



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		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	0806818110	
• Alternate phone No.	08068188111	
• 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	
<b>2.Institutional status</b>		
• Autonomous Status (Provide the date of conferment of Autonomy)	10/12/2007	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>Dr. Shanmukha Nagaraj</b>				
• Phone No.	<b>08068188127</b>				
• Mobile No:	<b>9845129398</b>				
• IQAC e-mail ID	<b>iqac@rvce.edu.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="http://www.rvce.edu.in">www.rvce.edu.in</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://www.rvce.edu.in">www.rvce.edu.in</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B</b>	<b>2.8</b>	<b>2015</b>	<b>15/11/2015</b>	<b>14/11/2020</b>
<b>6.Date of Establishment of IQAC</b>			<b>30/03/2016</b>		
<b>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.)?</b>					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr. B.V. Uma	Share & mentor institutions (Margadarshan)	AICTE	31/05/2018	17.0 Lakhs
Dr. Shaam Aan	Financial assistance to student club to develop as a model club at institution under the scheme Promoting Interests, Creativity and Ethics among students (SPICES)	AICTE	07/05/2021	1 Lakh
Dr.Vidya Niranjan	DBT-JRF Program - Fellowship-Rudrappa Gattu, Biotech	DBT	04/05/2021	2.75 Lakhs
Ramaa A	FDP	AICTE	09/06/2021	0.93 Lakh
Sathish Babu	FDP	AICTE	16/07/2021	0.93 Lakh
Dr.Vidya Niranjan	INSPIRE Internship Science camp	DST	31/08/2021	1.75 Lakhs
Dr.Jasmine K S	Conduction of CTGZMA conference	AICTE	09/09/2021	2.30 Lakhs
Dr.Vidya	JRF	DBT	21/09/2021	2.45 Lakhs

Niranjan	Fellowship for 2021-2022			
Dr.Savitha R	FDP - Recent Trends in computational intelligence and Analytics	AICTE	29/09/2021	1 Lakh
Dr.Dinesh M N	WOS-Project	DST	30/09/2021	26.32 Lakhs
Dr.Sowmya Rani	Data Anonymization techniques for mitigation of privacy attacks in data publishing	AICTE	01/10/2021	7.50 Lakhs
Dr. Madhu B R & Adinath Jain	Varunamitra Program (1st batch)	NISE	01/10/2021	3.21 Lakhs
Dr.Raghavendra T	Utilization of alumina industrial waste for novel mix design in the development of controlled low strength materials under KSTePS	AICTE	05/10/2021	3 Lakhs
DR. Lokeshwari	ATAL Tunnel study tour	AICTE	06/10/2021	2 Lakhs
Dr.P R Venkatesh	Experimental investigatio	ARDB	06/10/2021	12.19 Lakhs

	n of damage monitoring in sandwich structure using vibration data for aircraft application			
Dr.Srivani S G	Solar Iron Cart	FINP / NIAS	21/10/2021	1.19 Lakhs
Dr.Vijaya Kumar	FDP - under ATAL scheme	AICTE	27/10/2021	0.93 Lakh
Dr.Jasmine K S	FDP - AICTE-ISTE one week refresher programme on	AICTE	18/11/2021	0.93 Lakh
Bhavana V (Guide: Dr.Nagashree N Rao )	RF fellowship to Bhavana V for the research project	ICMR	18/11/2021	10.81 Lakhs
Dr.Radhakrishna	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST, GoI	03/12/2021	70 Lakhs

Dr.Anupama V Joshi	Financial Sanction under Teachers Associateship for Research Excellence (TARE)	SERB, GoI	07/12/2021	13.05 Lakhs
Dr.Ranganath D	FDP - Renewables and clean energy for industries	AICTE	21/01/2022	0.93 Lakh
Dr.Sreelakshmi K	MODROB	AICTE	21/01/2022	15.97 Lakhs
Dr.Vidya Niranjan	DBT-JRF Program - Fellowship, HRA to Rudrappa Gattu, Biotech & Contingent Grant 1.4.21 to 23.2.22	DBT	17/02/2022	10.20 Lakhs
Dr.Bharatish A	Investigation of Tribological Performane of Laser Surface Text urednickel Aluminium Bronze for Landing Gear Applications	ARDB	18/02/2022	15.83 Lakhs
Dr.Renukadevi M V	Optimization of C&D Waste (Brick & Concrete waste)	VTU	21/02/2022	9 Lakhs

	replacement as aggregates in hollow concrete blocks for unreinforced masonry			
Dr. Ramaa A	Exploratory research on impact of artificial intelligence on procurement in the supply chain	VTU	21/02/2022	4.5 Lakhs

**8. Provide details regarding the composition of the IQAC:**

<ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>	
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**9. No. of IQAC meetings held during the year**

3

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>
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<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
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**10. Did IQAC receive funding from any funding agency to support its activities during the year?****Yes**

<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	14,33,504 Lakh
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**11. Significant contributions made by IQAC during the current year (maximum five bullets)**

Increased usage of online platforms for teaching learning process. Faculty members have learnt and developed skills for effectiveness

in the online mode of teaching. Several training sessions for guiding and empowering the faculty to prepare course material best suited for online teaching students as compared to face to face interactions were conducted. There were more than 6000 hours of online teaching sessions in various courses across the disciplines of engineering were conducted to facilitate the learning requirements of both the Undergraduate (UG) and Post Graduate (PG) students. Faculty have familiarized with both the proprietary tools and open source ICT tools. A team of faculty is continually working on the promotion of ICT tools for teaching learning process. • A separate center for Digital Technologies for Teaching Learning and research is being established on the campus. This center aims to develop infrastructure for digital transformation of the technical education and will take up the task of competence development of faculty and staff in handling the challenges of ICT based teaching learning methodologies as part of the pedagogical tools during the teaching learning sessions being conducted. • Increased focus of research in the several centers of excellence in various areas of engineering/technology and its impact on the social transformation were taken up as continual improvement of Quality of research outcome and research outputs in terms of quality of publications, patents and projects. The following are some of the achievements

