



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution		RV College of Engineering
• Name of the Head of the institution	Dr. K.N. Subramanya	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	080 - 68188110/ 080 - 68188111	
• Alternate phone No.	9663699299	
• Mobile No. (Principal)	9663699299	
• Registered e-mail ID (Principal)	principal@rvce.edu.in	
• Address	RV College of Engineering, RV Vidyanikethan Post, 8th Mile, Mysuru Road, Bengaluru -560059	
• City/Town	Bengaluru City	
• State/UT	Karnataka	
• Pin Code	560059	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	10/12/2007	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. .Shanmukha Nagaraj				
• Phone No.	08068188127				
• Mobile No:	9845129398				
• IQAC e-mail ID	iqac@rvce.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://rvce.edu.in//iqac				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.rvce.edu.in//calendar-of-events				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.8	2015	15/11/2015	14/11/2020
6.Date of Establishment of IQAC			30/03/2016		
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
RVCE/ME/Dr P V Srihari	Government	VGST	07/05/2022	20 Lakh
RVCE/ME/Dr.S reevani S G	Government	National Institute of Advanced Studies	13/05/2022	4.77 Lakh
RVCE/ME/Dr.P R Venkatesh	Government	ARDB	21/06/2022	12.19 Lakh
RVCE/EC/Dr.U ttara Kumari M	Government	DRDO	21/07/2022	37.51 Lakh
RVCE/EC/Dr.U ttara Kumari M	Government	SERB	16/08/2022	30 Lakh
RVCE/CV/Dr.R enukardevi M V	Government	AICTE	20/08/2022	1.27 Lakh
RVCE/AI/Dr.B Sathish Babu	Government	KSCST	07/10/2022	2 Lakh
RVCE/BT/Dr Vidya Niranjana	Government	ICMR	05/06/2023	7.2 Lakh
RVCE/CV/Dr.R enuka devi M V	Government	AICTE	25/11/2022	1.83 Lakh

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	Yes	
<ul style="list-style-type: none"> If yes, mention the amount 	3,09,933 Lakh	
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>The Institution has increased the use of online platforms for teaching and learning, with over 6000 hours of online sessions conducted across various engineering disciplines. 2. Faculty members have developed skills for effective online teaching, familiarizing themselves with both proprietary and open-source ICT tools. A separate center for Digital Technologies for Teaching Learning and Research is being established to develop infrastructure for digital transformation in technical education. 3. The institution has increased focus on research in various centers of excellence, focusing on improving research outcomes and outputs in terms of publications, patents, and projects. 4. Introduction of an employee self-help portal for the annual performance appraisal covering the teaching faculty cadres, technical and support staff as well as the administrative staff under the banner of PRISM was done last year. 5. 4. Support for researchers and innovators through a interdepartmental committee on matters of Intellectual property rights and granting funds for filing patents and patent processing. During the year 2022-23 the institution filed 9(Nine) patents and 10(ten) number of patents were published and 08 (eight) numbers of patents were granted to the innovators among the faculty and students.</p>		
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		

Plan of Action	Achievements/Outcomes
<p>Promote adaption of ICT tools and platforms for enhanced effectiveness in the teaching learning process</p>	<p>The institution has implemented Outcome Based Education (OBE) with a focus on ICT and project-based leaning to enhance critical thinking ability. The faculty of all programs have used various proprietary tools and open-source tools to support the effective teaching learning process.</p>
<p>Academic reforms :To integrate vocational education into the mainstream education, NEP 2020 has been implemented from 2021 curriculum for the students to facilitate skilled based education in par with the industry, society and global stakeholders.</p>	<p>NEP 2020 Education system awareness was inculcated to all the stakeholders and the faculty members. The implementation of NEP 2020 for 2021 curriculum encouraged multidisciplinary learning among students catering new skills and methodologies pertaining to the areas of interest and helping the students in imbibing the interest for advanced education and research. Various proprietary and open source tools to support the effective teaching learning process have been explored by the faculty with varying degree of effectiveness in disseminating the lessons in the courses prescribed for study. Assessment for the entire semester is conglomeration of critical, collaborative and creative thinking through descriptive /analytical approach. Special Skill and Design Thinking labs in line with 21st century skills and SDG's have resulted in holistic potential of the students in the form of better placement, entrepreneurial skills and higher education.</p>

	<p>Digital technologies deployed has enabled digital transformation of the educational process in the institution. ICT tools along with participative learning, blended Learning, flipped class room has facilitated enhanced effectiveness in the teaching learning process. Assessment & Evaluations through Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) using ICT tools and reduced efforts of the faculty and redundancy.</p>
<p>Digital Infrastructure on Campus- The Centre of Excellence in Digital transformation of teaching, learning and research has enabled the faculty to enhance learnability and research in engineering education</p>	<p>Centre of excellence for digital technologies for teaching learning and research (CDTLR) augmented the digital infrastructure on the campus. Workshops were conducted in and outside RVCE to enable the faculty to inculcate ICT teaching methods . .A focused approach to augmenting the digital infrastructure on the campus was initiated with the setting up of a separate Centre of excellence for digital technologies for teaching learning and research (CDTLR) with corporate sponsorship under the CSR scheme promoted by Government of India. The Institution has received corporate funding for setting up this Centre of Excellence on the campus.</p>
<p>Financial Support for filing patents related to projects with innovative products as outcomes.</p>	<p>During the year 2022-23 the institution filed 9(Nine) patents and 10(ten) number of patents were published and 08 (eight) numbers of patents were</p>

	granted to the innovators among the faculty and students.
<p>Orientation program for the entire fresher's on the campus as per AICTE mandate.</p>	<p>A 15 day induction program planned & implemented by inviting achievers from all the social spheres to motivate the students to see the larger purpose and to develop big picture thinking, before the commencement of their engineering curricula. The infrastructure for design thinking laboratory is being set up. Meanwhile the course on design thinking using the five step process of .Emphasize, Ideate, Innovate, Prototype and Implement was implemented for the first batch of students during the 4th semester of the Bachelor of engineering academic program. Faculty who went through the FDP on design thinking were entrusted the responsibility of imparting the training to the students using the broad structure of the design thinking methodology and adapting the structure to specific disciplines of engineering programs. An experience sharing session for a period of one week for faculty to exchange ideas and with an idea of sharing and gaining was organized during which the faculty showcased the works carried out by the students as part of the design thinking laboratory course. Several innovative projects were identified as potential for improvement by the students using the Minor & Major project as opportunity for implementing</p>

	ideas.
<p>Internships with industry support through Centers of Excellence & the Industry -Institute partnership committee.</p>	<p>The institution offered a 8 weeks internship to students in the various years of their engineering programs. All the centers of excellence contributed internship areas and projects to both the students of the institution and for other interested students. There was an overwhelming response from the students to take up the internship and various ideas were tried out by the students mainly using simulation tools and software platforms. Students presented the results and outcomes to the faculty teams. The initiative of internship was successful.</p>
<p>Focus on international collaboration& MoU'with Globally renowned institutions.</p>	<p>During the year 2022-23 a couple of more MoU's with international institutions and universities of repute with proper action plan commenced.</p>
<p>13.Was the AQAR placed before the statutory body?</p>	<p>No</p>
<ul style="list-style-type: none"> Name of the statutory body 	
<p>Name of the statutory body</p>	<p>Date of meeting(s)</p>
<p>NA</p>	<p>Nil</p>
<p>14.Was the institutional data submitted to AISHE ?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Year 	

Year	Date of Submission
2022-23	31/12/2022

15. Multidisciplinary / interdisciplinary

The institution has a strong emphasis on research and encourages multidisciplinary and interdisciplinary research activities among its faculty and students. **Emerging Technologies:** RVCE may have research projects exploring emerging technologies like artificial intelligence, machine learning, blockchain, Internet of Things (IoT), and augmented reality (AR)/virtual reality (VR). **Sustainability and Environmental Studies:** Collaborative research in this area could involve engineers, environmental scientists, and social scientists working together to address issues like sustainable energy, waste management, and environmental conservation. **Healthcare and Biotechnology:** RVCE may have interdisciplinary research programs that combine engineering and biotechnology to develop medical devices, diagnostic tools, or healthcare solutions. **Smart Cities and Urban Planning:** Addressing the challenges of urbanization often requires input from civil engineers, urban planners, computer scientists, and social scientists. RVCE may have research projects in this domain. **Data Science and Analytics:** Multidisciplinary research could involve experts from various fields analyzing large datasets for insights and solutions, including those related to business, finance, and social sciences. **Robotics and Automation:** Research in robotics often involves expertise from mechanical engineering, electronics, and computer science. **Renewable Energy and Sustainable Engineering:** RVCE might engage in research that combines expertise from various engineering disciplines to develop renewable energy sources and sustainable engineering practices. **Advanced Materials:** Interdisciplinary research in materials science could lead to the development of innovative materials with various applications, from electronics to construction.

16. Academic bank of credits (ABC):

An "Academic Bank of Credits" was implemented to allow students to accumulate credits for completed courses or achievements and then use those credits toward future courses or educational endeavors. Along with the 5000 students, additional 1000 students created DIGILOCKER credentials in the year 2022-23.

17. Skill development:

Skill development at RV College of Engineering is an essential part of its academic curriculum and holistic approach to education. Here

are some ways in which skill development is promoted at RV College of Engineering:

Skill Enhancement Workshops: The college organizes workshops, seminars, and training sessions on various technical and non-technical skills. These workshops cover topics such as coding, software development, communication skills, leadership, and more.

Entrepreneurship Support: The college has entrepreneurship cells and incubation centers to nurture entrepreneurial skills among students. They provide guidance and resources for students interested in starting their ventures.

Soft Skills Development: Apart from technical skills, the college also focuses on developing soft skills such as communication, teamwork, time management, and adaptability, which are crucial for professional success. As a part of academic 32 Weeks Skill development program is value addition program to the carrer for the UG students.

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

At RVCE for 2022-23 curriculum,The Indian knowledge system will be integrated into engineering curriculums to provide a more holistic and culturally relevant education. This will include incorporating modules on ancient Indian contributions to mathematics and astronomy, introducing Ayurveda, yoga, and biomedical engineering principles, emphasizing sustainable engineering practices inspired by traditional Indian architecture, and discussing Indian philosophical systems like Vedanta, Buddhism, and Jainism. An interdisciplinary approach will also be promoted, combining elements of Indian knowledge systems with core engineering disciplines to create a well-rounded education that prepares students for the 21st century. This approach will foster innovation and creativity in engineering work, preserving the cultural heritage of the Indian people.

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

Outcome-Based Education approach at RV college is an educational practice that focuses on defining clear and measurable learning outcomes or competencies that students should achieve by the end of a program or course. These outcomes are typically based on the needs of employers and society, and they serve as the foundation for curriculum design, assessment, and instruction.Faculty members and administrators were collaborated while defining specific learning outcomes for each program or course. These outcomes are typically aligned with the college's mission and vision.The curriculum is designed around these learning outcomes. This may involve

restructuring courses, revising syllabi, and incorporating pedagogical approaches that support the achievement of the outcomes. Assessment methods are developed to measure student progress and attainment of the learning outcomes. These assessments may include exams, projects, portfolios, presentations, and more. Rubrics are often used to evaluate student performance against the predefined outcomes. Faculty members use instructional strategies that are aligned with the learning outcomes. This may involve active learning, problem-based learning, and other pedagogical approaches designed to help students achieve the desired competencies. The effect of OBE has been depicted through the NBA peer committee assessment, where six UG programs were conferred with six years of accreditation. The process is continued in a regular basis for almost all the PG programs.

