribute meaningfully to society. Through the seamless integration of digital platforms and credit-based learning, RSR is driving innovation in education and supporting the holistic development of rural youth.

17.Skill development:

At Ramireddy Subbarami Reddy Engineering College (RSR), skill development is a core focus, designed to equip students with the

competencies needed to excel in their careers and adapt to a rapidly evolving world. Recognizing the importance of bridging the gap between academic knowledge and industry requirements, RSR integrates targeted skill development programs into its curriculum, fostering both technical and soft skills. RSR's approach to skill development encompasses a wide range of activities, including hands-on workshops, practical training sessions, industry internships, and project-based learning. These initiatives ensure that students not only understand theoretical concepts but also gain real-world experience in applying them. By collaborating with industry experts, RSR offers specialized training in cutting-edge technologies such as artificial intelligence, machine learning, data science, cybersecurity, and cloud computing. In addition to technical skills, RSR emphasizes the development of essential soft skills like communication, teamwork, problem-solving, and leadership. Workshops on public speaking, time management, critical thinking, and interpersonal skills are regularly organized to prepare students for workplace challenges. These soft skills are crucial for ensuring that students can work effectively in diverse teams and adapt to different professional environments. To further enhance employability, RSR encourages students to participate in online certification courses offered by platforms like NPTEL, Coursera, Edx, and Udemy. These courses provide flexibility and allow students to stay updated with the latest industry trends. Completing these certifications not only broadens their knowledge but also adds value to their resumes, making them more attractive to potential employers. RSR also hosts skill development boot camps and hackathons, providing students with opportunities to solve real-world problems in a collaborative and competitive environment. These events foster innovation, creativity, and the ability to think on their feet, skills that are highly valued in today's job market. Furthermore, the college's mentorship programs play a critical role in skill development. Faculty mentors guide students in identifying their strengths and weaknesses, offering personalized advice to help them improve specific skills. This tailored approach ensures that each student receives the support they need to reach their full potential. By prioritizing skill development, RSR is preparing its students to be versatile, job-ready professionals who can thrive in a competitive global economy. The college's comprehensive approach ensures that graduates not only possess the technical expertise required for their fields but also the soft skills necessary for professional success and personal growth.

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

The integration of the Indian Knowledge System (IKS) into the curriculum at Ramireddy Subbarami Reddy Engineering College (RSR) reflects a commitment to aligning with the vision of the National Education Policy (NEP) 2020, which emphasizes promoting India's rich cultural heritage and knowledge systems. This integration is not only about preserving but also enhancing the relevance of Indian culture, values, and languages in modern education, ensuring students are well-rounded and culturally grounded. Here are key aspects of how RSR achieves this integration:

Promotion of Indian Languages: RSR ensures that Indian languages are actively promoted, making them a medium of instruction where appropriate. This approach aids in better engagement and understanding, particularly for students from different linguistic backgrounds. Faculty members are trained to teach in multiple languages, enhancing communication and making content more relatable to the students. This fosters a deeper connection with the material and encourages active participation.

Cultural and Language Clubs: RSR facilitates cultural understanding through its cultural and language clubs. These clubs organize activities that celebrate and promote Indian traditions, languages, and cultural practices. The active involvement of students in these clubs strengthens their cultural identity and broadens their worldview.

Activity-Based Teaching and Social Interventions: At RSR, activity-based teaching is implemented, which involves practical engagement with Indian culture and traditions. This approach is designed to connect theoretical knowledge with real-world applications, especially through social interventions. For example, students may engage in activities like community service, traditional arts, or sustainability efforts, ensuring that cultural and social relevance is a key aspect of their learning process.

Celebration of Indian Festivals: The college promotes a sense of unity and cultural appreciation by celebrating a variety of Indian festivals, such as Ugadi, Diwali, Eid Ul Adha, Ganesh Chaturthi, and Christmas. These celebrations foster inclusivity and social harmony among students and staff from diverse backgrounds. Through these celebrations, students learn the values of respect, coexistence, and community participation, reinforcing India's ethos of unity in diversity.

Use of Folk Knowledge and Local Stories: The RSR library plays a crucial role in preserving and disseminating folk stories, songs, and local knowledge that are integral to the Indian Knowledge System. These resources are integrated into the teaching-learning process, making lessons more culturally relevant and engaging. Faculty members use this rich knowledge base to provide students with insights into Indian traditions, philosophies, and practices, thus enriching their learning experience.

Incorporation of Yoga and Well-Being Practices: Yoga, a cornerstone of Indian culture, is

included in the curriculum as a practice that promotes both mental and physical well-being. This not only benefits students' health but also encourages mindfulness and stress management, which are crucial for their academic success and personal growth. Online Courses with Indian Cultural Content: RSR is also leveraging online platforms to provide courses that integrate Indian knowledge and cultural practices. This allows students to access a wide range of resources, including traditional texts, teachings, and modern interpretations, all while being immersed in a digital learning environment that bridges the gap between traditional and contemporary knowledge systems. Through these initiatives, RSR not only ensures that the Indian Knowledge System is preserved and promoted but also integrates it in a way that enhances the overall educational experience, making students more culturally aware and prepared to contribute to society in a holistic manner.

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

The Outcome-Based Education (OBE) model, as outlined in the National Education Policy (NEP) 2020, plays a pivotal role in transforming the education landscape in India. It aims to align educational outcomes with global standards, ensuring that students acquire the skills and knowledge required for success in the modern workforce. Ramireddy Subbarami Reddy Engineering College (RSR) has fully embraced this approach, committing to continuous improvement in educational standards and outcomes. RSR has designed a comprehensive framework to map Course Outcomes (COs) to Program Outcomes (POs) and Program-Specific Outcomes (PSOs), ensuring that each course and program contributes to the broader educational goals. This careful mapping helps in tracking the achievement of desired educational outcomes and ensures that all levels of learning are synchronized. At RSR, outcomes are measured at three levels: COs, POs, and PSOs, with regular assessments conducted to evaluate whether the targets for each course have been met. This data-driven approach ensures a high standard of learning and teaching, guiding decisions on areas for improvement. To streamline the process and reduce manual workload, RSR uses an OBE module within the Campus Management Software, which automates the tracking and calculation of attainment levels. This tool supports real-time data collection, ensuring that faculty, students, and administrators stay informed about progress. At the end of each semester, RSR analyzes whether the set targets for COs have been achieved. If there are gaps, corrective actions are taken, and if the targets are exceeded, higher standards are set to maintain a challenging environment. The college has appointed a dedicated OBE Coordinator to oversee the implementation across all departments, ensuring adherence to NEP 2020 guidelines. Since the

introduction of OBE in 2016, the framework has been fully integrated across all departments. RSR is also working towards NBA (National Board of Accreditation) accreditation, with 12 common Program Outcomes for all engineering branches and 12 specific POs for the MBA program, in line with NBA standards. By focusing on outcomes, RSR provides a student-centered education that aligns with global industry standards, ensuring graduates are well-prepared with both theoretical knowledge and practical skills. This commitment to continuous learning and improvement promotes an environment where students and faculty strive for excellence, preparing graduates to contribute effectively to the global workforce.