1. The Centre of Excellence in Internet of Things with support from M/S CISCO Limited conducted training programs on IoT for faculty and students as well as industry professionals with focus on the basic concepts and to build experiential learning and project based learning approaches among the participants. The use of the web based technologies for conducting regular online teaching, evaluation and assessment of students in project courses and technical seminar courses, conducting workshops and seminars for various profiles of participants like the teaching faculty, industry professionals, research scholars and general public at large was greatly facilitated by the infrastructure setup in this center of excellence. The institution also conducted the online graduation ceremony using the facilities of this center of excellence.
2. Centre of Excellence in SAS (Smart Antenna System) which was established in the last year continues to provide opportunities for cutting edge research in the area of smart antenna systems and also supports other academic institutions and also the industry by way of providing testing and consultancy services on demand basis.
3. Centre of Excellence in computational Genomics- This center shot into prominence because of the increased focus on health care sector. This center has taken up various areas of research in computational genomics and is able provide undergraduate, post graduate and research scholars with opportunities for cutting edge research using the facilities and infrastructure created in this



center of excellence. 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 2021-22 the institution filed 3(three) patents and 6(six) number of patents were published and 08(eight) numbers of patents were granted to the innovators among the faculty and students. 5. 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. The complete cycle of activities to cover the process of annual appraisal which includes the Goal Management- Goal setting and Goal Approval, Continuous performance Management (CPM), Performance review - Launch of appraisal forms, Performance review- Self assessment and Performance review by the concerned manger and reviewers assessment as a comprehensive five stage process for annual performance appraisal which is IT enabled has been implemented in total. Centre of excellence in E Mobility, Centre of excellence in visual computing and Women in Cloud- Centre of Excellence in India were established.

**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>Academic reforms - RVCE, one of the first few technical institutions to implement NEP 2020 in 2021 Curriculum for the students to make them skilled in par with the industry, society and global stakeholders. NEP 2020 Education system awareness was inculcated to all the stakeholders and the faculty members. ICT tools along with participative learning, blended Learning, flipped class room facilitated enhanced effectiveness in the teaching learning process. Assessment &amp; Evaluations through Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) using ICT tools and reduced efforts of the faculty and</p>	<p>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</p>

<p>redundancy.</p>	<p>/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. Digital technologies deployed has enabled digital transformation of the educational process in the institution.</p>
<p>Digital Infrastructure on Campus</p>	<p>The Centre of excellence for digital technologies for teaching learning and research (CDTLR) augmented the digital infrastructure on the campus.</p>
<p>Administrative reforms-Annual appraisal through goal setting for employees.</p>	<p>The use of technology for performance assessment was initiated the last year. One complete cycle of assessment and performance appraisal of employees was carried out using the success factor platform. This includes setting up goals by employees in different grades and cadres and verification of these goals by the Heads of sections and Heads of Departments and divisions. Reporting of performance by the employees, grading and appraisals by the authorities.</p>
<p>Research Innovation &amp; Incubation Reforms-Financial Support for filing patents related to projects with innovative products as outcomes. Promotion of only Scopus indexed publications/ Web of Science/ Science Indexed Journals. Encourage submission of funded research proposals and</p>	<p>Faculty and students are encouraged to publish in Scopus indexed and web of science and Science indexed journals and has helped the faculty and students to improve the quality of publications and increase the citation index. Faculty are actively involved in procuring funded projects and consultancy</p>

<p>consultancy projects to various Government and non-government agencies.</p>	<p>projects from to various Government and non-government agencies. During the year 2021-22 the institution filed 03 patents and 06 number of patents were published and 08 numbers of patents were granted to the innovators among the faculty and students.</p>
<p>Industry - Academia interactions has augmented a partnership with the Industry and the Internships with industry support through Centres of Excellence.</p>	<p>The students are encouraged to carryout internships in industry and in Centres of Excellence and has facilitated the students to inculcate the intricacies of industries and the students have helped the students for better placements. The faculty members are encouraged carryout funded projects and consultancy projects in the respective COEs</p>
<p>Internationalization-Focus on international collaboration&amp; MoU'with Globally renowned institutions.</p>	<p>During the year 2021-2022, MoU's with international institutions and universities of repute with proper action plan has been initiated.</p>
<p><b>13.Was the AQAR placed before the statutory body?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
<p>Name of the statutory body</p>	<p>Date of meeting(s)</p>
<p>Academic Council meeting</p>	<p>28/08/2021</p>
<p><b>14.Was the institutional data submitted to AISHE ?</b></p>	<p><b>Yes</b></p>
<ul style="list-style-type: none"> <li>Year</li> </ul>	