20.Distance education/online education:

Although RVCE has contributed as an elite nodal center for facilitating the online courses from NPTEL. Many of our faculty have contributed towards hosting their YouTube channel. We are also planning to host the online courses on SWAYAM/NPTEL portal in the future.

Extended Profile

1.Programme

1.1 31

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 5755

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 1553

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

5755

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

1312

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

348

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1	31
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1	5755
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	1553
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	5755
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	1312
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	348
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Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	334	
Number of sanctioned posts for the year:		
4.Institution		
4.1	367	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	98	
Total number of Classrooms and Seminar halls		
4.3	2748	
Total number of computers on campus for academic purposes		
4.4	1067.90	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

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.

The college's curriculum is developed based on its Programme Educational Objectives (PEO) and Programme Outcomes (PO), which align with its mission statements. Feedback from stakeholders, including academic and industrial experts, is considered to ensure relevance to local, regional, national, and global developmental needs. Courses in various programs allow students to analyze local and regional needs, provide real-life experiences, and participate in developmental activities. The institution also encourages students to analyze physical and socioeconomic factors influencing

city development. Courses that encourage family businesses and bring industry expertise are also offered.

National and global developmental needs are addressed through new courses in areas like Internet of Things, Data Science, Data Analytics, Cyber Security, Artificial Intelligence, Machine Learning, and Cyber Physical Systems. These courses enhance students' employability skills, align with the national mission of 'Make-in-India', and promote global health awareness. Co-curricular and extra-curricular activities are mandatory for students' overall development.

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

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

27

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

1620

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

145

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

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

31

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

1.3 - Curriculum Enrichment

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

In the dynamic landscape of engineering education, stands as a

progressive institution with a holistic vision. It transcends traditional technical instruction, incorporating essential elements such as professional ethics, gender sensitivity, human values, environmental awareness, and sustainability. This forward-thinking approach underscores the belief that engineering education must encompass societal and ethical dimensions.

RVCE's curriculum aligns with the nation's Sustainable Development Goals, demonstrating a commitment to global challenges and a sustainable world. Adhering to AICTE guidelines and the National Education Policy 2020, RVCE remains at the forefront of educational innovation.

The curriculum is meticulously designed, striking a balance between fundamental science and mathematics courses for a strong engineering foundation. Elective courses keep students informed about emerging technologies and industry trends. Mandatory courses like "Indian Knowledge System," "Yoga," "Universal Human Values," and arts courses emphasize cultural awareness and values.

Practical, project-based learning is pivotal at RVCE, with 40% of the assessment rooted in experiential learning. The focus on skill development includes skill labs, internships, technical training, workshops, and industry collaborations, equipping students for a competitive job market. Industry-sponsored projects and internships bridge the gap between academia and the professional world.

The curriculum delves into areas beyond technical expertise, including the Constitution of India, professional ethics, management, finance, research methodology, communicative English, and professional development training.

Notably, RVCE introduces a design thinking lab, promoting product development based on customer needs, nurturing creativity and problem-solving skills.

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

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

12

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

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

605

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

2783

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	http://103.117.238.207/NAAC_AOAR/2022-23/CRITERION1/1.4.1_1.4.2_RVCE_Feedback_Sample.pdf
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	http://103.117.238.207/NAAC_AOAR/2022-23/CRITERION1/1.4.1_1.4.2_RVCE_Feedback_Sample.pdf
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

1647

File Description	Documents
Any additional information	No File Uploaded
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)

367

File Description	Documents
Any additional information	No File Uploaded
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.

The institution organizes special programs for advanced learners. Students of all UG and PG branches are involved in Interdisciplinary projects. The students are also involved in consultancy projects funded by various industries.

In order to streamline and undertaking focused research, the institution has followed the Interdisciplinary Research & Innovation approach for execution of funded projects and industrial consultancy. The institution has established 24 Centers of Competence / Excellence. Based on the specialization and competency of the students, various interdisciplinary teams are formed to undertake need based research, execute projects and consultancy assignments. Many companies and funding agencies have helped in establishing physical infrastructure and state of the art equipment and software. Mentoring by Industry & Research Experts in the thematic areas.

The above approach is adopted to make sure learning happens to UG/PG/PhD students in an expected way. The students understand the advantages of working in interdisciplinary way.

In order to support the slow learners, all the departments will conduct Remedial classes for students who scores less marks in CIE. Separate timetable will be given and classes will be conducted after college hours. The progress of the students is monitored by the course handling faculties.

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
01/06/2022	5756	350

File Description	Documents
Upload any additional information	No File Uploaded

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 institution has implemented Outcome Based Education (OBE) with a focus on ICT and project-based learning to enhance critical thinking ability. The institution has introduced experiential learning was introduced to motivate students to innovate, bring in teamwork and lifelong learning & encourage students to form multidisciplinary groups for major projects, leading to securing funded projects. The programs are designed with requisite number of foundation courses, advanced courses, SWEBOK, MOOCS, NPTEL, QEEE, industry-based electives and laboratories to facilitate enhancement of competence of the students in all the relevant domains and render them employable, prepare them for higher studies, entrepreneurship and public service. The academic activities concentrate on helping the students to gain an excellent theoretical knowledge base and the skills to implement them. The latest teaching aids from multimedia equipment to simulation techniques ensure a thorough learning process. The college regularly invites experts and industry professionals to impart practical skills and lessons to students. To enhance the problem-solving skills among the student community SKILL lab, IDEA lab and Design Thinking lab are introduced in the curriculum. Industrial visits are encouraged to help the students to grasp the technology at work and enhance their learning ability.

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

In the past 5 years, the teaching learning process evolved with lot of changes due to COVID-19. The institution witnessed a paradigm shift during COVID 19 pandemic due to the adoption of online Teaching Learning Process. The usage of ICT enabled tools in TLP increased multi-fold in our institution. Online learning became a necessity for the students rather than an option. Our faculty utilised this opportunity to explore new horizons of teaching and research. Quiklrn and Google Classroom tools were used as the Learning Management System (LMS). Google Meet, GoToMeeting, WebEx were used for the conduction of online classes. Digital writing pad and digital boards replaced the black boards. PowerPoint presentations and videos were used to provide effective audio visual experience to the students. To augment the learning, educational videos of our faculties were posted in the Education YouTube channel. Educational videos from Khan Academy, NPTEL, Coursera, Jove, LinkedIn learning and Alison Courses were used by the educators to augment the student learning. Students were trained in virtual labs and modern simulation tools. Online quizzes were conducted regularly. Class recordings were made available on Google drive. MOOC courses, imbibed into the curriculum, fostered the learnability coefficient of the graduates.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://home.quiklrn.com/
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

208

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

The institution took utmost care to bring uniformity in the functioning of the Semester Scheme for all academic programmes across the College. An Academic year includes three semesters. Two regular semesters (Odd & Even), Each semester has 16 weeks of Academics & 03 weeks of exams. In addition, there was a supplementary/Fast track semester spanning 08 weeks of Academics & One / Two weeks of Exams. The 'Academic Calendar' included important academic activities to assist the students and the faculty. Academic Calendar would be prepared before the commencement of the academic year and will be published in the college website. This enables the students to be well prepared, minimize their chances of failure in CIE and/or SEE tests & Exams respectively, and take full advantage of the flexibility provided by the credit system. The "Induction program" for the first-year students was proposed to have THREE weeks of program in the FIRST semester and ONE WEEK of program during the SECOND semester. The Induction program was conducted in online mode during pandemic. Adherence to the academic calendar is ensured through audits conducted at the department level and at the institute level by IQAC and Dean - Academics.

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

348

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	No File Uploaded

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

251

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	No File Uploaded

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

4761

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

27

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

613

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	No File Uploaded

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

All process starting from entry of examiners list to announcement of the results including billing is done by IT integration through SAP from the academic year 2019-20. Since then, IT integration into the system saves lot of time, cost, and effort for the better-quality output.

Apart from the above, students services related activities such as generation of Hall tickets, Grade cards, PDCs, Transcripts, convocation reports etc are also the part of IT integration.

The office of CoE conducts the examination audit (process and quality) twice a year by an external auditor. The audit committee consists of one external auditor, BoE Chairperson/ representative of BoE chairperson, and examination unit coordinator of the department. Once the audit is over, the team submits a report to the office of CoE. The CoE, in turn forward the report to the Chairperson, BoE to take necessary and corrective measures.

Initiatives have taken to improve the quality of assessment by adopting appropriate evaluation methods for various type of courses. For example: project-based courses/Labs/design thinking lab will be assessed by exhibiting the products/charts/displays etc by the students and evaluated by interactions with the experts.

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

Program Outcomes (POs) represent the qualities and competencies that a graduate acquires throughout an academic program. These statements are formulated based on the knowledge, skills, and attitudes developed by students during their course of study. The National Board of Accreditation for Engineering, MBA, and MCA programs defines these POs. Typically, a program specifies 3 to 4 Program Specific Outcomes (PSOs) for UG programs, explaining the core competencies that students should gain.

Course Outcomes (COs) describe the competencies students will acquire through individual courses, encompassing theory subjects, laboratory work, and projects. The number of COs may range from 3 to 6, depending on the course content. COs are defined by the course coordinator, often based on Bloom's Taxonomy. These outcomes are then mapped to the appropriate program outcomes, with each CO assigned a specific weightage, usually ranging from 1 to 3. A total of twelve common POs, as mandated by the All India Council for Technical Education (AICTE), apply to all branches of study. PSOs are tailored to each specific program and are formulated with active participation from faculty, aligning with the institution's vision, mission, and POs/graduate attributes. Detailed syllabus copies containing COs are accessible on the institution's website (www.rvce.edu.in).

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	Nil

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

Course Outcomes (COs) are systematically linked to POs and PSOs, each assigned a weightage (3 - high, 2 - moderate, 1 - low) for conformity. COs are developed with careful consideration of Bloom's Taxonomy. Mapping COs to POs and PSOs signifies the contribution of individual courses to achieving program-level outcomes. Assessment of COs employs both direct and indirect techniques. Direct assessment encompasses CIE, Semester SEE, tests, quizzes, self-study/experiential learning, laboratory work,

and projects. Indirect assessment involves course-end surveys.

CIE includes internal assessment questions, quizzes, assignments, and laboratory work, all linked to COs, which maps to POs. A similar mapping process is followed for SEE. Rubrics are created for projects, seminars, case studies, and internships. Course-end survey questions, formulated by course coordinators, gauge course attainment levels. CO attainment comprises 60% CIE, 40% SEE, and 20% indirect assessment. Course-wise PO/PSO attainments are computed based on the CO-to-PO/PSO mapping and respective weightages. The program's overall PO/PSO attainment is determined, allocating 80% weightage to PO attainment via COs and 20% weightage to indirect assessments, including alumni, employer, and graduate surveys, all rated on a 5-point scale. Attainment levels are compared against targets set by course coordinators and the program assessment committee.