20.Distance education/online education:

RSR is dedicated to providing flexible and inclusive learning opportunities, particularly through the use of online education. By offering specialized elective courses through online platforms, students from various disciplines can engage in diverse subjects, benefiting from the expertise of professionals worldwide. This online learning approach not only enhances the depth of knowledge but also brings in varied perspectives, enriching the overall educational experience. In addition to course offerings, RSR actively promotes the completion of online courses via platforms like edX and Coursera, where students have successfully earned certificates, expanding their academic and professional horizons. To further broaden access, RSR is exploring the feasibility of establishing study centers for distance education across different regions, pending approval from the affiliating university. This initiative would provide students unable to attend in person with an opportunity to access quality education. Moreover, RSR is considering customized programs designed for industry professionals, allowing them to pursue further education without disrupting their careers. These programs would be scheduled during weekends or after working hours, providing a convenient and flexible way for professionals to upskill. Additionally, RSR encourages students to undertake NPTEL exams in open electives, facilitating credit transfer opportunities. This initiative supports students in gaining extra credits through online learning, ensuring they can benefit from a more diverse academic experience. Through these combined efforts, RSR is committed to fostering an environment where both traditional students and working professionals have the flexibility to advance their education in a way that aligns with their personal and professional commitments.

Extended Profile

1.Programme

1.1	6
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	1350
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	285
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	1350
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1	636
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	98
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	98
4. Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	480
4.2 Total number of Classrooms and Seminar halls	32
4.3 Total number of computers on campus for academic purposes	392
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	291.79
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	
Ramireddy Subbarami Reddy Engineering College (RSREC) follows a structured approach to designing, revising, and implementing curricula across all departments. The institute's goal is to achieve excellence in engineering, technology, and management by offering globally benchmarked programs that encourage research and equip students to become globally competent professionals. The undergraduate and postgraduate programs aim to produce graduates with the knowledge and skills to thrive in diverse, cross-border roles. These programs ensure a comprehensive education tailored to meet societal and industry needs.	

RSREC introduced the Choice-Based Credit System (CBCS) in 2015, transitioning to an Outcome-Based Education (OBE) framework in 2019. This shift aligns with the institute's vision by emphasizing graduate attributes and learning outcomes. The curriculum design considers feedback from stakeholders, including parents, industry experts, and alumni, and incorporates insights from reputed Indian and international institutions to integrate the latest technologies and advancements.

The curriculum addresses global and regional challenges by focusing on foundational knowledge and emerging technologies. Solution-oriented courses equip students to analyze local needs using scientific and engineering principles. Additionally, the embedded project component enables students to contribute to the development of small-scale industries, fostering innovation and entrepreneurship.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://rsrec.edu.in/userfiles/file/NAAC-AQAR-23-24/1/1.1.1/1.1.1.xlsx

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

6

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

111

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

1.2 - Academic Flexibility

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

11

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

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

6

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

Ramireddy Subbarami Reddy Engineering College (RSREC) ensures that its curriculum incorporates essential cross-cutting themes such as

professional ethics, gender equality, human values, and environmental sustainability. This approach fosters the holistic development of students and prepares them to contribute meaningfully to society.

Professional Ethics and Human Values Courses like Human Values and Professional Ethics, Business Ethics, and Corporate Governance emphasize self-exploration, ethical decision-making, and harmonious coexistence within families, society, and nature. These subjects encourage students to engage in self-reflection and commit to ethical practices in their personal and professional lives.

Gender Sensitization Through courses such as Social Values and Ethics, the curriculum promotes gender equality, social responsibility, and awareness of gender-based issues. In addition, the college organizes guest lectures, seminars, and awareness programs as part of its gender sensitization action plan, fostering equality and social justice.

Environment and Sustainability Environmental concerns are addressed through specialized courses like Environmental Engineering, Disaster Management and Mitigation, Environmental Impact Assessment, and Green Business Management. Events such as World Water Day, Earth Day, and World Environment Day further enhance awareness and inspire action.

By embedding these elements into its curriculum, RSREC shapes socially responsible, ethically conscious, and environmentally aware graduates equipped to tackle global and regional challenges.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

24

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

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

1213

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

535

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://rsrec.edu.in/pages.php?type=iqac&id=feedback-system
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following		A. Feedback collected, analysed and action taken made available on the website
File Description	Documents	
Provide URL for stakeholders' feedback report	https://rsrec.edu.in/pages.php?type=iqac&id=feedback-system	
Any additional information	View File	
TEACHING-LEARNING AND EVALUATION		
2.1 - Student Enrollment and Profile		
2.1.1 - Enrolment of Students		
2.1.1.1 - Number of students admitted (year-wise) during the year		
344		
File Description	Documents	
Any additional information	View File	
Institutional data in prescribed format	View File	
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)		
257		
File Description	Documents	
Any additional information	View File	
Number of seats filled against seats reserved (Data Template)	View File	
2.2 - Catering to Student Diversity		
2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.		
Ramireddy Subbarami Reddy Engineering College (RSREC) tailors education to match students' individual learning capacities, acknowledging their unique strengths, weaknesses, and learning styles. The institution employs a dynamic system to identify and support learners across various levels.		

Programs for Advanced Learners (Category A): High-performing students are engaged in project-based learning and motivated to compete in national and international events. They are encouraged to explore advanced online courses, participate in student clubs for extracurricular development, and prepare for competitive exams. Opportunities to undertake research projects further hone their expertise.

Programs for Average Learners (Category B): In addition to initiatives for advanced learners, these students receive extra attention from faculty advisors to address their academic challenges. They are guided to join inter-collegiate competitions and are provided with training to improve their scores and overall academic achievements.

Programs for Slow Learners (Category C): Specialized programs for slow learners focus on improving academic performance and overcoming personal obstacles. Peer mentoring, pre- and post-assessment remedial classes, and focused support sessions are organized to strengthen their understanding. Study materials and question banks are provided to enhance their preparation for exams.

Through these tailored programs, RSREC ensures a holistic and inclusive educational experience for all its students.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/08/2023	1350	98

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

The college adopts student-centric approaches to enhance the teaching-learning process and improve student competencies. A variety of methods are employed, including advanced teaching aids, diverse teaching strategies, online learning platforms, invited lectures, industry-offered courses, and integrated curricula. To foster experiential learning, the institution organizes student seminars, role plays, project exhibitions, business management bazaars, short-term in-plant training, and internships.

Participative learning plays a vital role in engaging students actively. Through assignments, quizzes, guest lectures, workshops, group discussions, field visits, industrial tours, and activities in special labs, students gain academic and extracurricular skills. These practices encourage collaborative learning and help students develop practical knowledge.