Year	Date of Submission
2022	31/12/2022

### 15. Multidisciplinary / interdisciplinary

RV College of Engineering envisions leadership in technical education and research. Accordingly, the Institution is committed to facilitate research in cutting edge technologies. RVCE has developed twenty three centres of excellence to facilitate interdisciplinary and multidisciplinary research in advanced domains of engineering and technology . By identifying institutional strength, interdisciplinary research areas have been identified, with the emphasis on creating a Unique Selling Point (USP) for the institute. RVCE is looking to contribute to sustainable development as practiced in ancient India and as advocated by the father of the Nation Mahatma Gandhi. The motto is, "Leveraging global knowledge and delivering local solutions". The institution graduated to a teaching and research institution, making use of large number of faculty with doctoral degree on its rolls. Distinguished scientists and leaders in Research in several domains are part of RVCE faculty. Research motivation includes incentivizing faculty to take up sponsored research and consultancy. The institution has to its credit over 1400 National and International Journal publications, completed sponsored research and consultancy projects worth Rs. 30.0 crores in the last three years. The institution has over 50 licensed modelling, analysis and simulation software along with high-end computing infrastructure. Focusing more on research has aided RVCE to file 50 patents, of them 40 have been published and three Patents granted recently. Around 50 - 60 percent of these patents were undergraduate or postgraduate projects. Most of the faculty members are involved in funded projects in the niche areas of IoT, cloud computing, Biotechnology, Robotics, and Mechatronics and thus enhanced their knowledge base. The institution has established Interdisciplinary Research Centre, Incubation Centre, Centre of Excellence in Macroelectronics, Centre of Excellence in Smart Antenna Systems, Centre of Excellence in Computational Genomics and Cisco sponsored Centre of Excellence in Internet of Things, Mercedes Benz sponsored Centre of Excellence in Automotive Mechatronics, Greaves Cotton sponsored Centre of Excellence in e-Mobility, this has facilitated the students to carryout projects, intersnships and faculty members to pursue research and consultancy.

### 16. Academic bank of credits (ABC):

RV College of Engineering has registered in National Securities Depository Limited during 2018-19. Later got enrolled in

NAD(National Academic Depository) in 2020. Around 5000 students of RVCE have enrolled on NAD portal with ABC ID till date

### 17.Skill development:

SKILL LABS RVCE has established different Special Skill labs by investing on infrastructure and Intellectual resources over a period of time, which has resulted in better placement, entrepreneurial skills and higher education potential amongst students. The Competitive and Collaborative world demands skillful human resources who are adaptive, good planners and executers on time.

Sl. No.	Program	Skill Lab Title
1	AI	Data Visualization Tool
2	AS	Basic Fabrication and Service
3	IM	
4	ME	
5	BT	Water Testing & Skill Based lab
6	CH	Basic Skills of Engineering
7	CV	
8	CS	IT Essentials (IT Skills for all)
9	EC	Basic Hardware and Service
10	EE	
11	EI	
12	ET	
13	IS	IT Essentials

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

Indian Knowledge System is promoted as a mandatory course in the first year of UG curriculum in the upcoming syllabus being implemented from 2021-22. All the 1300 students admitted in the year 2021-22 have studied a course on Indian Knowledge Systems.

The faculty are trained through 5 day FDP on IKS at RVCE by inviting experts like Dr. Mahadevan, Mr.Rohith Chakratheerta, Dr. Arthi. The faculty members were deputed to participate in 15-day training programme at IIT Madras conducted by IKS Division under MHRD, New Delhi.

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

RVCE was granted Autonomous Status by the VTU, UGC and Government

of Karnataka in the year 2007 for its undergraduate programs and in the year 2016 for postgraduate programs. Being an Autonomous college affiliated to VTU, RVCE prescribes its own syllabi and academic activities. The institution has implemented Outcome Based Education (OBE) with a focus on ICT and project-based learning to enhance creativity and critical thinking abilities. The institution has introduced experiential learning, Skill based labs, IDEA lab and Design Thinking Labs to motivate students in creative, critical and collaborative thinking with a focus on lifelong learning. The programs are designed with requisite number of foundation courses, advanced courses, SWEBOOK, 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 in the development of skills to implement them. The latest teaching aids from multimedia equipment to simulation techniques ensure a thorough learning process. To provide and build bright future to students, the college regularly invites experts and industry professionals to impart practical skills and lessons to students and industrial visits are encouraged to help the students to grasp the technology at work.

## 20.Distance education/online education:

Although RVCE has contributed as 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 future.

## Extended Profile

### 1.Programme

1.1 29

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2.Student

2.1 5741

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2

**1536**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3

**9618**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### **3.Academic**

3.1

**1226**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2

**342**

Number of full-time teachers during the year:

## Extended Profile

### 1. Programme

1.1	<b>29</b>
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1	<b>5741</b>
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2	<b>1536</b>
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3	<b>9618</b>
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3. Academic

3.1	<b>1226</b>
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	<b>342</b>
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Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
3.3	325	
Number of sanctioned posts for the year:		
<b>4.Institution</b>		
4.1	331	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	123	
Total number of Classrooms and Seminar halls		
4.3	2849	
Total number of computers on campus for academic purposes		
4.4	1446.64371	
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.

Our program curricula are meticulously designed to align with our college's mission statements, following the Program Educational Objectives and Program Outcomes. The Board of Studies thoroughly evaluates these curricula and courses before they receive final approval from the Academic Council.

At the local and regional levels, our courses empower students to analyze and address specific needs, offering practical solutions rooted in their engineering knowledge. These courses integrate

real-life experiences, allowing students to actively participate in the development of Bangalore city. Examples of these activities include contributing to the city's transformation into a smart city, conducting traffic analysis, and strategically placing e-charging stations.

Additionally, our entrepreneurship courses play a crucial role in elevating the socioeconomic status of the region. Many of these courses leverage industry expertise and include industrial visits to expose students to real-world challenges. Some courses are specifically designed to enhance students' technical and entrepreneurial skills, aligning with the Start-up India policy to improve their employability.