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

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

990

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	No File Uploaded
Paste link for the annual report	Nil

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://rvce.edu.in/sites/default/files/Students-satisfaction-survey-22-23_compressed.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

RVCE envisions leadership in technical education and research. RVCE is committed to facilitate research in cutting edge technologies and has developed twenty four CoE/CoC to facilitate multidisciplinary research in cutting edge areas. RVCE has well defined policy for research. RVCE supports innovation through innovative projects in which the faculty and students build systems such as racing cars, all-terrain vehicles and robots and compete in international events. The faculty are vibrantly engaged in sponsored projects by organisations such as DST, DBT, UGC, AICTE, KSTU, KSTA, NRB, ARB, DRDO, BIRAC, SERB, DSIR, DAE, ISRO, VTU, VGST and DRDO. Research infrastructure is developed through R&D budget for departments and CoE/CoC. Research infrastructure is further enriched through sponsored projects. RVCE has developed rich infrastructure in the areas of automotive mechatronics, EV, Smart antenna measurement, HP computing, smart city technologies, visual computing, vehicle automation, IoT, Quantum Computing,, Computational genomics, nanomaterials and devices, integrated circuit design, video analytics, hydraulics and Pneumatics, digital manufacturing and supply chain management. The institute facilitates patenting through institution level intellectual property rights committee. RVCE provides seed money for preliminary research leading to sponsored projects. The worth of research facilities added during 2022-23 is INR 282.79 lakhs

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://rvce.edu.in/committe-research-advisory
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research**3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)****40.26 Lakhs**

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

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**6**

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

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)****116.77 Lakhs**

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	View File

3.2.2 - Number of teachers having research projects during the year

7

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.rvce.edu.in/sites/default/files/Sponsored%20Research%20Projects%202018-2023.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

182

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

7

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://rvce.edu.in/sites/default/files/Sp onsored%20Research%20Projects%202018-2023. pdf
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.

RVCE has created an eco-system for research and innovation by establishing interdisciplinary research centre, Incubation Centre, CoE in Vehicle Automation, Automotive Mechatronics, EV laboratory, High Performance Computing Centre, Quantum Computing, AI and ML, Supply Chain Management, Digital Manufacturing, Hydraulics and Pneumatics, Smart City Technologies, Sensors and Application Devices, Nanomaterials & Devices and Integrated Circuits. Innovation is brought about through innovative teams such as Ashwa, Helios, Chimera, Garuda, Solar Car, Jatayu, Krishi and Antariksh. Incubation is nurtured in the Institution by providing laboratory and financial support for PoC and converting it to prototypes. Prototype of Fingertip blood pressure monitoring device which measures blood pressure is portable, compact, user friendly and cost effective is developed. The concept is patented, and the technology is transferred to an industry for developing a commercial product. Prototype of an innovative fall detection system is developed. USP of the product is the use of a biocompatible material and portability. The concept is patented and is already granted. The device is useful for patients with neurological disorders. Prototype of an Osteoporosis estimation device is developed through a DSIR sponsored individual innovator project. The Institution emphasises IPR by introducing mandatory course on IPR in UG curriculum.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/rvce-patent-details

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

30

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

B. Any 3 of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

14

File Description	Documents
URL to the research page on HEI website	https://rvce.edu.in/cs-research%20initiatives
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

0

File Description	Documents
List of research papers by title, author, department, and year of publication	No File Uploaded
Any additional information	No File Uploaded

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

30

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

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

729

File Description	Documents
Any additional information	No File Uploaded
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

31

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)

144 Lakhs

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

282.79 Lakhs

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

Extension activities of RVCE sensitises students to social issues through forums such as NSS, NCC, Raag and Rotract. Blood Donation Camps, Lake Cleaning, and Community Education are part of these to foster community engagement in addressing critical healthcare needs. This year's blood donation camp was well-received by diverse group of donors, including cadets, students, faculty, and local residents. In the recent event, 13 blood banks across Bengaluru, including Lions Club, NIMHANS, and the Indian Red Cross Society participated. Over 800 units of blood are collected every year. On 26-August, students of RVCE and RV University conducted environment awareness drive at a Government High School. It promoted environmental consciousness and engaged students in plantation of native species. Participants were educated on global warming, air pollution and their prevention measures. Fifty saplings were planted during the drive and the school students were given writing material. One week programme was conducted for Government primary school students on the occasion of the Independence Day. Lake cleaning is frequently performed by the students of RVCE to engage them on environment preservation. Under the banner of Puneeth Sagar Abhiyaan, the cadets of NCC RVCE were actively involved in the clean-up of the Hoskerehalli and Gantiganahalli lakes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rvce.edu.in/ncc-nss

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

10

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)

56

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

5171

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

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

658

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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)

29

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.

The College encompasses a well maintained lush green campus spread over 53.acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Classrooms: college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms(119) equipped with LCD projectors for conducting theory classes.

Technology Enabled learning facility: The College has ICT Classrooms(119) where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

Seminar Hall: The College has multiple seminar halls(11) and one college auditorium . These halls are regularly used for conducting national / international seminars at the college. The students are promoted for active involvement in paper presentations, group

discussions, etc.

Laboratories: College has many industry established labs(8) . All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE norms.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities(1Gbps bandwidth) to the students and faculty.

Available band width: 1Gbps. Internet facility is available in whole campus including labs, classrooms, library, offices of all Departments and hostels.

Hostel facility for Boys and Girls. College has hostels(6) which provide accomadation for around 1500+ students.

Ongoing Constructions: The renovation of CSE Block , EC Block, Gymnasium block, innovation centre is being undertaken for enhancing the existing infrastructure facilities .

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rvce.edu.in/infra

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

The College is proactive in providing infrastructure facilities for Cultural activities, Sports and Games in various ways so that students choose and participate in the events for which they have flair. College has Cultural committee and Sports committee supported by a team of faculty members to look after all cultural, sports and extracurricular activities of the college.

Cultural Activities:College motivate students by giving full support financially and academically for participation in national and international events. College cultural activity groups are Aalaap, footprints, debating society, quizcorp a quizzing club, Rotaract, Raag, CARV (Circle of acting at RV-Kannada, Hindi and English) Photography club.

Sports: The sports infrastructure facility includes a 6400sq mtr spacious cricket field, 300 sq.mtr area wooden Shuttle Badminton court, Volleyball court of 6300 Sqm, Foot Ball court and Hockey and Athletics fields. College also boasts of very spacious Indoor Basketball Stadium of dimension of 450 sqmtr at the prime place in the campus. Other popular games facility includes Table Tennis, Chess & Carrom. Multi Gym is another main attraction for the students & is in the Indoor Stadium. It has all modern 12 station equipment. Students can make use of this facility even during their leisure and keep themselves FIT and HEALTHY.

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

137

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)

1067.90

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

4.2 - Library as a Learning Resource

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

The Department of Library and Information Centre was established in 1963 and currently has five technical staff and five non-technical staff. The library has a vast collection of books, reference books, journals, e-books, e-journals, encyclopaedias, and multimedia resources, with a total document collection of 1,85,500. The library subscribes to 158 technical journals, 23 technical magazines, and 15 daily newspapers in English and Kannada. It also has subscriptions to Wiley and Pearson e-books and e-journals through the VTU e-Resource Consortium. The library has a collection of 7693 e-journals and 44,320 e-books, along with an institutional subscription to IEEE, which includes 190 e-journals and conference proceedings.

The library procures over 2500 books each year based on the requisition from the Head of the Department. The procurement and renewal of books, journals, and software are done through the SAP Material Management and Service Module. The library also provides a web-based Research Information Management service called IRINS, developed by INFLIBNET Centre.

This portal helps academic and R&D organizations, faculty members, and scientists collect and showcase scholarly communication activities. It integrates with various research management systems and academic identities like ORCID and Scopus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/library

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

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)

110.94

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

98

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

Embracing the 802.11ax standard, Institution's WiFi infrastructure provides advanced connectivity. Increase in access points totaling to 400 for better connectivity. The network incorporates of a redundant 10 gigabit fiberbackbone underpins reliable and high-speed connectivity across the campus.

A 24/7 operational in-house data center houses state-of-the-art servers, storage systems, and backup solutions. Integration of

essential elements such as fire suppression systems, precision air conditioning, biometric access controls, and CCTV cameras maintains optimal environment for critical IT operations.

Bandwidth of 1000 Mbps ensures network performance for all users

Software Policies: By utilizing legally licensed software, including Microsoft Windows, Mathworks, Cadence, Adobe, the institution upholds its responsibility to intellectual property and compliance.

Towards IT infrastructure upgrade, the expansion of fiber optic connectivity, the deployment of high-capacity core switches, the provision of distribution switches, and the enhancement of wireless infrastructure are brought in to provide a state of art technology. The integration of Hyper-Converged Infrastructure (HCI) bolsters computing capabilities, and the implementation of Aruba ClearPass solution strengthens wireless authentication. The integration of biometric attendance through IP-based face recognition readers, integrated with SAP, streamlines attendance management along with 260 cameras and 20 network video recorders, contributes to a secure campus environment.

Surveillance Systems and Biometric Attendance: The presence of a comprehensive surveillance system, comprising over 260 cameras and 20 network video recorders, contributes to a secure campus environment. Furthermore, the integration of biometric attendance through IP-based face recognition readers, integrated with SAP, streamlines attendance management.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/infra

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5754	2748

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. 50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: **C. Any two of the above** **Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/infra
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)

2246.13

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.

At the RV College of Engineering, we Ensure to practice IT policies (attached) and also practice policies and procedures to create, maintain and upgrade the Infrastructure for enhancing the Teaching Learning process regularly. We also ensure a healthy and

sustainable institution with respect to environment, energy savings and greenery of the campus.

Information Technology (I.T) related issues in the campus are logged through an internal portal. Calls are assigned to the technicians and after completion, the status is updated. The activity is being managed internally. The URL is http://172.16.2.112/IT_Maintenance/Complain-Management-System/login.php

I.T Maintenance team handles the I.T Infrastructure - Servers, Data Centre, Internet, Firewall, etc of College/Departments on a daily basis.

Computers & Peripherals, Network Infrastructure: Preventive / Routine / breakdown / server maintenance / software is ensured by the IT Maintenance team.

Regular AMC of servers, Generators, Electrical / Electronical equipments / lifts/survivalnace system / waste management/ done to ensure to carry out the smooth functioning of the day-to-day activities related to academics in the campus.

We ensure the cleanliness, health and hygiene of the campus by ensuring the minimal waste generation. We regularly undertake the Green, Energy & Environmental auditing from an external agency to authenticate the same. Disability audit is also done to facilitate specially abled students.

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

1991

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

179

File Description	Documents
Upload any additional information	No File Uploaded
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	www.rvce.edu.in
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

330

File Description	Documents
Any additional information	No File Uploaded
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

883

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

67

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
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

43

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

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

62

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

We have students in Antiragging Committee and Placement cell. There are 2 students in Antiragging committee and 44 students in UG placement cell, 36 students in PG placement cell.

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

15

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 RVCE [AARVCE] was registered in the year 1982 under the Society act Registered number: 405/2003-2004.

They serve the society and also support institutional growth through Alumni Bridge.

SAARTHAKA TRUST is another alumni organization established in 2005 to support meritorious students by providing scholarship and also provide fee for class D employees of RV College of Engineering. It is overseen by alumni of the Civil Department, is providing financial support to underprivileged students, offering scholarships totaling Rs. 2,90,000. In addition the alumni association annually sponsors a Silver Medal valued at Rs. 1,40,595. Furthermore, numerous alumni actively participate as Board of studies(BOS) members in various departments. Alumni contribute by delivering expert talks, organizing training workshops and facilitating skill development programs to enhance our student's employability. Furthermore, they generously assist in arranging industry tours for students. Also, some alumni are actively involved in sponsoring economically weak students in the

department, covering their college and hostel fees, which amounts to a total of Rs. 4,50,720.

The association has its own website <http://rvcealumni.org> . It posts alumni events, achievers, recent alumni news, and best career opportunities

The number of alumni following in our official LinkedIn page <https://www.linkedin.com/school/rvcengineering/> is 36000+Alumni.

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

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

RV College of Engineering institutes effective leadership with the involvement of all the key stake holders for formulating institution Vision and Mission.