Problem-solving skills are prioritized to prepare students for real-world challenges. The ability to critically analyze problems and devise effective solutions is integrated into almost all courses. Students are encouraged to participate in special projects, design contests, and national or international-level competitions to nurture these skills. Such activities equip them with the expertise sought by industries and enhance their career readiness.

Overall, the college's innovative methodologies ensure a comprehensive learning environment, fostering academic growth, skill development, and industry-relevant problem-solving capabilities among students.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

The teaching-learning process at Ramireddy Subbarami Reddy Engineering College (RSREC) is designed to be student-centric, incorporating diverse methods to enhance student competencies. Faculty lectures are supplemented with innovative teaching aids and strategies to ensure effective delivery.

The college emphasizes the use of Information and Communication Technology (ICT) tools to modernize education. Since 2015, the

campus has been equipped with digital platforms to facilitate technology-driven learning. Faculty undergo regular ICT training to stay updated with the latest advancements, improving their proficiency in using these tools.

RSREC uses Aspiro and Webpro as its Learning Management System (LMS) to manage educational content and assessments efficiently. The platform enables faculty to upload lecture recordings, allowing students to revisit missed sessions or review concepts for better understanding. Comprehensive course plans, assignments, quizzes, and resources such as PowerPoint presentations, videos, and documents are also published on Aspiro and Webpro.

This system ensures that students have seamless access to course materials at any time, promoting self-paced learning and improving academic outcomes. By integrating ICT into its teaching practices, RSREC fosters a technologically advanced and inclusive educational environment that caters to the evolving needs of modern learners.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.rsrec.edu.in/pages.php?type=academics&id=ict
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

76

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

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

Academic Schedule At Ramireddy Subbarami Reddy Engineering College (RSREC), the academic schedule for each semester is meticulously planned. The Member Secretary of the Academic Council collaborates

with the Dean of Academics and the Controller of Examinations to draft the schedule. Once finalized, it is approved by the Principal and shared with faculty and students. The schedule includes critical dates for class commencement, Continuous Internal Examinations (CIE), the last working day, practical exams, semester-end examinations, and tentative reopening dates for the following semester.

Teaching Plan Faculty members maintain a Faculty Record Book that contains comprehensive details, including the course syllabus, delivery plans, course outcomes and their mapping with program outcomes, topics beyond the syllabus, planned learning resources, and records of course coordinator meetings. These teaching plans are reviewed and approved by the Head of the Department (HoD).

The semester's course delivery plans are uploaded to the Aspiro and Webpros software, ensuring transparency and accessibility for students. Additionally, a list of holidays is prepared, approved by the Principal, and published on the college website. These systematic processes ensure structured and efficient academic and teaching practices, fostering a well-organized educational environment.

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

2.4 - Teacher Profile and Quality

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

98

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

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

12

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

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

620

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

2.5 - Evaluation Process and Reforms

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

25

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

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

26

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

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

The Office of the Controller of Examinations (COE) at Ramireddy Subbarami Reddy Engineering College (RSREC) oversees the continuous assessment of students' learning while upholding the highest quality and confidentiality standards. The COE is responsible for organizing, scheduling, conducting, and recording Continuous Internal Examinations (CIE) and Semester-End Examinations, ensuring smooth execution at every stage.

Examination Reforms and Innovative Practices

Industry-Oriented Courses: Students can undertake industrial training for 4, 8, or 12 weeks. The earned credits allow them to forgo one professional elective course, integrating practical exposure with academics.

Open Electives: Under the Choice-Based Credit System (CBCS), open electives are mandatory in the 5th, 6th, and 7th semesters. Students can choose from a diverse range of multidisciplinary courses.

Online/NPTEL Courses: Students can earn credits through online platforms like NPTEL, which can replace one additional professional elective.

Internships: Credits from internships, depending on their duration, can substitute a 3-credit professional elective or a mini-project, promoting real-world learning experiences.

Open Book Tests: To encourage creative thinking, problem-solving, and practical application of knowledge, open book tests are incorporated.

Student Publications: In the final semester, students are motivated to engage in research, leading to publications in journals,

conferences, or patents, fostering academic innovation and industry readiness.

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

2.6 - Student Performance and Learning Outcomes

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

Framing the Institutional Vision, Mission, and Quality Policy At Ramireddy Subbarami Reddy Engineering College (RSREC), the Vision and Mission statements are crafted through collaborative strategic planning. Faculty members, including the Principal and Heads of Departments (HoDs), participate in these sessions alongside input from management, alumni, and industry representatives during review meetings. The Mission is specifically designed to align with and support the institutional Vision. Feedback is gathered in various forums to refine and finalize these statements.

Developing Departmental Vision, Mission, PEOs, POs, and PSOs Each department formulates Program Educational Objectives (PEOs), Program Outcomes (POs), Program-Specific Outcomes (PSOs), and Course Outcomes (COs) in compliance with NBA accreditation requirements. These outcomes are periodically reviewed and evaluated to identify gaps and enhance teaching methodologies. The well-defined COs, developed collaboratively by faculty during syllabus design, are mapped to POs and reviewed by the Board of Studies (BoS) for approval.

Dissemination of Outcomes The outcomes are communicated to all stakeholders—students, faculty, parents, alumni, and industry professionals—through various channels. These include the institutional website, student orientation programs, faculty induction workshops, parents’ meetings, alumni gatherings, curriculum books, student lab manuals, and display boards in prominent locations. This ensures transparency and alignment with academic and professional goals.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://www.rsrec.edu.in/department_publications.php?subject=4

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

Course Outcome (CO) Assessment Ramireddy Subbarami Reddy Engineering College (RSREC) evaluates course outcomes to measure the effectiveness of teaching and learning. Direct assessment methods include Continuous Internal Evaluation (CIE) tests, objective-type assessments, model exams, project reviews, semester-end exams, assignments, seminars, practical exams, quizzes, and real-time problem-solving tasks.

Indirect assessment is conducted through a Course End Survey, where students provide feedback at the semester's conclusion. The collected data is analyzed to determine the attainment levels of the course and program outcomes, identifying areas of strength and improvement.

Program Outcome (PO) Assessment The attainment of Program Outcomes (POs) and Program-Specific Outcomes (PSOs) is evaluated at the program's completion using direct and indirect assessment methods. Direct assessment relies on the weighted average of the COs mapped to each PO and PSO.

Indirect assessment methods include Exit Surveys, Employer Feedback, Alumni Feedback, Student Feedbacks, Employee Feedback. These provide a comprehensive evaluation of student readiness for industry or further education.

The departmental Program Assessment Committee conducts an in-depth analysis of attainment levels. Weak areas are identified, and targeted action plans are devised to address gaps, ensuring continuous improvement in achieving POs and PSOs.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.rsrec.edu.in/pages.php?type=academics&id=obe

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

285

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.rsrec.edu.in/pages.php?type=iqac&id=activities

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://www.rsrec.edu.in/userfiles/file/NAAC-AQAR-23-24/2.7.1/2.7.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Ramireddy Subbarami Reddy Engineering College (RSREC) actively promotes a research-driven culture through well-structured initiatives and facilities. The institution has established dedicated research centers and provides intramural grants to faculty and students, encouraging interdisciplinary projects that address societal and industrial challenges. RSREC integrates research into

academics, fostering innovation and critical thinking among students and faculty alike.