As part of our comprehensive approach to education, co-curricular and extra-curricular activities are mandatory components of our curriculum. These activities contribute to the holistic development of our students and have a positive impact on meeting both national and global developmental needs.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	Nil

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

13

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
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

1625

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
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

106

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

13

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 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

Curriculum encompass crucial areas such as professional ethics,

gender sensitivity, human values, environmental consciousness, and sustainability. In line with its commitment to societal progress, the institution aligns with the SDGs and diligently adheres to the guidelines set forth by the AICTE and the NEP 2020. According to implementation of NEP 2020, IDEA Lab, Design thinking lab is brought in to foster the critical thinking in students. Integration of Liberal Arts to the Engineering curriculum is brought through the basket of Ability Enhancement Courses where the students can pursue their passion.

The curriculum is structured to encompass a broad spectrum of components that comprises domain-specific foundational courses in science and mathematics, elective courses, mandatory courses, and an eclectic selection of subjects like Indian Knowledge System, Yoga, Universal Human Values. A noteworthy aspect is the emphasis on experiential learning, which accounts for a substantial 40% of the assessment process, thereby equipping students to confront real-world challenges with confidence.

RVCE also places significant importance on skill development, offering dedicated skill labs, mandatory internships, technical training, workshops, and collaborative projects with industries. The curriculum extends its coverage to vital areas such as the Constitution of India, professional ethics, management and finance, research methodology, communicative English, and professional development training.

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

6

File Description	Documents
List of value-added courses	<a href="#">View File</a>
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****414**

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	No File Uploaded

**1.3.4 - Number of students undertaking field work/projects/ internships / student projects****3158**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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	<a href="http://103.117.238.207/NAAC_AQAR/2021-22/CRITERION1/Consolidated_2_2022.pdf.com/drive/folders/1T_pga2iVWqbEwSpenZfdi65dDINvUfsR?usp=sharing">http://103.117.238.207/NAAC_AQAR/2021-22/CRITERION1/Consolidated_2_2022.pdf.com/drive/folders/1T_pga2iVWqbEwSpenZfdi65dDINvUfsR?usp=sharing</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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	<a href="http://103.117.238.207/NAAC_AQAR/2021-22/CRITERION1/Consolidated_2_2022.pdfhttps://drive.google.com/drive/folders/1T_pga2iVWqbEwSpenZfdi65dDINvUfsR?usp=sharing">http://103.117.238.207/NAAC_AQAR/2021-22/CRITERION1/Consolidated_2_2022.pdfhttps://drive.google.com/drive/folders/1T_pga2iVWqbEwSpenZfdi65dDINvUfsR?usp=sharing</a>
Any additional information	<a href="#">View File</a>

### 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

1467

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

##### 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)

274

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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	<a href="#">View File</a>
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2022	5741	342

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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 by creating a separate section of students called SPARK( STUDY THROUGH PROJECTS and ACTIVITY for RENEWING KNOWLEDGE). 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, 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. Teaching methods were leaped through flipped class room, virtual labs, role-play, interactive quizzes. 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. 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	<a href="#">View File</a>
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	<a href="https://home.quiklrn.com/">https://home.quiklrn.com/</a>
Upload any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

## 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	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

342

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
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

250

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	<a href="#">View File</a>
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)

4950

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
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

31

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
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

518

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
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	<a href="#">View File</a>
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

1. Displayed at prominent places in the institute, such as Corridors, Laboratories, Principal Chamber, administrative office, Seminar Halls, and library.

2. It gets published with handbooks, syllabus copies, lab manuals, attendance register, institution's annual diary, calendar and conference/workshop proceedings/posters/brochures. It is also displayed on the institution website (<http://www.rvce.edu.in/history>)

3. Disseminated to all the stakeholders of the programs through faculty meetings, student awareness workshops, student induction programs, BoS, academic council meetings as well as through emails.

4. Displayed at prominent places in the Department of Computer Science and Engineering such as corridors, laboratories, HoD chamber, notice boards, department library and seminar hall.

5. It gets published with handbooks, syllabus copies, lab manuals, attendance register and conference/workshop proceedings/posters/brochures. Displayed on the institution website: department webpage ([http://rvce.edu.in/cs-about\\_the\\_department](http://rvce.edu.in/cs-about_the_department))

6. Disseminated to all the stakeholders of the programs through faculty meetings, student awareness workshops, student induction programs, BoS and industry institute interaction.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
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 80% CIE, 80% 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	<a href="#">View File</a>
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

1580

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

<b>2.7 - Student Satisfaction Survey</b>
<b>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</b>
<a href="https://rvce.edu.in/sites/default/files/Exitsurvey2021-22_compress_ed.pdf">https://rvce.edu.in/sites/default/files/Exitsurvey2021-22_compress_ed.pdf</a>
<b>RESEARCH, INNOVATIONS AND EXTENSION</b>
<b>3.1 - Promotion of Research and Facilities</b>
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
<p>RV College of Engineering envisions leadership in technical education and research. Accordingly, the Institution is committed to facilitate research in cutting edge technologies. RVCE has developed twenty three centres of excellence to facilitate interdisciplinary and multidisciplinary research in advanced areas such as interdisciplinary Research Centre with advanced infrastructure for fabrication and characterisation of advanced coatings and thin films. The Institute has well defined policy for research, consultancy and IPR to promote research and innovation. The Institution has been supporting innovation through innovative projects in which they build systems such as racing cars, all-terrain vehicles and robots and compete in international competitions and have been winning awards. The faculty are vibrantly engaged in projects sponsored by organisations such as DST, DBT, UGC, AICTE, NRB, ARB, DRDO, BIRAC, DSIR, DAE, ISRO, VTU, VGST and DRDO. The institute has research centres recognised by VTU, Belagavi in most of the Engineering and Science departments in which around 350 research scholars are pursuing Ph.D. studies under VTU, Belagavi. RVCE has faculty strength of 350 and over 70 % of them are doctorates and 175 faculty members are recognised for guiding Ph.D. studies by VTU, Belagavi. Research infrastructure is developed through departmental R&amp;D budget, allocations for Interdisciplinary Research Centre (IDRC) and Centres of Excellence. Research infrastructure is also enriched through sponsored projects and consultancy undertaken by the faculty.</p>