The Vision and Mission of the institute is as follows.

Vision

Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, with a Focus on Sustainable and Inclusive Technology

Mission

- To deliver outcome based Quality education, emphasizing on experiential learning with the state of the art infrastructure.

- To create a conducive environment for interdisciplinary research and innovation.
- To develop professionals through holistic education focusing on individual growth, discipline, integrity, ethics and social sensitivity.
- To nurture industry-institution collaboration leading to competency enhancement and entrepreneurship.
- To focus on technologies that are sustainable and inclusive, benefiting all sections of the society.

The institution has evolved a quality policy in driving academic and research excellence in all the activities of the institution.

The quality policy is as stated below

Quality Policy

Achieving Excellence in Technical Education, Research and Consulting through an Outcome Based Curriculum focusing on Continuous Improvement and Innovation by Benchmarking against the global Best Practices.

The institution operates on a set of core values which guide all the key stake holders to be ethical and moral. the core values are stated as below

Core Values Professionalism, Commitment, Integrity, Team Work, Innovation

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://rvce.edu.in/rvce-history

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

Decentralization and Participative Management are the ways of working at RV College of engineering. The institution has established a culture of participative management, by involving faculty members and students in various administrative roles in

various academic and nonacademic committees such as the Governing body, Academic Council, Finance committee, Sports committee, Board of Studies, Board of Examiners, Welfare Association, and many other decision-making committees of the Institute.

The Institute has established a decentralized structure for decision-making where various committees interface their decisions with Institute committees. The administration of the institution is supervised by the Governing Body (GB) of the institution. The Governing body constitutes the Representatives from the Board of Management, eminent academicians, renowned industrialists, the principal, and a few other senior faculties.

The Governing Body meets twice a year and reviews the progress/growth of the institution. The Governing approves the Vision and Mission, strategic plan, establishment of new programs of study leading to degrees, and plan for the infrastructure development of the institute.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

RVCE is set to introduce undergraduate programs in Cyber Security and Data Science for the 2022-23 academic year. These programs aim to equip students with essential skills for the job market, particularly in cybersecurity and data analysis.

Expanding student intake in the Computer Science and Information Science departments by 25% is a significant achievement, driven by the goal of maintaining a top 100 position in the NIRF rankings.

RVCE actively promotes Industry-Academia Collaboration through over 125 MoUs with top companies. This collaboration enhances students' practical experience and job readiness.

To meet changing market demands, RVCE is aligning academic offerings with industry needs. Programs in Cyber Security and Data Science are part of this initiative, strengthening students' employability and entrepreneurial skills.

The institution's patent filings demonstrate a commitment to research and development, potentially leading to innovations and contributions across various fields, with about 63 patents filed/published.

NBA Accreditation reinforces the quality and relevance of education at RVCE. Six of its programs have received accreditation for six years, reflecting the institution's dedication to excellence in education.

In summary, RVCE's governance and strategic development focus on fostering excellence in education, research, industry engagement, and global partnerships.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.rvce.edu.in/sites/default/files/STRATEGIC%20DEVELOPMENT%20PLAN-RVCE%20Document_2017.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.

Commitment to effective governance and management within the institution. When the policies, administrative set-up, appointment and service rules, and procedures are well-structured and efficient, it can contribute to the overall success and effectiveness of the organization, whether it's in the context of education or another field.

Academic Council: This council is often responsible for overseeing academic policies, curriculum development, and program evaluation

to ensure that the educational offerings meet high standards.

Board of Governors or Trustees: The governing body typically sets the strategic direction of the institution and ensures that it operates in accordance with its mission and values, which may include a commitment to academic excellence.

Quality Assurance (IQAC) and Accreditation Bodies: Collaborating with external quality assurance and accreditation agencies helps maintain and improve academic standards by subjecting the institution to rigorous evaluations.

Faculty Committees: These committees may focus on curriculum design, assessment, and faculty development to ensure that teaching and research maintain high standards.

Student Committees: Involving student representatives in academic decision-making processes can help ensure that the institution meets the needs and expectations of its students.

Research and Innovation Committees: These committees often focus on promoting research activities, ensuring ethical standards in research, and encouraging innovation within the institution.

Admissions and Selection Committees: Ensuring a fair and merit-based admissions process is essential for attracting talented students who can contribute to academic excellence.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.rvce.edu.in/key-executives
Upload any additional information	View File
Paste link for additional Information	Nil

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	No File Uploaded

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

Effective welfare measures for both teaching and non-teaching staff in an institution can significantly contribute to their job satisfaction, well-being, and overall performance. Additionally, providing avenues for career development and progression is essential to attract and retain talented individuals. Few of the measures that our institution consider for teaching staff is Mentorship Programs, Recognition and awards, Research support and feedback mechanism. For Non teaching staff our institution provides Recognition and awards, Career Progression Opportunities, training skill development.

Few of the avenues for the Career Development and Progression are Leadership development, Job rotation, cross functional projects, succession planning. By implementing these welfare measures and career development avenues, our institution creates a conducive and supportive environment for both teaching and non-teaching staff, fostering their growth, job satisfaction, and long-term commitment to the institution's mission and goals.

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

File Description	Documents
Upload any additional information	No File Uploaded
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

16

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

200

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	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Yes, RVCE conducts internal and external financial audits regularly.

Internal Audit: - RSST has appointed internal Auditor Mr.S. Ashok, Chartered Accountant, M/s.Ashok Shivaji Rao & Co, No.1127, 1st Floor, 5th Main, A Block, Subramanyanagara, 2nd Phase,

Rajajinagar, Bangalore- 560 010 for R.V. College of Engineering. Monthly audits are carried out by internal auditor's team. The audit objections raised during internal audit are rectified and recommendations for process improvement are implemented. The Internal audit team verifies all payments, receipts, vouchers of the transactions, ledgers.

External Audit: The institution follows the mercantile system of accounting and complies with the guidelines and Standards on accounting recommended by the Institute of Chartered Accountants of India (ICAI). RSST has appointed External Auditor M/s.Santhappa & Co, Chartered Accountants, Unit No.201, II floor, house of lords, 15 & 16, St Maks Road, Bengaluru - 560 001 to perform an audit of the financial statements. The financial records are audited by qualified chartered accountants at the end of each financial year. The Institution also publishes audited financial statements on the institution's website as information for the public.

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)

18.50

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

Institution offers consultancy services resulting in collaborations and brand building and also contributing to financial resource mobilization. There is encouragement for faculty members to apply for funding from various Government

agencies and Private funding agencies to augment the financial resources and also enhance the research output. Departments are encouraged to offer new certification courses in emerging areas, which are in sync with the industry requirements. The departments conduct workshops and training programmes for professionals from the industries, Academia and also students of both this institution and other institutions. The departments also conduct certification courses from COE's and COC's and internships form Centre of Excellence in collaboration with industries. This help is reducing the learning gaps and ensures knowledge transfer.

Departmental annual budget segmented as UG/PG & R & D budget categorized under Recurring and non-recurring expenses is formulated as per revised syllabus requirements, planned co-curricular activities, research work etc. before the start of the financial year. The Budget review committee reviews the budget of all departments and forwards it to the approval from management. The management takes a review and allocates sufficient finance to carry out activities in the institution.

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 Internal Quality Assurance Cell (IQAC), in the college organised initiatives to improve participative learning of the students through Collaborative assessments, problem based activities, Role-Playing and Simulations, Discussions and Debates inclassroom. This type of learning enhances the Deeper Understanding, Critical Thinking, Problem-Solving Skills and Application of Knowledge
- It steered the assessment and evaluation of experiential learning component of Continuous Internal Evaluation(CIE) through exhibition mode
- It facilitated the end-of-semester examinations for Ability Enhancement courses and the Design Thinking Lab through an

exhibition mode

- It initiated the assessment and evaluation by NBA for five programs which were accredited for 6 years
- Participated in National Ranking - NIRF and bagged 96th rank in Engineering category
- Achieved media and International ranking (THE Ranking of 1501+)
- Obtained Graded autonomy
- Promoting Technology Enhanced Learning through MOOC
- QS IGAUGE* awarded R V College of Engineering, Bengaluru with a DIAMOND University Rating

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in//iqac

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

The IQAC initiated the following teaching learning process

- Participative learning of the students through Collaborative assessments, problem based activities, Role-Playing and Simulations, Discussions and Debates in classroom.
- supported Mandatory internship by Centre of Excellences such that students can explore recent trends in the technologies
- Through skill lab, Design thinking labs

The IQAC-reviews the teaching -learning process by conducting internal audit and also ensuring quality teaching learning process twice in a semester during the academic year. It begins with each academic department meticulously preparing a Self-Evaluation Report, a comprehensive document that reflects upon various aspects of their teaching, research, and overall academic performance. This report is then submitted to the IQAC. After submission, the Audit team, is tasked with the responsibility of conducting a thorough evaluation. This evaluation is multifaceted. Following the audit visit, an in-depth audit report is meticulously prepared by the Audit team and will be submitted to IQAC.

The Following Areas will be covered during the audit and the outcomes will be reviewed for corrective measures:

- Students' Academic Performance (CIE & SEE results)
- Use of ICT enabled teaching
- Maintenance of Course File
- Lab related attendance and experiment conduction

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

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

A. Any 4 or all of the above

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)

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.rvce.edu.in/mandatory-disclosure
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

A Gender Audit seeks to promote gender equity by:

1. Evaluating Gender Equity: Assessing the state of gender equity within an entity. 2. Identifying Disparities: Recognizing gender biases and disparities. 3. Reviewing Policies: Examining policies that impact gender equity. 4. Cultivating Inclusivity: Nurturing an inclusive environment. 5. Ensuring Compliance: Adhering to gender-related laws and standards. 6. Heightening Sensitivity: Increasing awareness of gender issues. 7. Recommending Changes: Proposing interventions for gender equity. 8. Measuring Progress: Establishing benchmarks for equity. 9. Empowering Individuals: Empowering all genders in decision-making. 10. Promoting Accountability: Holding individuals accountable for gender-related matters. 11. Developing Inclusive Policies: Creating gender-inclusive initiatives. 12. Raising Awareness: Advocating for gender equity and respect.

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 plant Wheeling to the Grid 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)

The institution has implemented an effective waste management system to handle various types of degradable and non-degradable waste, ensuring environmental sustainability:

For **degradable waste**, which includes organic materials like food scraps and yard waste, the institution employs a comprehensive strategy. It has established a well-structured

composting program to transform organic waste into nutrient-rich compost. This compost is then used for landscaping and gardening purposes across the campus. Additionally, the institution has implemented a waste segregation system to separate degradable waste at the source, making the collection and composting process more efficient.

As for **non-degradable waste**, which encompasses materials like plastics, metals, and glass, the institution is committed to responsible disposal and recycling. It has partnered with authorized waste management companies to collect, recycle, or dispose of non-degradable waste in an environmentally friendly manner. Furthermore, the institution promotes the reduction of non-degradable waste by encouraging the use of reusable materials and discouraging single-use plastics.

Overall, the institution's waste management practices reflect its dedication to minimizing its environmental footprint, promoting sustainability, and contributing to a cleaner and healthier environment for the community 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 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:

A. Any 4 or All of the above

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

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

A. Any 4 or all of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
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

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	No File Uploaded
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).

RVCE's commitment to promoting tolerance and harmony among students and staff is evident through various initiatives:

1. Cultural Diversity Celebrations: RVCE organizes cultural events and festivals that highlight the rich diversity within its student community. These occasions provide a platform for students from various cultural backgrounds to share their traditions and experiences.