To enhance the research ecosystem, the college organizes an annual Research Day on the eve of National Science day, offering a platform for showcasing innovative projects. Faculty and students receive incentives for publishing papers in reputed journals and filing patents. Collaboration with industries, national research organizations, and academia is prioritized to create impactful, real-world solutions. The institution also conducts specialized training programs, workshops, and competitions to keep researchers abreast of emerging trends and technologies.

State-of-the-art laboratories and infrastructure, along with access to online research databases, support advanced investigations. Faculty are encouraged to undertake funded projects from government and private bodies. These measures have resulted in increased publications, patents, and prototype developments, gaining recognition at national and international levels.

RSREC continues to address challenges such as time constraints and funding, striving to foster a research-centric atmosphere that contributes to academic excellence and societal progress.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.rsrec.edu.in/pages.php?type=research&id=research
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

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

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

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

0

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

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

1

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

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

0

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

3.3 - Innovation Ecosystem

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

Ramireddy Subbarami Reddy Engineering College (RSREC) has established a robust ecosystem that fosters innovation and the creation and transfer of knowledge. This ecosystem is supported by dedicated centers focusing on research, entrepreneurship, community orientation, and incubation, which collectively drive academic and societal advancements.

The college houses specialized research centers equipped with modern facilities to conduct cutting-edge studies across various disciplines. These centers collaborate with industries, academic institutions, and government organizations to undertake impactful projects. Faculty and students are actively encouraged to publish research in reputed journals and secure patents, enhancing the institution's contribution to the knowledge economy.

Entrepreneurship is promoted through regular workshops, mentorship programs, and innovation challenges. The incubation center supports budding entrepreneurs by providing resources, technical guidance, and networking opportunities with industry experts and investors. This platform empowers students and faculty to transform their ideas into viable startups.

Additionally, community-oriented initiatives ensure that innovations address real-world problems, focusing on sustainability and societal welfare. Programs like the NSS Clean & Green Camp and health awareness drives connect research and innovation to community needs.

By integrating research, entrepreneurship, and community engagement, RSREC cultivates an environment conducive to innovation, skill development, and the seamless transfer of knowledge to benefit society at large.

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

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

4

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

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>No File Uploaded</td></tr> </tbody> </table>	File Description	Documents	Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File	Any additional information	No File Uploaded			
File Description	Documents								
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File								
Any additional information	No File Uploaded								
3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year									
3.4.2.1 - Number of PhD students registered during the year									
1									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>URL to the research page on HEI website</td><td>https://www.rsrec.edu.in/pages.php?type=research&id=research</td></tr> <tr> <td>List of PhD scholars and details like name of the guide, title of thesis, and year of registration</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	URL to the research page on HEI website	https://www.rsrec.edu.in/pages.php?type=research&id=research	List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File	Any additional information	View File	
File Description	Documents								
URL to the research page on HEI website	https://www.rsrec.edu.in/pages.php?type=research&id=research								
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File								
Any additional information	View File								
3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year									
7									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>List of research papers by title, author, department, and year of publication</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	List of research papers by title, author, department, and year of publication	View File	Any additional information	View File			
File Description	Documents								
List of research papers by title, author, department, and year of publication	View File								
Any additional information	View File								

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year	
15	
File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rsrec.edu.in/userfiles/file/NAAC-AQAR-23-24/3/3.4.4/3.4.4_FINAL.pdf
3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed	
3.4.5.1 - Total number of Citations in Scopus during the year	
7	
File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File
3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University	
3.4.6.1 - h-index of Scopus during the year	
2	
File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded
3.5 - Consultancy	
3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)	
0	

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

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

0

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

3.6 - Extension Activities

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

Ramireddy Subbarami Reddy Engineering College (RSREC) emphasizes the holistic development of its students through active engagement in extension activities conducted in the neighborhood community. These activities, primarily organized through the National Service Scheme (NSS), aim to sensitize students to pressing social issues while instilling values of social responsibility, empathy, and community service.

During the year, RSREC's NSS team organized various impactful initiatives, including the NSS Special Camp conducted in Gowravaram village. This seven-day camp featured activities such as

environmental conservation programs, water tank cleaning, plastic usage awareness, and health awareness drives. Volunteers also distributed stationery to support dropout students and organized tree plantation drives to promote sustainability. These efforts directly addressed the needs of the local community while providing students with hands-on exposure to real-world challenges.

The college also conducts regular activities like blood donation camps, health check-up drives, and awareness campaigns on topics such as hygiene, education, and gender equality. These initiatives create a meaningful impact on the local community and foster a sense of civic duty among students.

Through these extension activities, RSREC not only contributes to societal welfare but also nurtures socially responsible graduates equipped to make a positive impact in their professional and personal lives.

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

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

1

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

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

8

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

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

500

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

3.7 - Collaboration

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

15

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

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

3

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

RSR has adequate Infrastructure in excess with the AICTE Guidelines issued, we have a total area covered is as follows.

Total area covered by building 255330 Sq. ft.

- **Total area occupied by academic area (All classrooms & labs): 94,453 Sq. ft.**
- **Total area occupied by Administrative Block (Dean Office, Principal Office, Director Office, Faculty Offices, and Accounts Office): 14,908 Sq. ft.**
- **Total area access & circulation (Corridor, Staircase & Lobbies): 47,361 Sq. ft.**
- **Total area occupied for amenities (Mess, Cafeteria, Hostels & Dining Areas): 62,430 Sq. ft.**
- **Total Area occupied by Classrooms: 36,166 Sq. ft. and Labs: 58,071 Sq. ft.**

Ground Floor:

- **Auditorium with 420 capacity**
- **Labs: Surveying Lab, Strength Materials Lab, Heat Transfer Lab, Geo Technical Lab, Transportation Lab, MEM/MSE Lab, Electrical Machines Lab, FM & HM Lab, Physics and Chemistry Lab.**
- **Washrooms (M/F) and PWD: Yes**
- **GYM and PD Room**

First Floor:

- **Classrooms: 14 Nos.**
- **Washrooms (M/F) and PWD: Yes**
- **Other Rooms: Principal Office, Accounts Office, Director Office, Administrative Office, TPO Office, IQAC Office, Exam Section, Reception, Seminar Hall.**

Second Floor:

- **Classrooms: 3 Nos.**
- **Labs: Digital Library, Library, IT Workshop, IT Labs, Communication Skills Lab, Computer Labs**
- **Washrooms (M/F) and PWD: Yes**
- **Seminar Hall**

Third Floor:

- **Classrooms: 15 Nos**
- **Labs: M.O.C. Lab, E.C. Lab/E.M. Lab, C.S. Lab/P.E. Lab, Micro Processors Lab, EDC Lab, IC Applications Lab, PDC/Communication Lab**
- **Washrooms (M/F) and PWD: Yes**
- **Tutorial Room, Alumni Cell.**

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

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

RSR provides adequate facilities for sports ,cultural facilities games (indoor, outdoor), gymnasium, yoga

The college has the following facilities:

- **Total Outdoor Area (includes Cricket Ground, Throw Ball Area, Shuttle Court, etc.): 5 Acres**
- **Total Indoor Area: 753 Sq.ft**
- **Total Gym Area: 1506 Sq.ft**
- **Table Tennis Court: 753 Sq.ft**
- **Indoor Games:**
 - **Chess: 20**
 - **Carom: 5**
 - **Table Tennis: 1**
- **Outdoor Games:**
 - **Volleyball: 5**
 - **Badminton: 5**
 - **Cricket: 10 sets**

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	Nil

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

32

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

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

45.26

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

4.2 - Library as a Learning Resource

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

The RSR Library has been fully automated using specialized library automation software from WebPros India. Screenshots of each module are provided, illustrating the various automated processes, including the streamlined book issue and return system. The Online Public Access Catalogue (OPAC) offers a comprehensive database of the library's collection, allowing users to efficiently search for resources. The library's complete computerization, enhanced with barcoded book issue and return functionalities, is in progress, supported by WebPros India's software.

The library also supports various departmental libraries, each with its own collection of reference books and journals, catering to specific academic disciplines. In addition, a spacious, well-furnished reading room accommodates students, creating a comfortable and conducive environment for study and research.

To extend its resources beyond print, the library provides access to

a range of e-journals for students and faculty, supporting academic and research needs across disciplines. The RSR Library's combination of digital and physical resources ensures comprehensive support for the academic community, fostering an environment of learning, research, and intellectual growth.

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

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

A. Any 4 or more of the above

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

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

2.4

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

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

860

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

4.3 - IT Infrastructure

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

RSR boasts a cutting-edge IT infrastructure featuring 392 modern computers and laptops, supporting both administrative and academic needs. The campus is equipped with a dedicated Internet Leased Line with a backup connection, ensuring seamless and uninterrupted internet access. Wi-Fi access points provide comprehensive coverage throughout the campus, including all hostel areas, enabling connectivity for all users.

RSR's datacentre is a robust facility with high-end physical blades that host virtual servers on Windows platforms. These servers support a range of critical applications and services essential to campus operations. A state-of-the-art firewall serves as the first line of defence, protecting the IT network from external cyber threats. This Unified Threat Management (UTM) system also provides Network Address Translation (NAT) services, efficiently managing IP addresses to facilitate secure internet access campus-wide.

An IT infrastructure committee is a committee of senior faculty to direct, review, and approve IT strategic plans, oversee major initiatives, and allocate resources. The IT Infrastructure committee deals with the procurement and maintenance of the following items.

- Computers and Laptops
- Routers
- Wi-Fi Hotspot devices
- Server
- Projectors
- CC cameras

With a proactive approach to IT upgrades, RSR is committed to maintaining and advancing its ICT infrastructure, ensuring a secure, efficient, and high-performance network that supports educational and administrative excellence.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1350	392

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

291.79

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

Maintenance policies: There are established Systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratories, IT facilities, library, sports complex, computers, classrooms etc.

Laboratory: Students are provided with sufficient number of sophisticated equipment and instruments in laboratories which are accessible to all students.

Library: Advisory Committee is constituted for smooth functioning and effective functioning. The advisory committee of institute framed the rules/strategies regarding issuing of books and journals from Library. The institute enforces guidelines for optimum utilization of available resources in library for providing better quality services.

Computers: One full time computer technician is available for day to-day maintenance of computers and other IT facilities in the institution.

Sports: The department of physical education operates from a separate room. The management has appointed a physical director to look after the sports activities.

Classrooms: All the facilities are properly maintained, in case of repair or damage to the equipment, carpenters and electricians carry out the maintenance.

Gardens: The gardeners are appointed for overall maintenance and care of lawns, gardens and amenity area on the premises of Institution to ensure pleasant and serene ambience in the campus conducive to academic pursuits.

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

STUDENT SUPPORT AND PROGRESSION	
5.1 - Student Support	
5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year	
933	
File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)
5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year	
332	
File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)
5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	**A. All of the above**

File Description	Documents
Link to Institutional website	https://www.rsrec.edu.in/pages.php?type=placements&id=career-guidance-cell
Details of capability development and schemes	View File
Any additional information	View File

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

242

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

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

A. All of the above

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

5.2 - Student Progression	
5.2.1 - Number of outgoing students who got placement during the year	
134	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
5.2.2 - Number of outgoing students progressing to higher education	
0	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
0	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	
0	

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

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

RSR has a dedicated Student Consultative Committee that functions similarly to a Student Council, meeting twice each semester to discuss student concerns and improve campus life. This committee comprises undergraduate class representatives from all academic streams, giving students a voice in the administration's decision-making. The Student Consultative Committee is designed to gather comprehensive feedback on various aspects, including the conduct of classes, academic rigor, extracurricular activities, and other campus-related issues.

Each academic year, new student representatives are nominated from different departments based on criteria such as academic performance and interaction with peers.

RSR includes student representation on several specialized committees:

- 1. Student Grievance & Internal Complaint Committee - Addresses academic and examination-related issues.**
- 2. Women Empowerment Cell - With many female student representatives, the cell promotes the welfare of female students and staff.**
- 3. Placement Committee - Engages students in the placement process, where they assist during campus recruitment.**
- 4. Hostel Mess Committee - Oversees hostel-related matters, particularly food quality and accommodation issues.**
- 5. College Day Committee - Student-led, organizing and managing the event with faculty coordinators in an advisory role.**
- 6. Anti-Ragging Committee - Comprises final-year students who help ensure a safe, ragging-free environment on campus.**

Through these committees, RSR empowers students to actively participate in institutional governance, enhancing both campus life and the academic experience.

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

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

4

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

5.4 - Alumni Engagement

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

The Alumni Association of Ramireddy Subbarami Reddy Engineering College (RSRECAA), formally registered under the Society's Act (registration number 135/2022), was established with a vision to foster a sustained relationship between alumni and the institution. The founding ceremony took place with the presence of Dr. PVN Reddy, the Principal; Dr. I. Malyadri, Associate Professor of MBA and Coordinator of RSRECAA; Mr. R.V. Ramana Reddy, Administrative Officer; along with faculty members from all departments, enthusiastic students, and Heads of Departments.

RSRECAA is committed to creating a supportive network that encourages alumni to maintain connections with the college, faculty, and students, fostering a sense of belonging and shared purpose. Through regular meetings, the association provides a platform for alumni to interact with the institution's academic community, enabling mutual growth and development. This interaction supports current students by connecting them with industry professionals, enhancing their readiness for real-world challenges. Alumni, in turn, benefit from staying engaged with academic advancements and can contribute their insights, helping bridge the gap between academia and the professional world.