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://rvce.edu.in/sites/default/files/Institution%20Research%20Policy.pdf">https://rvce.edu.in/sites/default/files/Institution%20Research%20Policy.pdf</a>
Any additional information	<a href="#">View File</a>

### 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)

1.74 Lakhs

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
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

2

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	No File Uploaded



<b>3.2 - Resource Mobilization for Research</b>	
<b>3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)</b>	
<b>256 Lakhs</b>	
File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
<b>3.2.2 - Number of teachers having research projects during the year</b>	
<b>24</b>	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://rvce.edu.in/sites/default/files/Sponsored%20Research%20Projects%202018-2023.pdf">https://rvce.edu.in/sites/default/files/Sponsored%20Research%20Projects%202018-2023.pdf</a>
List of research projects during the year	<a href="#">View File</a>
<b>3.2.3 - Number of teachers recognised as research guides</b>	
<b>160</b>	
File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<b>No File Uploaded</b>
<b>3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year</b>	
<b>12</b>	

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://rvce.edu.in/sites/default/files/Sponsored%20Research%20Projects%202018-2023.pdf">https://rvce.edu.in/sites/default/files/Sponsored%20Research%20Projects%202018-2023.pdf</a>
Any additional information	<a href="#">View File</a>

### 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.

The Institution has cultivated a thriving ecosystem dedicated to research and innovation. This includes the establishment of various specialized centers such as the Interdisciplinary Research Center (IDRC), Incubation Center, and Centers of Excellence covering a wide range of domains. These domains encompass Computational Genomics, Vehicle Automation, Automotive Mechatronics, EV Laboratory, High-Performance Computing, Quantum Computing, AI and Machine Learning, Supply Chain Management, Digital Manufacturing, Hydraulics and Pneumatics, Smart City Technologies, Sensors and Application Devices, Nanomaterials & Devices, and Integrated Circuits.

Innovation flourishes within the institution through the collaborative efforts of student innovation teams, which include Ashwa, Helios, Chimera, Garuda, Solar Car, Jatayu, Krishi, Antariksh, Frequency Club, Hydra, and Coding Club. These teams work collectively to drive creativity and forward-thinking solutions.

The institution also actively supports incubation endeavors, providing essential resources such as laboratory facilities and financial support to nurture proof of concept into functional prototypes.

Furthermore, the institution places significant emphasis on Intellectual Property Rights (IPR) education, introducing a mandatory course on IPR during the third year of the undergraduate curriculum. Entrepreneurship is actively promoted through focused initiatives, including awareness camps, business plan contests,

innovation workshops, and internship fairs, fostering a culture of innovation and entrepreneurship among its students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rvce.edu.in//rvce-patent-details">https://rvce.edu.in//rvce-patent-details</a> <a href="https://rvce.edu.in/rvce-center-excellence">https://rvce.edu.in/rvce-center-excellence</a>

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

15

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

A. All of the above

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

<b>3.4.2.1 - Number of PhD students registered during the year</b>	
10	
File Description	Documents
URL to the research page on HEI website	<a href="https://rvce.edu.in/sites/default/files/research%20guides.pdf">https://rvce.edu.in/sites/default/files/research%20guides.pdf</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	No File Uploaded
<b>3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year</b>	
Nil	
File Description	Documents
List of research papers by title, author, department, and year of publication	No File Uploaded
Any additional information	No File Uploaded
<b>3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year</b>	
31	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
<b>3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed</b>	
<b>3.4.5.1 - Total number of Citations in Scopus during the year</b>	
1328	

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 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

12

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
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)

150.2 Lakhs

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

206 Lakhs

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
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

The National Cadet Corps (NCC) at RV College of Engineering (RVCE) in collaboration with Raag and Retract, organized a highly successful annual blood donation camp. The event saw participation from 13 blood banks across Bengaluru, including Lions Club, NIMHANS, and the Indian Red Cross Society. These drives resulted in the collection of over 800+ units of blood every year, marking a significant contribution to the city's healthcare system.

In addition to the blood drive, an awareness walk was conducted a day prior around the campus and nearby localities. This initiative aimed to educate the community about the importance of blood donation and encourage participation in the drive. The success of this event underscores the power of community engagement in addressing critical healthcare needs.

Collaborative awareness Drive: NCC Cadets of RVCE and RVU at Government High School - Anevent unfolded at the Government High School premises, as NCC cadets from R.V. College of Engineering (RVCE) came together for a awareness drive. This effort aimed to promote environmental consciousness and engage students in a hands-on experience of plantation.

Lake cleaning programme

The National Cadet Corps (NCC) unit at RV College of Engineering has been organizing lake cleaning activities year on year to

contribute to environmental conservation and foster community engagement. 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	<a href="#">View File</a>
Paste link for additional information	Nil

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

40

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

### 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)

11

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

362

File Description	Documents
Reports of the events	<a href="#">View File</a>
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**

646

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
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)**

16

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
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 equipped with LCD projectors for conducting theory classes.

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



**Seminar Hall:** The College has multiple seminar halls. 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. All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Labs have sufficient licenced software and open source tools to cater the requirements of curriculum & industry enabled teaching.

**Wi-Fi:** The entire campus is Wi-Fi enabled with 24/7 internet facilities 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 which provide accomadation for around 1200 students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.rvce.edu.in/infra">https://www.rvce.edu.in/infra</a>

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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

144

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

1430.06

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
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 the year 1963 and is currently with five technical staff - library science professionals and five non-technical staff. The library has a vast collection of books, reference books, bound volumes, technical national and international journals, e-books, e-journals, encyclopaedias and other multimedia resources, document collection volume is 183616 and titles 59988.