2. Language and Communication Programs: The college offers language and communication programs to facilitate effective communication among students, regardless of their mother tongue.

3. Cultural Clubs and Associations: RVCE encourages the formation of cultural clubs and associations that celebrate diverse regional, linguistic, and communal traditions. These clubs serve as spaces for students to connect with their cultural heritage and share their customs.

4. **Sensitivity Workshops:** RVCE conducts workshops and awareness programs on diversity, inclusion, and tolerance. These initiatives educate students and staff on the significance of respecting and appreciating differences.

5. **Counseling and Support Services:** RVCE offers counseling services to address concerns related to diversity, inclusion, or tolerance. This support system ensures that students have a nurturing environment.

6. **Community Engagement:** RVCE actively engages in community outreach programs that emphasize social responsibility and community harmony, reinforcing the importance of giving back to society.

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:

RV College of Engineering is committed to instilling a strong sense of constitutional awareness, values, rights, duties, and responsibilities among its students and employees. This initiative is vital for creating socially responsible and informed citizens.

The college employs a multifaceted approach to achieve this goal. It conducts constitutional workshops, seminars, and guest lectures to educate the college community about the Indian Constitution, its fundamental tenets, and the significance of civic engagement. These sessions provide valuable insights into fundamental rights, directive principles, and fundamental duties.

To integrate constitutional education into the fabric of the institution, RV College incorporates relevant content into its curriculum, ensuring that students gain a comprehensive understanding of their roles as responsible citizens.

Interactive discussions, civic engagement programs, and legal awareness campaigns further enrich the learning experience. Students and employees are encouraged to participate actively in forums, awareness drives, and community service projects.

The college leverages various communication channels, including newsletters, social media, and notice boards, to disseminate information on constitutional values and civic responsibilities.

By implementing these initiatives, RV College of Engineering aims to sensitize its community to their constitutional obligations, fostering a culture of civic responsibility and social awareness.

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	No File Uploaded
Any other relevant information	View File

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

RVCE actively engages in commemorating national and international events, days, and festivals to create a dynamic and culturally diverse campus atmosphere. These occasions serve as opportunities

for celebration, education, and community building.

RVCE observes significant national events such as Independence Day and Republic Day with flag hoisting ceremonies, cultural performances, and discussions on patriotism and national values. International Women's Day is acknowledged with programs that promote gender equality and empowerment.

The college actively participates in global events like World Environment Day, emphasizing sustainability and environmental consciousness through tree planting initiatives and awareness campaigns. National Science Day is marked by exhibitions and lectures, fostering scientific awareness and innovation.

RVCE's cultural festivals showcase the rich heritage of its diverse student body, featuring music, dance, drama, and art performances. Technical symposiums and sports events encourage knowledge sharing and physical fitness, while ethnic and religious celebrations embrace the cultural diversity of the college community.

RVCE's commitment to holistic education extends to alumni reunions, international education weeks, and various technical workshops and hackathons, promoting innovation and skill development.

Through these commemorations and celebrations, RVCE fosters a vibrant, inclusive, and intellectually stimulating environment that enriches the college experience for students and faculty

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

7.2 - Best Practices

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

Best Practices

RVCE is a distinguished institution known for its commitment to excellence in education. RVCE's strategic priorities span a wide spectrum of crucial areas, demonstrating its holistic approach to academic and institutional development.

RVCE aspires to achieve the esteemed status of a university, a significant milestone that entails meeting rigorous accreditation and regulatory criteria. The institution's dedication to leadership development is evident through empowering faculty and staff, fostering a culture of continuous growth and excellence.

RVCE leverages modern technology to support effective teaching and online learning, enhancing the educational experience. Additionally, enhanced library resources and digital access enrich the learning process.

RVCE's curriculum is thoughtfully aligned with industry trends, employing outcome-based practices to enhance learning outcomes. Strong industry partnerships provide valuable opportunities, including internships, projects, placements, and collaborative research efforts. Faculty and students actively contribute to esteemed journals and conferences, reflecting the institution's commitment to research and innovation through interdisciplinary research clusters.

Quality assurance remains a cornerstone of RVCE's commitment, characterized by unwavering compliance with accreditation and regulatory requirements, fostering continuous improvement. The institution also promotes entrepreneurship through its startup incubation center and connects students with investors through career counseling and placement services.

File Description	Documents
Best practices in the Institutional website	https://rvce.edu.in//hand-book
Any other relevant information	Nil

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)

1. Academic Excellence:. The institution consistently ranks among the top engineering colleges in India and is known for its

rigorous academic programs, high-quality faculty, and robust curriculum.

2. **Research and Innovation:** The college actively promotes research activities among faculty and students, resulting in numerous research publications, patents, and innovative projects.

3. **Industry Collaboration:** RVCE has forged strong ties with industry leaders and actively collaborates with companies on research projects, internships, and placements..

4. **Entrepreneurship:** The college supports entrepreneurial endeavors and has established an Innovation and Entrepreneurship Development Center (IEDC) to nurture student startups.

5. **Infrastructure and Facilities:** RVCE invests in state-of-the-art infrastructure and laboratories, providing students with access to cutting-edge technology and resources to support their learning and research endeavors.

6. **Global Perspective:** RVCE encourages a global outlook by facilitating international collaborations, exchange programs, and research partnerships with universities worldwide.

7. **Alumni Achievements:**RVCE boasts a strong alumni network, with its graduates holding influential positions in academia, industry, and entrepreneurship.

In summary, RV College of Engineering's performance in the field of technical education and research exemplifies its commitment to excellence, innovation, and preparing students for successful careers in engineering and technology.

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.

The college's curriculum is developed based on its Programme Educational Objectives (PEO) and Programme Outcomes (PO), which align with its mission statements. Feedback from stakeholders, including academic and industrial experts, is considered to ensure relevance to local, regional, national, and global developmental needs. Courses in various programs allow students to analyze local and regional needs, provide real-life experiences, and participate in developmental activities. The institution also encourages students to analyze physical and socioeconomic factors influencing city development. Courses that encourage family businesses and bring industry expertise are also offered.

National and global developmental needs are addressed through new courses in areas like Internet of Things, Data Science, Data Analytics, Cyber Security, Artificial Intelligence, Machine Learning, and Cyber Physical Systems. These courses enhance students' employability skills, align with the national mission of 'Make-in-India', and promote global health awareness. Co-curricular and extra-curricular activities are mandatory for students' overall development.

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

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

27

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

1620

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

145

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

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

31

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

1.3 - Curriculum Enrichment

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

In the dynamic landscape of engineering education, stands as a progressive institution with a holistic vision. It transcends traditional technical instruction, incorporating essential elements such as professional ethics, gender sensitivity, human values, environmental awareness, and sustainability. This forward-thinking approach underscores the belief that engineering education must encompass societal and ethical dimensions.

RVCE's curriculum aligns with the nation's Sustainable Development Goals, demonstrating a commitment to global challenges and a sustainable world. Adhering to AICTE guidelines and the National Education Policy 2020, RVCE remains at the forefront of educational innovation.

The curriculum is meticulously designed, striking a balance between fundamental science and mathematics courses for a strong engineering foundation. Elective courses keep students informed about emerging technologies and industry trends. Mandatory courses like "Indian Knowledge System," "Yoga," "Universal Human Values," and arts courses emphasize cultural awareness and values.

Practical, project-based learning is pivotal at RVCE, with 40% of the assessment rooted in experiential learning. The focus on skill development includes skill labs, internships, technical training, workshops, and industry collaborations, equipping students for a competitive job market. Industry-sponsored projects and internships bridge the gap between academia and the professional world.

The curriculum delves into areas beyond technical expertise, including the Constitution of India, professional ethics,

management, finance, research methodology, communicative English, and professional development training.

Notably, RVCE introduces a design thinking lab, promoting product development based on customer needs, nurturing creativity and problem-solving skills.

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

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

12

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

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

605

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

2783

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	http://103.117.238.207/NAAC_AQAR/2022-23/CRITERION1/1.4.1_1.4.2_RVCE_Feedback_Sample.pdf
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	http://103.117.238.207/NAAC_AQAR/2022-23/CRITERION1/1.4.1_1.4.2_RVCE_Feedback_Sample.pdf
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

1647	
File Description	Documents
Any additional information	No File Uploaded
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)

367	
File Description	Documents
Any additional information	No File Uploaded
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.

The institution organizes special programs for advanced learners. Students of all UG and PG branches are involved in Interdisciplinary projects. The students are also involved in consultancy projects funded by various industries.

In order to streamline and undertaking focused research, the institution has followed the Interdisciplinary Research & Innovation approach for execution of funded projects and industrial consultancy. The institution has established 24 Centers of Competence / Excellence. Based on the specialization and competency of the students, various interdisciplinary teams are formed to undertake need based research, execute projects and consultancy assignments. Many companies and funding agencies have helped in establishing physical infrastructure and state of the art equipment and software. Mentoring by Industry & Research Experts in the thematic areas.

The above approach is adopted to make sure learning happens to UG/PG/PhD students in an expected way. The students understand the advantages of working in interdisciplinary way.

In order to support the slow learners, all the departments will conduct Remedial classes for students who scores less marks in

CIE. Separate timetable will be given and classes will be conducted after college hours. The progress of the students is monitored by the course handling faculties.

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
01/06/2022	5756	350

File Description	Documents
Upload any additional information	No File Uploaded

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 institution has implemented Outcome Based Education (OBE) with a focus on ICT and project-based learning to enhance critical thinking ability. The institution has introduced experiential learning was introduced to motivate students to innovate, bring in teamwork and lifelong learning & encourage students to form multidisciplinary groups for major projects, leading to securing funded projects. The programs are designed with requisite number of foundation courses, advanced courses, SWEBOK, MOOCS, NPTEL, QEEE, industry-based electives and laboratories to facilitate enhancement of competence of the students in all the relevant domains and render them employable, prepare them for higher studies, entrepreneurship and public service. The academic activities concentrate on helping the students to gain an excellent theoretical knowledge base and the skills to implement them. The latest teaching aids from multimedia equipment to simulation techniques ensure a thorough learning process. The college regularly invites experts and industry professionals to impart practical skills and lessons to students. To enhance the problem-solving skills among the student community SKILL lab, IDEA lab and Design

Thinking lab are introduced in the curriculum. Industrial visits are encouraged to help the students to grasp the technology at work and enhance their learning ability.

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

In the past 5 years, the teaching learning process evolved with lot of changes due to COVID-19. The institution witnessed a paradigm shift during COVID 19 pandemic due to the adoption of online Teaching Learning Process. The usage of ICT enabled tools in TLP increased multi-fold in our institution. Online learning became a necessity for the students rather than an option. Our faculty utilised this opportunity to explore new horizons of teaching and research. Quiklrn and Google Classroom tools were used as the Learning Management System (LMS). Google Meet, GoToMeeting, WebEx were used for the conduction of online classes. Digital writing pad and digital boards replaced the black boards. PowerPoint presentations and videos were used to provide effective audio visual experience to the students. To augment the learning, educational videos of our faculties were posted in the Education YouTube channel. Educational videos from Khan Academy, NPTEL, Coursera, Jove, LinkedIn learning and Alison Courses were used by the educators to augment the student learning. Students were trained in virtual labs and modern simulation tools. Online quizzes were conducted regularly. Class recordings were made available on Google drive. MOOC courses, imbibed into the curriculum, fostered the learnability coefficient of the graduates.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://home.quiklrn.com/
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**

208

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

The institution took utmost care to bring uniformity in the functioning of the Semester Scheme for all academic programmes across the College. An Academic year includes three semesters. Two regular semesters (Odd & Even), Each semester has 16 weeks of Academics & 03 weeks of exams. In addition, there was a supplementary/Fast track semester spanning 08 weeks of Academics & One / Two weeks of Exams. The 'Academic Calendar' included important academic activities to assist the students and the faculty. Academic Calendar would be prepared before the commencement of the academic year and will be published in the college website. This enables the students to be well prepared, minimize their chances of failure in CIE and/or SEE tests & Exams respectively, and take full advantage of the flexibility provided by the credit system. The "Induction program" for the first-year students was proposed to have THREE weeks of program in the FIRST semester and ONE WEEK of program during the SECOND semester. The Induction program was conducted in online mode during pandemic. Adherence to the academic calendar is ensured through audits conducted at the department level and at the institute level by IQAC and Dean - Academics.