The association facilitates meaningful discussions on current industry trends, career guidance, and mentorship opportunities for fresh graduates, preparing them to navigate today's competitive job market. Overall, RSRECAA aims to create a synergy that enhances the institution's reputation while empowering its alumni community.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.rsrec.edu.in/pages.php?type=alumni&id=alumni-Office

5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

INSTITUTIONAL VISION & MISSION

VISION

To transform rural youth through science and technology and creating an innovative knowledge hub whose initiatives generates entrepreneurial value towards nation building.

MISSION

To teach, empower rural youth, and lead them towards innovation.

To hold ethical practices, empathy and appreciate the culture of learning.

To nurture talents that transform, create, and innovate knowledge.

Nature of Governance

The institute adheres to the guidelines set forth by UGC, AICTE, and Anna University, striving for continuous improvement through the implementation of ISO 9001 and IQAC norms while actively participating in NAAC, NIRF, and ARIIA assessments. A Governing Council, comprising members from management, AICTE, UGC, APSCHE, the State Government, industry representatives, and both external and internal faculty, is convened by the Principal to oversee governance. Policy development occurs through the Governing Body and College Academic Council, with decisions disseminated to departments via IQAC meetings, HOD meetings, and departmental discussions. The institute also focuses on the implementation of the National Education Policy (NEP) and the National Innovation and Startup Policy (NISP) to enhance its academic and entrepreneurial initiatives.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.rsrec.edu.in/pages.php?type=about&id=mission-and-vision

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

The Institute adopts a participative management approach for its functions and decision-making processes, involving faculty members at various levels. Faculty members are inducted into positions based on their interests, developed capabilities, and accumulated experience, ensuring equal opportunities for all. The broad structure of governance is detailed in the attachment.

The sub-systems consist of faculty members with diverse qualifications, genders, and backgrounds, as outlined in the Additional Information section. The Internal Quality Assurance Cell (IQAC) coordinates the activities of these sub-systems, compiling implementation statuses and outcomes to submit reports to stakeholders for feedback and recommendations. Academic decisions regarding the design and development of course modules, curricula, and academic regulations are made by teams such as the Autonomous Committee, Programme Assessment Committee, Department Advisory Meeting, Board of Studies, Standing Committee, Academic Council, and Governing Council. These decisions are taken by the respective

Chairpersons or Coordinators and are shared with stakeholders for suggestions and feedback.

Although dedicated staff are employed at every level, the involvement of faculty and students in service and decision-making processes fosters a transparent learning culture. This decentralized system enables faculty members to positively influence the educational framework and cater to students' needs, leading to enhanced learning outcomes and an inclusive approach to governance.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.rsrec.edu.in/pdf/Strategic%20Plan.pdf

6.2 - Strategy Development and Deployment

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

A comprehensive SWOT analysis was conducted to evaluate the institution's history, growth pattern, and current status. Based on these findings, RSR Engineering College developed a strategic plan (2020-2025) focused on several key areas: Teaching and Learning Processes, Research and Development, Human Resource Planning, Industry Interaction, Community Engagement, and Internationalization.

The plan includes a system for monitoring progress and making midcourse corrections as necessary to ensure alignment with goals.

RSR, along with its philanthropic Trust under the guidance of the Chairman, actively identifies meritorious students and provides scholarships, with awards ranging up to 100% of tuition fees. Additionally, the institution applies for the Tuition Fee Waiver (TFW) scheme under AICTE to support economically disadvantaged students in pursuing engineering programs.

To further motivate excellence, students in both undergraduate and postgraduate programs are encouraged to excel in academics, research, and extracurricular activities. Those who contribute to

organizing academic events on campus are also selected for special scholarships, promoting overall development and leadership.

This holistic approach ensures that RSR not only fosters academic and professional growth but also provides financial assistance to deserving students, empowering them to achieve success in their respective fields.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.rsrec.edu.in/pdf/Strategic%20Plan.pdf
Upload any additional information	No File Uploaded

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

The effectiveness and efficiency of an institution's functioning are clearly demonstrated through its well-defined policies, administrative set-up, appointment and service rules, and procedures. The organizational chart provided is a testament to this structured approach.

Policies: The institution's policies are designed to ensure transparency, accountability, and inclusiveness. These policies guide the functioning of various committees and departments, ensuring that all actions align with the institution's mission and goals.

Administrative Setup: The administration of the Institution consists of the Chairman, Vice Chairmen, Principal, Deans, and the Heads of the Department (HOD) concerned, who take decisions in all academic matters. The Principal serves as the overseer of academic affairs and administrative operations within the institution. Responsible for liaising with the management, the Principal proposes strategies to secure essential resources for realizing the institution's objectives, vision, and mission.

Appointment and Service Rules: The institution follows a systematic approach to appointments and service rules, ensuring that all positions are filled based on merit and qualifications. T

Procedures: Standard operating procedures are in place for all key activities, ensuring consistency and efficiency. These procedures are regularly reviewed and updated to adapt to changing needs and circumstances.

Additionally, various committees, cells, and professional societies operate actively within the institution, engaging faculty members in the ongoing development of the college.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.rsrec.edu.in/pdf/Organogram.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.rsrec.edu.in//userfiles/file/NAA C-AQAR-23-24/6/6.3.1/Rules hr_policy.pdf

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

Faculty (Teaching Staff)

1. Group Insurance

2. Earned Leave & Vacation holiday
3. EPF - Applicable to all eligible staff members
4. Gratuity
5. Sponsorship for Higher Studies – Ph.D. Full Time / Part Time, PDF
6. Sponsorship to attend FDP /Seminar / Paper Presentation / Conference – in India & Abroad
7. Revenue sharing with faculty in Consultancy / Testing
8. Cash incentive for Paper Publications, R&D work
9. Free Lodging facility to Faculty members who are staying in hostels
10. Residential Quarters facility for Faculty
11. Cash prize for Best Faculty award, Best Researcher award, Best Placement Coordinators, Best IIPC Coordinators, Best performing Researcher (R&D Projects)
12. Free of cost transportation facility to college.

Staff (Non-Teaching)

1. Group Insurance
2. Earned Leave & Vacation holiday
3. EPF – Applicable to all eligible staff members
4. Gratuity
5. Revenue sharing with staff in consultancy / testing
6. Free Lodging facility to staff members who are staying in hostels
7. Residential Quarters facility for Staff
8. Free Uniform and Shoes
9. ESI – Applicable to all eligible staff members

10. Cash incentive for Best supporting staff

11. Free of cost transportation facility to college.

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

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

24

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

2

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

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

98

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

RSR has a dedicated Finance Section, managed by an Accountant and a Qualified Chartered Accountant, supported by additional accountants and assistants to ensure smooth financial transactions. Adequate controls are in place to safeguard the institution's assets and ensure that all transactions are accurately recorded in the financial books. The roles and responsibilities at various levels are clearly defined to promote efficient information flow and facilitate effective monitoring.