Procurement of Books and Renewal of Journals / Software - All book procurement and renewal of journals and software are carried out through the SAP Material Management module for books and renewal and new subscriptions are done through SAP Service Module.

e-Resources from VTU Consortium: Library is a consortia member of VTU for e-Resources, through which we are receiving e-Journal/ e-Books: Technology Platform: Turnitin Anti Plagiarism Software.

Remote Access Platform: Map my Access

<https://rvceb.knimbus.com/user#/home> (for browsing e-resources outside campus)

National Print Journals -The journal collections cover the entire undergraduate and post-graduate subjects as recommended by the Head of the Department. A total of 233 print journals are made available to the readers in the main library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://112.133.207.137/opac/opac01/">http://112.133.207.137/opac/opac01/</a>

<b>4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources</b>	<b>A. Any 4 or more of the above</b>								
<table border="1"> <thead> <tr> <th data-bbox="86 353 529 421">File Description</th> <th data-bbox="529 353 1436 421">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 421 529 600">Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership</td> <td data-bbox="529 421 1436 600" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 600 529 698">Upload any additional information</td> <td data-bbox="529 600 1436 698" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>	Upload any additional information	<a href="#">View File</a>			
File Description	Documents								
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>								
Upload any additional information	<a href="#">View File</a>								
<b>4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)</b>									
<b>58.08</b>									
<table border="1"> <thead> <tr> <th data-bbox="86 909 529 976">File Description</th> <th data-bbox="529 909 1436 976">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 976 529 1043">Audited statements of accounts</td> <td data-bbox="529 976 1436 1043" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 1043 529 1111">Any additional information</td> <td data-bbox="529 1043 1436 1111" style="text-align: center;"><b>No File Uploaded</b></td> </tr> <tr> <td data-bbox="86 1111 529 1276">Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td> <td data-bbox="529 1111 1436 1276" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Audited statements of accounts	<a href="#">View File</a>	Any additional information	<b>No File Uploaded</b>	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>	
File Description	Documents								
Audited statements of accounts	<a href="#">View File</a>								
Any additional information	<b>No File Uploaded</b>								
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>								
<b>4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)</b>									
<b>4.2.4.1 - Number of teachers and students using the library per day during the year</b>									
<b>41</b>									
<table border="1"> <thead> <tr> <th data-bbox="86 1523 529 1590">File Description</th> <th data-bbox="529 1523 1436 1590">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1590 529 1680">Upload details of library usage by teachers and students</td> <td data-bbox="529 1590 1436 1680" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="86 1680 529 1738">Any additional information</td> <td data-bbox="529 1680 1436 1738" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Upload details of library usage by teachers and students	<a href="#">View File</a>	Any additional information	<b>No File Uploaded</b>			
File Description	Documents								
Upload details of library usage by teachers and students	<a href="#">View File</a>								
Any additional information	<b>No File Uploaded</b>								
<b>4.3 - IT Infrastructure</b>									
4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities									
<p><b>Embracing the 802.11ax standard, Institution's WiFi infrastructure provides advanced connectivity. Over 250 access points are strategically positioned indoors and outdoors. The network</b></p>									

incorporates of a partial 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.

Additional bandwidth of 400 taken totalling 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 aong with .260 cameras and 20 network video recorders, contributes to a secure campus environment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rvce.edu.in//Campus-IT-Infrastructure">https://rvce.edu.in//Campus-IT-Infrastructure</a>

**4.3.2 - Student - Computer ratio**

Number of Students	Number of Computers
5741	2849

File Description	Documents
Upload any additional information	<a href="#">View File</a>

<b>4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus</b>	<b>A. 750 Mbps</b>								
<table border="1"> <thead> <tr> <th data-bbox="76 306 539 376">File Description</th> <th data-bbox="539 306 1445 376">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 376 539 483">Details of bandwidth available in the Institution</td> <td data-bbox="539 376 1445 483" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="76 483 539 589">Upload any additional information</td> <td data-bbox="539 483 1445 589" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Details of bandwidth available in the Institution	<a href="#">View File</a>	Upload any additional information	<b>No File Uploaded</b>			
File Description	Documents								
Details of bandwidth available in the Institution	<a href="#">View File</a>								
Upload any additional information	<b>No File Uploaded</b>								
<b>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</b>	<b>B. Any three of the above</b>								
<table border="1"> <thead> <tr> <th data-bbox="76 884 539 954">File Description</th> <th data-bbox="539 884 1445 954">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 954 539 1061">Upload any additional information</td> <td data-bbox="539 954 1445 1061" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="76 1061 539 1211">Paste link for additional information</td> <td data-bbox="539 1061 1445 1211" style="text-align: center;"><a href="https://rvce.edu.in//Campus-IT-Infrastructure">https://rvce.edu.in//Campus-IT-Infrastructure</a></td> </tr> <tr> <td data-bbox="76 1211 539 1317">List of facilities for e-content development (Data Template)</td> <td data-bbox="539 1211 1445 1317" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Upload any additional information	<a href="#">View File</a>	Paste link for additional information	<a href="https://rvce.edu.in//Campus-IT-Infrastructure">https://rvce.edu.in//Campus-IT-Infrastructure</a>	List of facilities for e-content development (Data Template)	<a href="#">View File</a>	
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Upload any additional information	<a href="#">View File</a>								
Paste link for additional information	<a href="https://rvce.edu.in//Campus-IT-Infrastructure">https://rvce.edu.in//Campus-IT-Infrastructure</a>								
List of facilities for e-content development (Data Template)	<a href="#">View File</a>								
<b>4.4 - Maintenance of Campus Infrastructure</b>									
<b>4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)</b>									
<b>1446.64</b>									
<table border="1"> <thead> <tr> <th data-bbox="76 1585 539 1655">File Description</th> <th data-bbox="539 1585 1445 1655">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="76 1655 539 1715">Audited statements of accounts</td> <td data-bbox="539 1655 1445 1715" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="76 1715 539 1823">Upload any additional information</td> <td data-bbox="539 1715 1445 1823" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Audited statements of accounts	<a href="#">View File</a>	Upload any additional information	<a href="#">View File</a>			
File Description	Documents								
Audited statements of accounts	<a href="#">View File</a>								
Upload any additional information	<a href="#">View File</a>								
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.									
<b>At the RV College of Engineering, we ensure to practice IT policies (refer attached document) and procedures to create, maintain and upgrade the Infrastructure for enhancing the</b>									