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**

348

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	No File Uploaded

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

251

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	No File Uploaded

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

4761

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

27

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

613

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	No File Uploaded

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

All process starting from entry of examiners list to announcement of the results including billing is done by IT integration through SAP from the academic year 2019-20. Since then, IT integration into the system saves lot of time, cost, and effort for the better-quality output.

Apart from the above, students services related activities such as generation of Hall tickets, Grade cards, PDCs, Transcripts, convocation reports etc are also the part of IT integration.

The office of CoE conducts the examination audit (process and quality) twice a year by an external auditor. The audit committee consists of one external auditor, BoE Chairperson/ representative of BoE chairperson, and examination unit coordinator of the department. Once the audit is over, the team submits a report to the office of CoE. The CoE, in turn forward the report to the Chairperson, BoE to take necessary and corrective measures.

Initiatives have taken to improve the quality of assessment by adopting appropriate evaluation methods for various type of

courses. For example: project-based courses/Labs/design thinking lab will be assessed by exhibiting the products/charts/displays etc by the students and evaluated by interactions with the experts.

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

Program Outcomes (POs) represent the qualities and competencies that a graduate acquires throughout an academic program. These statements are formulated based on the knowledge, skills, and attitudes developed by students during their course of study. The National Board of Accreditation for Engineering, MBA, and MCA programs defines these POs. Typically, a program specifies 3 to 4 Program Specific Outcomes (PSOs) for UG programs, explaining the core competencies that students should gain.

Course Outcomes (COs) describe the competencies students will acquire through individual courses, encompassing theory subjects, laboratory work, and projects. The number of COs may range from 3 to 6, depending on the course content. COs are defined by the course coordinator, often based on Bloom's Taxonomy. These outcomes are then mapped to the appropriate program outcomes, with each CO assigned a specific weightage, usually ranging from 1 to 3. A total of twelve common POs, as mandated by the All India Council for Technical Education (AICTE), apply to all branches of study. PSOs are tailored to each specific program and are formulated with active participation from faculty, aligning with the institution's vision, mission, and POs/graduate attributes. Detailed syllabus copies containing COs are accessible on the institution's website (www.rvce.edu.in).

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	Nil

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

Course Outcomes (COs) are systematically linked to POs and PSOs, each assigned a weightage (3 - high, 2 - moderate, 1 - low) for conformity. COs are developed with careful consideration of Bloom's Taxonomy. Mapping COs to POs and PSOs signifies the contribution of individual courses to achieving program-level outcomes. Assessment of COs employs both direct and indirect techniques. Direct assessment encompasses CIE, Semester SEE, tests, quizzes, self-study/experiential learning, laboratory work, and projects. Indirect assessment involves course-end surveys.

CIE includes internal assessment questions, quizzes, assignments, and laboratory work, all linked to COs, which maps to POs. A similar mapping process is followed for SEE. Rubrics are created for projects, seminars, case studies, and internships. Course-end survey questions, formulated by course coordinators, gauge course attainment levels. CO attainment comprises 60% CIE, 40% SEE, and 20% indirect assessment. Course-wise PO/PSO attainments are computed based on the CO-to-PO/PSO mapping and respective weightages. The program's overall PO/PSO attainment is determined, allocating 80% weightage to PO attainment via COs and 20% weightage to indirect assessments, including alumni, employer, and graduate surveys, all rated on a 5-point scale. Attainment levels are compared against targets set by course coordinators and the program assessment committee.

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

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**

990

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	No File Uploaded
Paste link for the annual report	Nil

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://rvce.edu.in/sites/default/files/Students-satisfaction-survey-22-23_compressed.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

RVCE envisions leadership in technical education and research. RVCE is committed to facilitate research in cutting edge technologies and has developed twenty four CoE/CoC to facilitate multidisciplinary research in cutting edge areas. RVCE has well defined policy for research. RVCE supports innovation through innovative projects in which the faculty and students build systems such as racing cars, all-terrain vehicles and robots and compete in international events. The faculty are vibrantly engaged in sponsored projects by organisations such as DST, DBT, UGC, AICTE, KSTU, KSTA, NRB, ARB, DRDO, BIRAC, SERB, DSIR, DAE, ISRO, VTU, VGST and DRDO. Research infrastructure is developed through R&D budget for departments and CoE/CoC. Research infrastructure is further enriched through sponsored projects. RVCE has developed rich

infrastructure in the areas of automotive mechatronics, EV, Smart antenna measurement, HP computing, smart city technologies, visual computing, vehicle automation, IoT, Quantum Computing,, Computational genomics, nanomaterials and devices, integrated circuit design, video analytics, hydraulics and Pneumatics, digital manufacturing and supply chain management. The institute facilitates patenting through institution level intellectual property rights committee. RVCE provides seed money for preliminary research leading to sponsored projects. The worth of research facilities added during 2022-23 is INR 282.79 lakhs

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://rvce.edu.in/committe-research-advisory
Any additional information	No File Uploaded

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

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

40.26 Lakhs

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

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

6

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

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)**

116.77 Lakhs

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	View File

3.2.2 - Number of teachers having research projects during the year

7

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.rvce.edu.in/sites/default/files/Sponsored%20Research%20Projects%202018-2023.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

182

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

7

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://rvce.edu.in/sites/default/files/Sponsored%20Research%20Projects%202018-2023.pdf
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.

RVCE has created an eco-system for research and innovation by establishing interdisciplinary research centre, Incubation Centre, CoE in Vehicle Automation, Automotive Mechatronics, EV laboratory, High Performance Computing Centre, Quantum Computing, AI and ML, Supply Chain Management, Digital Manufacturing, Hydraulics and Pneumatics, Smart City Technologies, Sensors and Application Devices, Nanomaterials & Devices and Integrated Circuits. Innovation is brought about through innovative teams such as Ashwa, Helios, Chimera, Garuda, Solar Car, Jatayu, Krishi and Antariksh. Incubation is nurtured in the Institution by providing laboratory and financial support for PoC and converting it to prototypes. Prototype of Fingertip blood pressure monitoring device which measures blood pressure is portable, compact, user friendly and

cost effective is developed. The concept is patented, and the technology is transferred to an industry for developing a commercial product. Prototype of an innovative fall detection system is developed. USP of the product is the use of a biocompatible material and portability. The concept is patented and is already granted. The device is useful for patients with neurological disorders. Prototype of an Osteoporosis estimation device is developed through a DSIR sponsored individual innovator project. The Institution emphasises IPR by introducing mandatory course on IPR in UG curriculum.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/rvce-patent-details

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

30

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

B. Any 3 of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

14

File Description	Documents
URL to the research page on HEI website	https://rvce.edu.in/cs-research%20initiatives
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

0

File Description	Documents
List of research papers by title, author, department, and year of publication	No File Uploaded
Any additional information	No File Uploaded

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

30

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

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

729

File Description	Documents
Any additional information	No File Uploaded
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

31

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)

144 Lakhs

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

282.79 Lakhs

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

Extension activities of RVCE sensitises students to social issues through forums such as NSS, NCC, Raag and Rotract. Blood Donation Camps, Lake Cleaning, and Community Education are part of these to foster community engagement in addressing critical healthcare needs. This year's blood donation camp was well-received by diverse group of donors, including cadets, students, faculty, and local residents. In the recent event, 13 blood banks across Bengaluru, including Lions Club, NIMHANS, and the Indian Red Cross Society participated. Over 800 units of blood are collected every year. On 26-August, students of

RVCE and RV University conducted environment awareness drive at a Government High School. It promoted environmental consciousness and engaged students in plantation of native species. Participants were educated on global warming, air pollution and their prevention measures. Fifty saplings were planted during the drive and the school students were given writing material. One week programme was conducted for Government primary school students on the occasion of the Independence Day. Lake cleaning is frequently performed by the students of RVCE to engage them on environment preservation. Under the banner of Puneeth Sagar Abhiyaan, the cadets of NCC RVCE were actively involved in the clean-up of the Hoskerehalli and Gantiganahalli lakes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rvce.edu.in/ncc-nss

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

10

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)

56

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

5171

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

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

658

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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)

29

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.

The College encompasses a well maintained lush green campus spread over 53.acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Classrooms: college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms(119) equipped with LCD projectors for conducting theory classes.

Technology Enabled learning facility: The College has ICT Classrooms(119) where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

Seminar Hall: The College has multiple seminar halls(11) and one college auditorium . These halls are regularly used for conducting national / international seminars at the college. The students are promoted for active involvement in paper presentations, group discussions, etc.

Laboratories: College has many industry established labs(8) . All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE norms.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities(1Gbps bandwidth) to the students and faculty.

Available band width: 1Gbps. Internet facility is available in whole campus including labs, classrooms, library, offices of all Departments and hostels.

Hostel facility for Boys and Girls. College has hostels(6) which provide accomadation for around 1500+ students.

Ongoing Constructions: The renovation of CSE Block , EC Block, Gymnasium block, innovation centre is being undertaken for enhancing the existing infrastructure facilities .

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rvce.edu.in/infra

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

The College is proactive in providing infrastructure facilities for Cultural activities, Sports and Games in various ways so that students choose and participate in the events for which they have flair. College has Cultural committee and Sports committee supported by a team of faculty members to look after all cultural, sports and extracurricular activities of the college.

Cultural Activities: College motivate students by giving full support financially and academically for participation in national and international events. College cultural activity groups are Aalaap, footprints, debating society, quizcorp a quizzing club, Rotaract, Raag, CARV (Circle of acting at RV-Kannada, Hindi and English) Photography club.

Sports: The sports infrastructure facility includes a 6400sq mtr spacious cricket field, 300 sq.mtr area wooden Shuttle Badminton court, Volleyball court of 6300 Sqm, Foot Ball court and Hockey and Athletics fields. College also boasts of very spacious Indoor Basketball Stadium of dimension of 450 sqmtr at the prime place in the campus. Other popular games facility includes Table Tennis, Chess & Carrom. Multi Gym is another main attraction for the students & is in the Indoor Stadium. It has all modern 12 station equipment. Students can make use of this facility even during their leisure and keep themselves FIT and HEALTHY.

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

137

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)

1067.90

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

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

The Department of Library and Information Centre was established in 1963 and currently has five technical staff and five non-technical staff. The library has a vast collection of books, reference books, journals, e-books, e-journals, encyclopaedias, and multimedia resources, with a total document collection of 1,85,500. The library subscribes to 158 technical journals, 23 technical magazines, and 15 daily newspapers in English and Kannada. It also has subscriptions to Wiley and Pearson e-books and e-journals through the VTU e-Resource Consortium. The library has a collection of 7693 e-journals and 44,320 e-books, along with an institutional subscription to IEEE, which includes 190 e-journals and conference proceedings.