RSR's Financial Committee oversees financial activities, reviews transactions, and recommends processes and procedures to ensure the smooth functioning of the finance section.

Additionally, RSR has appointed an independent internal audit firm to assess the institution's financial controls and records, while a separate audit firm is responsible for conducting audits and preparing annual financial statements. The audits are conducted with specific objectives, and relevant stakeholders are involved throughout the process. Upon completion, the audit findings, objections, and recommendations are submitted to the Trust Office, Accountant, and respective sections or departments for further action. This review is conducted annually, and the results are discussed with the Trustees to ensure transparency and accountability in financial management.

This system helps maintain rigorous financial oversight and ensures that RSR's financial operations adhere to the highest standards.

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

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

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

The institution effectively mobilizes funds and optimizes resource usage throughout the year. The primary source of income comes from student fees, which are sufficient to support most academic and research activities. The fees collected are utilized for various academic development initiatives. Additionally, hostel fees collected from students are directed towards the operation and maintenance of hostel facilities. Further sources of fund mobilization are outlined in supplementary information.

RSR has a dedicated Finance Committee, led by the principal, which is responsible for approving the annual financial budget and ensuring efficient allocation of funds to areas in need. The committee also establishes norms for income, expenditure, and program approvals. The financial health and viability of the institution are closely monitored by the Accounts Section and verified through third-party audits, including internal and statutory audits, which are reported to the Institute and Trust Office.

The budget preparation process at RSR engages Heads of Departments and Centers, allowing them to understand the financial viability of their operations by assessing both potential revenue and expenses.

RSR follows a long-term strategy for resource optimization, along with an annual plan for mobilizing funds and allocating them effectively. Prior to the start of each academic year, revenue projections and opportunities to restore, repair, or combine operations are considered to reduce financial strain wherever possible.

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

6.5 - Internal Quality Assurance System

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

The IQAC is continuously ensuring various quality assurance steps at all levels of the institution functioning as mentioned below:

1. Teaching Learning process – Outcome Based Education (OBE)
2. Institute Innovation Council (IIC)
3. Utilization of ICT Tools
4. Industrial tie-ups
5. Learning Resources
6. Research Publications and Patents

The IQAC has continued to drive quality enhancement through various initiatives. Notable improvements include the implementation of advanced e-governance systems for better administrative efficiency, the introduction of innovative teaching-learning practices, and the promotion of research and development activities. The IQAC has also facilitated numerous workshops and training programs for faculty development, ensuring that the institution remains at the forefront of educational excellence.

Post-Accreditation Initiatives: Post-accreditation, the IQAC has

focused on sustaining and furthering the quality benchmarks set during the accreditation process. This includes continuous monitoring and evaluation of academic and administrative processes, fostering a culture of continuous improvement, and ensuring compliance with accreditation standards.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.rsrec.edu.in/pages.php?type=iqac&id=quality-initiatives

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

The institution demonstrates a strong commitment to maintaining and enhancing the quality of its teaching-learning processes through regular reviews conducted by IQAC.

IQAC has introduced a student feedback system from all the students after completing a particular semester. In addition, IQAC conducts internal and external academic and administrative audits during every academic year.

The Academic and Administrative Audit were carried out by TUV management Service during 04.06.2024. The audit team concentrated the following parameters in teaching learning processes.

- Programme Structure and Content
- Curriculum Design
- Teaching and Learning Strategy Assessment methods /
- Student Evaluation Staff Development Activities
- Student Feedback Stakeholders Feedback Stakeholders Satisfaction

Internal Audit is carried out at the end of each semester. Last internal audit was carried out during November 2024 towards ensuring the readiness to take up the external audit. The following is the audit findings and sample action taken report by individual departments.

ISO Audit and Academic Audit: The primary objective of IQAC is to monitor, maintain and improve the quality of the institution consistently as per the standard ISO 9001:2015 standards through

RSREC IQAC office. Various quality enhancement initiatives and activities are carried out through IQAC Office.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.rsrec.edu.in/pages.php?type=iqac&id=quality-initiatives

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.rsrec.edu.in/pages.php?type=iqac&id=activities
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

Ramireddy Subbarami Reddy Engineering College (RSR) is committed to fostering a gender-responsive and safe environment for all its stakeholders. The college recognizes the importance of creating an inclusive, secure, and empowering space for students, faculty, and staff. Over the past five years, RSR has made significant strides in advancing gender equity through a comprehensive Gender Audit and

proactive initiatives. These efforts have included revising policies to ensure gender sensitivity and inclusivity, focusing on equal opportunities and diversity in recruitment.

Educational campaigns and workshops have been conducted to raise awareness about gender issues, fostering respect and empathy among students and staff. Scholarship programs and mentorship initiatives have been introduced to support female students, bridging the gender gap in technical fields. Support systems, including counseling and resource centers, have been established to address gender-based challenges.

To ensure safety, RSR has implemented robust security measures, including 24/7 CCTV surveillance, security personnel, and dedicated hostel teams. Additionally, grievance redressal systems, anti-ragging policies, and sexual harassment prevention programs are in place. The campus also provides round-the-clock medical support, including a qualified medical team and ambulance services, ensuring the well-being of all students.

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

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

Ramireddy Subbarami Reddy Engineering College (RSR) has implemented a comprehensive Waste Management program aimed at promoting environmental sustainability and ensuring the well-being of the campus and surrounding region. The program focuses on waste

segregation at the source, efficient collection, and eco-friendly disposal methods. RSR partners with Samitha Builders Private Limited for the collection and disposal of non-biodegradable and recyclable waste, ensuring environmentally responsible handling and minimizing the campus's ecological footprint.

RSR's waste management practices include the segregation of solid waste into dry and wet categories, using color-coded bins for easy identification. Dry waste is disposed of by the village administration, while wet waste is composted. Incineration is kept to a minimum to reduce pollution, and unpleasant odors are neutralized through chlorination. The college also emphasizes liquid waste management, with proper monitoring to minimize water wastage. Wastewater is redirected to maintain campus greenery, supporting a visually appealing environment. Additionally, low flush toilets are used to optimize waste discharge.

By implementing these practices, RSR demonstrates its commitment to sustainability, responsible waste management, and environmental conservation, fostering a cleaner and greener campus for current and future generations.

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

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping	A. Any 4 or All of the above
--	-------------------------------------

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities	A. Any 4 or all of the above

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above
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File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	No File Uploaded

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

Ramireddy Subbarami Reddy Engineering College (RSR) is dedicated to providing equal opportunities to students from diverse socio-economic backgrounds, ensuring inclusivity and access to quality education. The institution follows the Reservation Policies of the State and Central Governments, offering admission to students from SC/ST, OBC, and other categories, along with those from economically weaker sections under the AICTE and State Government Tuition Fee Waiver (TFW) schemes. This approach promotes equity and ensures equal access to facilities without gender or caste discrimination.