Teaching, Learning processes, library, sports and other supporting facilities regularly.

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](http://172.16.2.112/IT_Maintenance/Complain-Management-System/login.php)

Environmental Audit, Disability Audit, Energy Audit have been ensured by an external agency from time to time to follow the standard procedures for maintaining and utilizing physical, academic and support facilities.

**Computers & Peripherals, Network Infrastructure:**

Preventive / Routine maintenance is handled by the respective department technical staff.

Breakdown maintenance is handled by the IT maintenance cell.

**Servers:** Hardware Maintenance of Servers has been outsourced.

**Services:** All IT Services are managed internally with some minor external vendor/ OEM support.

**Software:** Apart from the perpetual licenses the other software are regularly renewed with the respective vendors.

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File Description	Documents
Upload any additional information	<a href="#">View File</a>
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

1604

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
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**

186

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

**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	<a href="https://rvce.edu.in/">https://rvce.edu.in/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

600



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)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

1116

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded

### 5.2.2 - Number of outgoing students progressing to higher education

98

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	<a href="#">View File</a>
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

62

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
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

40

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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

Two students are in Antiragging Committe and 42 UG, 27 PG students are in Placement Cell at college Level

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

10

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
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. The Association (AARVCE) is regularly planning and executing meaningful events in the institution through the departments in fulfilling its vision.

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. The Saarthaka Trust, overseen by alumni of the Civil Department, is providing financial support to underprivileged students, offering scholarships totaling Rs. 2,90,000 in the year 2021-22.

In addition the alumni association annually sponsors a Silver Medal valued at Rs. 1,00,000. Furthermore, numerous alumni actively participate as Board of studies (BOS) members in various departments. These dedicated alumni contribute by delivering expert talks, organizing training workshops and facilitating skill

development programs to enhance our student's employability. Along with this they generously assist in arranging industry tours for students. In addition to these efforts, 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. 2,00,000.

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 26000+Alumni.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**5.4.2 - Alumni's financial contribution during the year**

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

The governance of the institution begins with the formulation of the vision and strategic planning and the stakeholders were involved in formulating the vision statement. The leadership of the institution work towards meeting the aspirations of the vision framed. Based on the vision the mission statements for the institution has been derived. The following are the vision and mission statemnets of the institution along with core values and Quality policy.

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 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.

**VALUES:**

- To inculcate a strong sense of honesty, commitment to quality, ethics, team work and adapting and respecting the institutional and local culture
- A general sense of civility and decency in one's communication, appearance and behavior

**QUALITY POLICY:**

Excellence in Technical Education, Interdisciplinary Research and Consultancy through Outcome Based Curricula focusing on Continual Improvement by Benchmarking with Global Practices and beyond stake holders expectations

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.rvce.edu.in/sites/default/files/STRATEGIC%20DEVELOPMENT%20PLANS/RVCE%20Document_2017.pdf">https://www.rvce.edu.in/sites/default/files/STRATEGIC%20DEVELOPMENT%20PLANS/RVCE%20Document_2017.pdf</a>

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

RV College of engineering has a well-set and established system of Decentralization and Participative Management. The institution

involves all the stakeholders in a participative manner in the decision-making process by framing guidelines rules regulations to ensure the smooth and systematic functioning of the institute. The principal provides leadership for the academic administration and creates an effective environment conducive to teaching learning. The institution practices decentralization for the effective growth of the institution. To highlight two areas of decentralization, the two best practices are one related to the planning and conduction of academic activities. In this area, the Dean of academics takes up the leadership position and ensures that the academic calendar is announced well in advance for the benefit of all the faculty and students. In this regard, the Dean of Academics Consults the Principal, and Vice Principal, as well as the Controller of Examination through convening meetings with them. All the considerations for academic, co-curricular, and extracurricular activities are considered while framing the academic calendar. Accordingly, the academic calendar for this academic year 2021-2022 was framed and circulated with due approval by all the authorities.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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

The institution effectively deploys its perspective plan, ensuring efficient functioning of its various bodies and adherence to policies, administrative setup, appointment procedures, and service rules. The principal, as the institution's head, manages academic administration through statutory/non-statutory bodies. The organizational structure and decision-making processes are in place, emphasizing overall effectiveness.

A SWOC (Strengths, Weaknesses, Opportunities, and Challenges) analysis is conducted to meet stakeholder expectations, including

management, leadership, faculty, students, parents, industry, and society. Institutional strategic goals align with the vision, mission, core values, and environmental factors. These goals encompass research, innovation, entrepreneurship, extracurricular activities, and teaching and learning.