The library procures over 2500 books each year based on the requisition from the Head of the Department. The procurement and renewal of books, journals, and software are done through

the SAP Material Management and Service Module. The library also provides a web-based Research Information Management service called IRINS, developed by INFLIBNET Centre.

This portal helps academic and R&D organizations, faculty members, and scientists collect and showcase scholarly communication activities. It integrates with various research management systems and academic identities like ORCID and Scopus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/library

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)

110.94

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

98

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

Embracing the 802.11ax standard, Institution's WiFi infrastructure provides advanced connectivity. Increase in access points totaling to 400 for better connectivity. The network incorporates of a redundant 10 gigabit fiberbackbone underpins reliable and high-speed connectivity across the campus.

A 24/7 operational in-house data center houses state-of-the-art servers, storage systems, and backup solutions. Integration of essential elements such as fire suppression systems, precision air conditioning, biometric access controls, and CCTV cameras maintains optimal environment for critical IT operations.

Bandwidth of 1000 Mbps ensures network performance for all users

Software Policies: By utilizing legally licensed software, including Microsoft Windows, Mathworks, Cadence, Adobe, the institution upholds its responsibility to intellectual property and compliance.

Towards IT infrastructure upgrade, the expansion of fiber optic connectivity, the deployment of high-capacity core switches, the provision of distribution switches, and the enhancement of wireless infrastructure are brought in to provide a state of art technology. The integration of Hyper-Converged Infrastructure (HCI) bolsters computing capabilities, and the implementation of Aruba ClearPass solution strengthens wireless authentication. The integration of biometric attendance through

IP-based face recognition readers, integrated with SAP, streamlines attendance management along with 260 cameras and 20 network video recorders, contributes to a secure campus environment.

Surveillance Systems and Biometric Attendance: The presence of a comprehensive surveillance system, comprising over 260 cameras and 20 network video recorders, contributes to a secure campus environment. Furthermore, the integration of biometric attendance through IP-based face recognition readers, integrated with SAP, streamlines attendance management.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/infra

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5754	2748

File Description	Documents
Upload any additional information	View File

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

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

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

C. Any two of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in/infra
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)

2246.13

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.

At the RV College of Engineering, we Ensure to practice IT policies (attached) and also practice policies and procedures to create, maintain and upgrade the Infrastructure for enhancing the Teaching Learning process regularly. We also ensure a healthy and sustainable institution with respect to environment, energy savings and greenery of the campus.

Information Technology (I.T) related issues in the campus are logged through an internal portal. Calls are assigned to the technicians and after completion, the status is updated. The activity is being managed internally. The URL is http://172.16.2.112/IT_Maintenance/Complain-Management-System/login.php

I.T Maintenance team handles the I.T Infrastructure - Servers, Data Centre, Internet, Firewall, etc of College/Departments on a daily basis.

Computers & Peripherals, Network Infrastructure: Preventive / Routine / breakdown / server maintenance / software is ensured by the IT Maintenance team.

Regular AMC of servers, Generators, Electrical / Electronical equipments / lifts/survivalnace system / waste management/ done to ensure to carry out the smooth functioning of the day-to-day activities related to academics in the campus.

We ensure the cleanliness, health and hygiene of the campus by ensuring the minimal waste generation. We regularly undertake the Green, Energy & Environmental auditing from an external agency to authenticate the same. Disability audit is also done to facilitate specially abled students.

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

1991

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

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

179

File Description	Documents
Upload any additional information	No File Uploaded
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	www.rvce.edu.in
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

330

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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

A. All of the above

through appropriate committees

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**

883

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

67

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
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**

43

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

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

62

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

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

We have students in Antiragging Committee and Placement cell. There are 2 students in Antiragging committee and 44 students in UG placement cell, 36 students in PG placement cell.

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

15

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 RVCE [AARVCE] was registered in the year 1982 under the Society act Registered number: 405/2003-2004.

They serve the society and also support institutional growth through Alumni Bridge.

SAARTHAKA TRUST is another alumni organization established in 2005 to support meritorious students by providing scholarship and also provide fee for class D employees of RV College of Engineering. It is overseen by alumni of the Civil Department, is providing financial support to underprivileged students, offering scholarships totaling Rs. 2,90,000. In addition the alumni association annually sponsors a Silver Medal valued at Rs. 1,40,595. Furthermore, numerous alumni actively participate as Board of studies(BOS) members in various departments. Alumni contribute by delivering expert talks, organizing training workshops and facilitating skill development programs to enhance our student’s employability. Furthermore, they generously assist in arranging industry tours for students. Also, some alumni are actively involved in sponsoring economically weak students in the department, covering their college and hostel fees, which amounts to a total of Rs. 4,50,720.

The association has its own website <http://rvcealumni.org> . It posts alumni events, achievers, recent alumni news, and best career opportunities

The number of alumni following in our official LinkedIn page <https://www.linkedin.com/school/rvcengineering/> is 36000+Alumni.

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

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

RV College of Engineering institutes effective leadership with the involvement of all the key stake holders for formulating institution Vision and Mission.

The Vision and Mission of the institute is as follows.

Vision

Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, with a Focus on Sustainable and Inclusive Technology

Mission

- To deliver outcome based Quality education, emphasizing on experiential learning with the state of the art infrastructure.
- To create a conducive environment for interdisciplinary research and innovation.
- To develop professionals through holistic education focusing on individual growth, discipline, integrity, ethics and social sensitivity.
- To nurture industry-institution collaboration leading to competency enhancement and entrepreneurship.
- To focus on technologies that are sustainable and inclusive, benefiting all sections of the society.

The institution has evolved a quality policy in driving academic and research excellence in all the activities of the institution.

The quality policy is as stated below

Quality Policy

Achieving Excellence in Technical Education, Research and Consulting through an Outcome Based Curriculum focusing on Continuous Improvement and Innovation by Benchmarking against the global Best Practices.

The institution operates on a set of core values which guide all the key stake holders to be ethical and moral. the core values are stated as below

Core Values Professionalism, Commitment, Integrity, Team Work, Innovation

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://rvce.edu.in/rvce-history

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

Decentralization and Participative Management are the ways of working at RV College of engineering. The institution has established a culture of participative management, by involving faculty members and students in various administrative roles in various academic and nonacademic committees such as the Governing body, Academic Council, Finance committee, Sports committee, Board of Studies, Board of Examiners, Welfare Association, and many other decision-making committees of the Institute.

The Institute has established a decentralized structure for decision-making where various committees interface their decisions with Institute committees. The administration of the institution is supervised by the Governing Body (GB) of the institution. The Governing body constitutes the Representatives from the Board of Management, eminent academicians, renowned industrialists, the principal, and a few other senior faculties.

The Governing Body meets twice a year and reviews the

progress/growth of the institution. The Governing approves the Vision and Mission, strategic plan, establishment of new programs of study leading to degrees, and plan for the infrastructure development of the institute.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

RVCE is set to introduce undergraduate programs in Cyber Security and Data Science for the 2022-23 academic year. These programs aim to equip students with essential skills for the job market, particularly in cybersecurity and data analysis.

Expanding student intake in the Computer Science and Information Science departments by 25% is a significant achievement, driven by the goal of maintaining a top 100 position in the NIRF rankings.

RVCE actively promotes Industry-Academia Collaboration through over 125 MoUs with top companies. This collaboration enhances students' practical experience and job readiness.

To meet changing market demands, RVCE is aligning academic offerings with industry needs. Programs in Cyber Security and Data Science are part of this initiative, strengthening students' employability and entrepreneurial skills.

The institution's patent filings demonstrate a commitment to research and development, potentially leading to innovations and contributions across various fields, with about 63 patents filed/published.

NBA Accreditation reinforces the quality and relevance of education at RVCE. Six of its programs have received

accreditation for six years, reflecting the institution's dedication to excellence in education.

In summary, RVCE's governance and strategic development focus on fostering excellence in education, research, industry engagement, and global partnerships.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.rvce.edu.in/sites/default/files/STRATEGIC%20DEVELOPMENT%20PLAN-RVCE%20Document_2017.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.

Commitment to effective governance and management within the institution. When the policies, administrative set-up, appointment and service rules, and procedures are well-structured and efficient, it can contribute to the overall success and effectiveness of the organization, whether it's in the context of education or another field.

Academic Council: This council is often responsible for overseeing academic policies, curriculum development, and program evaluation to ensure that the educational offerings meet high standards.

Board of Governors or Trustees: The governing body typically sets the strategic direction of the institution and ensures that it operates in accordance with its mission and values, which may include a commitment to academic excellence.

Quality Assurance (IQAC) and Accreditation Bodies: Collaborating with external quality assurance and accreditation agencies helps maintain and improve academic standards by subjecting the institution to rigorous evaluations.

Faculty Committees: These committees may focus on curriculum design, assessment, and faculty development to ensure that teaching and research maintain high standards.

Student Committees: Involving student representatives in academic decision-making processes can help ensure that the institution meets the needs and expectations of its students.

Research and Innovation Committees: These committees often focus on promoting research activities, ensuring ethical standards in research, and encouraging innovation within the institution.

Admissions and Selection Committees: Ensuring a fair and merit-based admissions process is essential for attracting talented students who can contribute to academic excellence.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.rvce.edu.in/key-executives
Upload any additional information	View File
Paste link for additional Information	Nil

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	No File Uploaded

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

Effective welfare measures for both teaching and non-teaching staff in an institution can significantly contribute to their job satisfaction, well-being, and overall performance. Additionally, providing avenues for career development and progression is essential to attract and retain talented individuals. Few of the measures that our institution consider for teaching staff is Mentorship Programs, Recognition and awards, Research support and feedback mechanism. For Non teaching staff our institution provides Recognition and awards, Career Progression Opportunities, training skill development.

Few of the avenues for the Career Development and Progression are Leadership development, Job rotation, cross functional projects, succession planning. By implementing these welfare measures and career development avenues, our institution creates a conducive and supportive environment for both teaching and non-teaching staff, fostering their growth, job satisfaction, and long-term commitment to the institution's mission and goals.

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

18

File Description	Documents
Upload any additional information	No File Uploaded
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

16

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

200

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	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Yes, RVCE conducts internal and external financial audits regularly.

Internal Audit: - RSST has appointed internal Auditor Mr.S. Ashok, Chartered Accountant, M/s.Ashok Shivaji Rao & Co, No.1127, 1st Floor, 5th Main, A Block, Subramanyanagara, 2nd Phase, Rajajinagar, Bangalore- 560 010 for R.V. College of Engineering. Monthly audits are carried out by internal auditor's team. The audit objections raised during internal audit are rectified and recommendations for process improvement are implemented. The Internal audit team verifies all payments, receipts, vouchers of the transactions, ledgers.

External Audit: The institution follows the mercantile system of accounting and complies with the guidelines and Standards on

accounting recommended by the Institute of Chartered Accountants of India (ICAI). RSST has appointed External Auditor M/s.Santhappa & Co, Chartered Accountants, Unit No.201, II floor, house of lords, 15 & 16, St Maks Road, Bengaluru - 560 001 to perform an audit of the financial statements. The financial records are audited by qualified chartered accountants at the end of each financial year. The Institution also publishes audited financial statements on the institution's website as information for the public.

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)

18.50

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

Institution offers consultancy services resulting in collaborations and brand building and also contributing to financial resource mobilization. There is encouragement for faculty members to apply for funding from various Government agencies and Private funding agencies to augment the financial resources and also enhance the research output. Departments are encouraged to offer new certification courses in emerging areas, which are in sync with the industry requirements. The departments conduct workshops and training programmes for professionals from the industries, Academia and also students of both this institution and other institutions. The departments also conduct certification courses from COE's and COC's and internships form Centre of Excellence in

collaboration with industries. This help is reducing the learning gaps and ensures knowledge transfer.