RSR embraces diversity, welcoming students from various linguistic, cultural, and religious backgrounds, fostering tolerance and unity. The institution celebrates important National and International days such as Teachers' Day, Women's Day, Environment Day, and International Yoga Day to promote harmony. Events like the International Day of Yoga and blood donation camps encourage positive interactions and social responsibility among students and staff.

The college promotes mutual respect and understanding through curricular and extracurricular activities. Students are encouraged to live together harmoniously in hostels, and cultural events like Dussehra, Ramzan, and Sankranti are celebrated to strengthen communal harmony. Extension activities also uplift socially disadvantaged students. RSR's efforts have led to a campus free from communal clashes, with 60% of students coming from backward communities, reflecting the institution's commitment to fostering unity and diversity.

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

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

Ramireddy Subbarami Reddy Engineering College (RSR) is committed to fostering respect for the Indian Constitution and nurturing responsible citizenship among its students and staff. The institution emphasizes the importance of values, rights, duties, and responsibilities as citizens of India through various initiatives.

The curriculum integrates courses on the Indian Constitution, ethics, and civic responsibilities, ensuring students are well-versed in their constitutional obligations. National days such as Republic Day, Independence Day, Gandhi Jayanti, and Teachers' Day are celebrated with great enthusiasm to instill patriotism and national pride. Additionally, RSR organizes blood donation camps, AIDS awareness programs, and environmental initiatives like Environment Day to encourage social responsibility.

The Women's Protection Cell actively celebrates Women's Day, raising awareness about gender equality and women's rights. The Unnat Bharat Abhiyan program promotes the welfare of marginalized communities. Constitution Day is observed with special sessions that educate students on constitutional values and inspire them to contribute to nation-building.

These activities ensure that students and staff at RSR are well-informed and motivated to uphold the principles of the Indian Constitution. By promoting integrity, equality, justice, and respect for diversity, RSR encourages its community to embody these values,

fostering a just and inclusive society.

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

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

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

Ramireddy Subbarami Reddy Engineering College (RSR) emphasizes the importance of observing national and international commemorative days to foster unity and respect for cultural diversity. The National Service Scheme (NSS) and student bodies lead celebrations for significant occasions such as Republic Day, Independence Day, Women's Day, Engineers' Day, and Teacher's Day, where students and staff are educated on national pride and constitutional values.

In addition to national events, RSR celebrates various cultural and religious festivals like Ugadi, Pongal, Diwali, Saraswati Puja, Eid,

and Christmas. These festivals promote inclusivity and bring together students from different backgrounds through games, cultural performances, and talent showcases.

RSR also engages in outreach programs, including special camps in Old Bitragunta Village, where activities like Swachh Bharat, water purification, and ethical values awareness are conducted. Tree plantation drives further promote environmental consciousness.

The institution's National and International Days Celebration Committee, composed of faculty, staff, and students, organizes a variety of commemorations, including National Youth Day, National Science Day, and International Yoga Day. Yoga Day, celebrated on June 21st, focuses on the benefits of yoga, particularly boosting immunity and reducing stress.

These initiatives instill a sense of nationalism, cultural appreciation, and religious harmony, contributing to the holistic development of students.

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

7.2 - Best Practices

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

Title of the Practice:

Two-Week Student Induction Program (SIP) for First-Year Students

Objectives of the Practice:

- Ease the transition from school to college life.
- Build personal and interpersonal skills.
- Familiarize students with institutional culture and life skills.

The Context:

The shift to college life can be challenging. SIP provides a structured approach to help students feel supported and prepared for academic and social responsibilities.

The Practice:

SIP includes orientation, workshops, stress management, cultural programs, and mentorship by faculty and seniors.

Evidence of Success:

Improved engagement, reduced attrition, and positive feedback highlight its impact.

Problems and Resources Required:

Challenges include balancing schedules and maintaining attendance. Resources like halls, speakers, and faculty involvement are key.

Title of the Practice:

NSS Special Camp – Clean & Green

Objectives of the Practice:

- Promote environmental awareness and sustainability.
- Foster active student participation in community service.
- Address local community needs through impactful initiatives.
- Develop ethical values and a sense of social responsibility.

The Context:

The camp emphasizes practical solutions to pressing environmental and social challenges, bridging the gap between classroom learning and real-world application.

The Practice:

A seven-day program (18.03.24 to 24.03.24) in Gowravaram village included activities like clean-up drives, environmental awareness campaigns, health sessions, and tree plantations.

Evidence of Success:

Active participation by 50 NSS volunteers led to significant

community engagement, cleaned water resources, tree plantations, and educational support for dropout students.

Problems Encountered and Resources Required:

Problems: Managing rural logistics and sustained engagement.

Resources: Materials, transportation, local coordination, and financial backing.

File Description	Documents
Best practices in the Institutional website	https://www.rsrec.edu.in/pages.php?type=iqac&id=institutions-best-practice
Any other relevant information	https://rsrec.edu.in/userfiles/file/NAAC-AQAR-23-24/7/7.2.1/7.2.1_RSREC_AQAR.pdf

7.3 - Institutional Distinctiveness

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

At RSREC, fostering innovation and entrepreneurship is a cornerstone of institutional distinctiveness. Through its active Institution Innovation Council (IIC), RSREC has cultivated a dynamic hub for creativity and entrepreneurial growth. During the 2023-2024 academic year, the IIC conducted 47 activities for the prestigious IIC star rating, categorized as 18 IIC Calendar Activities, 16 Celebration Activities, 7 MIC-Driven Activities, and 9 Self-Driven Activities. These initiatives emphasize innovation, start-up culture, entrepreneurial mindset, industry interface, and skill development.

The institution encourages students and faculty to design impactful prototypes, develop ventures, and engage with industry leaders. Workshops and training programs enhance skills in emerging technologies, entrepreneurship, and intellectual property (IP). This structured approach has led to successful start-ups, increased IP awareness, and a thriving innovation ecosystem. RSREC's submission of 47 activities for the IIC 6.0 star rating highlights its commitment to meeting national benchmarks for innovation excellence.

By prioritizing start-up culture, IP creation, and industry engagement, RSREC prepares students for successful careers and

contributes to the nation's innovation landscape. The dedication of the IIC team ensures that RSREC remains a beacon of excellence in innovation and entrepreneurship, carving a unique identity in higher education.

File Description	Documents
Appropriate link in the institutional website	https://www.rsrec.edu.in/pages.php?type=iqac&id=institutional-distinctiveness
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- Enhance performance across all categories to improve the NIRF ranking.
- Increase the number of skill development programs and expand industry internships with potential employment opportunities.
- More number of Paper publication in WOS, Scopus, UGC care.
- To organize National and International conference
- More number of Swayam NPTEL certification & Domain Certification to students and faculty
- Establish incubation centres in specialized areas of Engineering.
- Implement the National Education Policy (NEP) and organize activities to raise awareness about its key provisions.