Departmental annual budget segmented as UG/PG & R & D budget categorized under Recurring and non-recurring expenses is formulated as per revised syllabus requirements, planned co-curricular activities, research work etc. before the start of the financial year. The Budget review committee reviews the budget of all departments and forwards it to the approval from management. The management takes a review and allocates sufficient finance to carry out activities in the institution.

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 Internal Quality Assurance Cell (IQAC), in the college organised initiatives to improve participative learning of the students through Collaborative assessments, problem based activities, Role-Playing and Simulations, Discussions and Debates in classroom. This type of learning enhances the Deeper Understanding, Critical Thinking, Problem-Solving Skills and Application of Knowledge
- It steered the assessment and evaluation of experiential learning component of Continuous Internal Evaluation (CIE) through exhibition mode
- It facilitated the end-of-semester examinations for Ability Enhancement courses and the Design Thinking Lab through an exhibition mode
- It initiated the assessment and evaluation by NBA for five programs which were accredited for 6 years
- Participated in National Ranking - NIRF and bagged 96th rank in Engineering category
- Achieved media and International ranking (THE Ranking of 1501+)

- Obtained Graded autonomy
- Promoting Technology Enhanced Learning through MOOC
- QS IGAUGE* awarded R V College of Engineering, Bengaluru with a DIAMOND University Rating

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://rvce.edu.in//iqac

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

The IQAC initiated the following teaching learning process

- Participative learning of the students through Collaborative assessments, problem based activities, Role-Playing and Simulations, Discussions and Debates inclassroom.
- supported Mandatory internship by Centre of Excellences such that students can explore recent trends in the technologies
- Through skill lab, Design thinking labs

The IQAC-reviews the teaching -learning process byconducting internal audit and also ensuring quality teaching learning process twice in a semester during the academic year.It begins with each academic department meticulously preparing a Self-Evaluation Report, a comprehensive document that reflects upon various aspects of their teaching, research, and overall academic performance. This report is then submitted to the IQAC. After submission , the Audit team,is tasked with the responsibility of conducting a thorough evaluation. This evaluation is multifaceted.Following the audit visit, an in-depth audit report is meticulously prepared by the Audit team and will be submitted to IQAC.

The Following Areas will be covered during the audit and the outcomes will be reviewed for corrective measures:

- Students' Academic Performance (CIE & SEE results)
- Use of ICT enabled teaching

- Maintenance of Course File
- Lab related attendance and experiment conduction

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

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.rvce.edu.in/mandatory-disclosure
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

A Gender Audit seeks to promote gender equity by:

- 1. Evaluating Gender Equity: Assessing the state of gender equity within an entity.**
- 2. Identifying Disparities:**

Recognizing gender biases and disparities. 3. Reviewing Policies: Examining policies that impact gender equity. 4. Cultivating Inclusivity: Nurturing an inclusive environment. 5. Ensuring Compliance: Adhering to gender-related laws and standards. 6. Heightening Sensitivity: Increasing awareness of gender issues. 7. Recommending Changes: Proposing interventions for gender equity. 8. Measuring Progress: Establishing benchmarks for equity. 9. Empowering Individuals: Empowering all genders in decision-making. 10. Promoting Accountability: Holding individuals accountable for gender-related matters. 11. Developing Inclusive Policies: Creating gender-inclusive initiatives. 12. Raising Awareness: Advocating for gender equity and respect.

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)

The institution has implemented an effective waste management system to handle various types of degradable and non-degradable waste, ensuring environmental sustainability:

For **degradable waste**, which includes organic materials like food scraps and yard waste, the institution employs a comprehensive strategy. It has established a well-structured composting program to transform organic waste into nutrient-rich compost. This compost is then used for landscaping and gardening purposes across the campus. Additionally, the

institution has implemented a waste segregation system to separate degradable waste at the source, making the collection and composting process more efficient.

As for **non-degradable waste**, which encompasses materials like plastics, metals, and glass, the institution is committed to responsible disposal and recycling. It has partnered with authorized waste management companies to collect, recycle, or dispose of non-degradable waste in an environmentally friendly manner. Furthermore, the institution promotes the reduction of non-degradable waste by encouraging the use of reusable materials and discouraging single-use plastics.

Overall, the institution's waste management practices reflect its dedication to minimizing its environmental footprint, promoting sustainability, and contributing to a cleaner and healthier environment for the community 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:

A. Any 4 or All of the above

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

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

A. Any 4 or all of the above

**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.**

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	No File Uploaded
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).

RVCE's commitment to promoting tolerance and harmony among students and staff is evident through various initiatives:

1. Cultural Diversity Celebrations: RVCE organizes cultural events and festivals that highlight the rich diversity within its student community. These occasions provide a platform for students from various cultural backgrounds to share their traditions and experiences.

2. Language and Communication Programs: The college offers language and communication programs to facilitate effective communication among students, regardless of their mother tongue.

3. Cultural Clubs and Associations: RVCE encourages the formation of cultural clubs and associations that celebrate diverse regional, linguistic, and communal traditions. These clubs serve as spaces for students to connect with their cultural heritage and share their customs.

4. **Sensitivity Workshops:** RVCE conducts workshops and awareness programs on diversity, inclusion, and tolerance. These initiatives educate students and staff on the significance of respecting and appreciating differences.

5. **Counseling and Support Services:** RVCE offers counseling services to address concerns related to diversity, inclusion, or tolerance. This support system ensures that students have a nurturing environment.

6. **Community Engagement:** RVCE actively engages in community outreach programs that emphasize social responsibility and community harmony, reinforcing the importance of giving back to society.

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:

RV College of Engineering is committed to instilling a strong sense of constitutional awareness, values, rights, duties, and responsibilities among its students and employees. This initiative is vital for creating socially responsible and informed citizens.

The college employs a multifaceted approach to achieve this goal. It conducts constitutional workshops, seminars, and guest lectures to educate the college community about the Indian Constitution, its fundamental tenets, and the significance of civic engagement. These sessions provide valuable insights into fundamental rights, directive principles, and fundamental duties.

To integrate constitutional education into the fabric of the institution, RV College incorporates relevant content into its curriculum, ensuring that students gain a comprehensive understanding of their roles as responsible citizens.

Interactive discussions, civic engagement programs, and legal awareness campaigns further enrich the learning experience.

Students and employees are encouraged to participate actively in forums, awareness drives, and community service projects.

The college leverages various communication channels, including newsletters, social media, and notice boards, to disseminate information on constitutional values and civic responsibilities.

By implementing these initiatives, RV College of Engineering aims to sensitize its community to their constitutional obligations, fostering a culture of civic responsibility and social awareness.

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	No File Uploaded
Any other relevant information	View File

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

RVCE actively engages in commemorating national and international events, days, and festivals to create a dynamic and culturally diverse campus atmosphere. These occasions serve as opportunities for celebration, education, and community building.

RVCE observes significant national events such as Independence Day and Republic Day with flag hoisting ceremonies, cultural performances, and discussions on patriotism and national values. International Women's Day is acknowledged with programs that promote gender equality and empowerment.

The college actively participates in global events like World Environment Day, emphasizing sustainability and environmental consciousness through tree planting initiatives and awareness campaigns. National Science Day is marked by exhibitions and lectures, fostering scientific awareness and innovation.

RVCE's cultural festivals showcase the rich heritage of its diverse student body, featuring music, dance, drama, and art performances. Technical symposiums and sports events encourage knowledge sharing and physical fitness, while ethnic and religious celebrations embrace the cultural diversity of the college community.

RVCE's commitment to holistic education extends to alumni reunions, international education weeks, and various technical workshops and hackathons, promoting innovation and skill development.

Through these commemorations and celebrations, RVCE fosters a vibrant, inclusive, and intellectually stimulating environment that enriches the college experience for students and faculty

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

7.2 - Best Practices

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

Best Practices

RVCE is a distinguished institution known for its commitment to excellence in education. RVCE's strategic priorities span a wide spectrum of crucial areas, demonstrating its holistic approach to academic and institutional development.

RVCE aspires to achieve the esteemed status of a university, a significant milestone that entails meeting rigorous accreditation and regulatory criteria. The institution's dedication to leadership development is evident through empowering faculty and staff, fostering a culture of continuous growth and excellence.

RVCE leverages modern technology to support effective teaching and online learning, enhancing the educational experience. Additionally, enhanced library resources and digital access enrich the learning process.

RVCE's curriculum is thoughtfully aligned with industry trends, employing outcome-based practices to enhance learning outcomes. Strong industry partnerships provide valuable opportunities, including internships, projects, placements, and collaborative research efforts. Faculty and students actively contribute to esteemed journals and conferences, reflecting the institution's commitment to research and innovation through interdisciplinary research clusters.

Quality assurance remains a cornerstone of RVCE's commitment, characterized by unwavering compliance with accreditation and regulatory requirements, fostering continuous improvement. The institution also promotes entrepreneurship through its startup incubation center and connects students with investors through career counseling and placement services.

File Description	Documents
Best practices in the Institutional website	https://rvce.edu.in//hand-book
Any other relevant information	Nil

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)

1. **Academic Excellence:** The institution consistently ranks among the top engineering colleges in India and is known for its rigorous academic programs, high-quality faculty, and robust curriculum.

2. **Research and Innovation:** The college actively promotes research activities among faculty and students, resulting in numerous research publications, patents, and innovative projects.

3. **Industry Collaboration:** RVCE has forged strong ties with industry leaders and actively collaborates with companies on research projects, internships, and placements..

4. **Entrepreneurship:** The college supports entrepreneurial endeavors and has established an Innovation and Entrepreneurship Development Center (IEDC) to nurture student startups.

5. **Infrastructure and Facilities:** RVCE invests in state-of-the-art infrastructure and laboratories, providing students with access to cutting-edge technology and resources to support their learning and research endeavors.

6. **Global Perspective:** RVCE encourages a global outlook by facilitating international collaborations, exchange programs, and research partnerships with universities worldwide.

7. **Alumni Achievements:**RVCE boasts a strong alumni network, with its graduates holding influential positions in academia, industry, and entrepreneurship.

In summary, RV College of Engineering's performance in the field of technical education and research exemplifies its commitment to excellence, innovation, and preparing students for successful careers in engineering and technology.

File Description	Documents
Appropriate link in the institutional website	www.rvce.edu.in
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

RVCE's strategic priorities encompass a wide range of critical areas. These priorities include governance, which underscores the institution's commitment to transparent and accountable decision-making. RVCE is also actively working toward achieving university status, a significant milestone requiring adherence to accreditation and regulatory criteria.

In terms of leadership development, RVCE offers programs to empower its faculty and staff, fostering a culture of continuous growth. Effective financial management practices ensure sustainable growth and resource allocation for key initiatives, while infrastructure upgrades and green practices are essential for creating an optimal learning environment.

RVCE's curriculum aligns with industry trends and emphasizes outcome-based practices to enhance learning outcomes. The institution's strong industry partnerships facilitate internships, projects, placements, and research collaborations. Faculty and students actively contribute to reputable journals and conferences through interdisciplinary research clusters.

The institution promotes entrepreneurship through its startup incubation center and provides career counseling and placement services to connect students with potential investors.

RVCE is also committed to curriculum development in line with the National Education Policy 2020, introducing value-added courses to enhance students' skill development. Additionally, the institution collaborates with industry partners to establish Centers of Excellence and actively engages in research activities in the fields of water and hydrogen.