The governance structure ensures participation of leading academicians and industry professionals to uphold institutional traditions and viability. Strategic development, aligned with the institution's vision and mission, involves a well-defined framework, dynamic leadership, and decentralized administration. It encompasses industry-institute relationships, quality assurance, alumni interactions, community engagement, and global initiatives to attract foreign students and collaborate with international universities.

Committee members at the institute level, including the governing body, chairman, principal, HoDs, faculty, and staff, are identified for strategy implementation. Metrics are used to measure talent acquisition, student quality, placement rates, and curriculum quality.

In summary, the institution's governance and strategic development processes are aligned to foster excellence in education, research, industry engagement, and global partnerships.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.rvce.edu.in/strategic-development-plan">https://www.rvce.edu.in/strategic-development-plan</a>
Upload any additional information	<a href="#">View File</a>

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

The institution governance is managed through various administrative bodies such as: Governing Body: The Governing Body

of the institution consists of academicians, policy makers, industrialists, philanthropists and nominated student members. This helps in balanced policy making, utilization of funds and student as well as staff welfare measures. Academic Council: The Board of Studies (BoS) is the basic constituent of the academic system of an Institute. Its functions will include framing the content of various programmes / courses, reviewing and updating the content from time to time, introducing new programmes / courses of study etc. Finance Committee: The finance committee is entrusted with protecting and renewing the institution's resources and assisting the board fulfilling its financial responsibilities. The committee reviews and prepares budget proposal under the direction of the head of the institution which is forwarded to the Governing body for approval. Board of Studies: The Board of Studies (BoS) is the basic constituent of the academic system of an Institute. Its functions will include framing the content of various programmes / courses, reviewing and updating the content from time to time, introducing new programmes / courses of study etc. It reviews and revises the curriculum and matters related to academics.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.rvce.edu.in/key-executives">https://www.rvce.edu.in/key-executives</a>
Upload any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
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

**Performance appraisal system:** The institution has a structured performance appraisal system in place to assess and review the job performance of employees. The structured process that evaluates all employee's job performance and contributions over a period of one year. Main aim of this performance appraisal system is to provide feedback to employees regarding their strengths, areas for improvement and contributions to the organization. Performance evaluation done at the end of specific period usually semi annually to evaluate the employees performance against the goal and expectations set earlier, assessing achievements through a self-appraisal mechanism, Evaluation of performance by the respective reporting managers, providing feedback on performance to individual employees and collaboratively identifying areas for improvement, development plans based on the appraisal results organizations can identify areas where employees need development and create plans to enhance their skills, knowledge, and performance, rewards for performance appraisal outcomes. The currently implemented effective appraisal system has contributed to employee growth, engagements, helped the institution gauge the strengths and weaknesses of its employees, align individual goals with institutional objectives, and make informed decisions regarding promotions, rewards, and professional development opportunities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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**

16

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)	<a href="#">View File</a>

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

24

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
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.)

359

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
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: 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 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). The financial records are audited by qualified chartered accountants at the end of each financial year. The financial records that are certified include income and expenditures, balance sheet and prepared notes to the accounts are certified. The Institution also publishes audited financial statements on the institution's website as information for the public.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.rvce.edu.in/sites/default/files/AFS%202021-2022.pdf">https://www.rvce.edu.in/sites/default/files/AFS%202021-2022.pdf</a>

#### 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)

10.28556

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

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

There is encouragement for faculty members to apply for funding

from various Government agencies and Private funding agencies to augment the financial resources. 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.

The college prepares institutional level budget every year taking into account the various components such as: Construction and maintenance of buildings., Providing laboratory facilities (Recurring and non-recurring), Research and Development activities, Sponsoring faculty members for seminars, workshops and conferences, Purchase of books and subscribing for journals in the library, Internet and Wi-Fi connectivity on the campus electricity and telephone charges, Conducting college functions such as Inauguration Day, Sports Day and Graduation Day, Reimbursement of expenses incurred towards presenting research papers in conferences held abroad.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.rvce.edu.in/sites/default/files/AFS%202021-2022.pdf">https://www.rvce.edu.in/sites/default/files/AFS%202021-2022.pdf</a>

## 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 acts as a nodal agency of the institution for quality improvement related initiatives and continuously monitors the academic activities to enhance the overall quality of education and services provided by the institution. IQAC is actively involved in preparing the self-study reports for the institutional and program level accreditation process through national accreditation bodies such as NAAC and NBA. The institution takes pride in participating in

the National Institutional Ranking Framework. Recently the institution participated in the International Ranking Process through the QS I gauge agency. The IQAC also supports the affiliation process seeking AICTE Approval for all the courses on an annual basis. The IQAC played a crucial role in obtaining graded autonomy from the University Grants Commission.

Incremental Improvements made :

In the second cycle, IQAC committee was formulated and the following activities are taken place

The IQAC played an important role in the following Ranking process

1. NIRF - RVCE secured 77in Engineering category
2. THE World University ranking- RVCE secured 1500+ Ranking in this
3. QS IGAUGE- RVCE received DIAMOND University Rating

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rvce.edu.in//iqac">https://rvce.edu.in//iqac</a>

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

The institution reviews its teaching learning process, structures, methodologies of operations through Academic Auditing - IQAC.

Academic auditing via the IQAC is a comprehensive process in which each academic department conducts a Self-Evaluation Report, reviewed by an Audit team comprising faculty and experts. The audit encompasses various facets, including curriculum, teaching methods, assessments, research, and more. Importantly, it involves direct interaction with faculty and students to gauge practical implementation and engagement.

The interaction phase is pivotal, fostering idea exchange and constructive feedback. Post-audit, a detailed report is generated,

synthesizing findings and offering commendations, areas for improvement, and actionable recommendations. This report empowers departments to assess strengths and weaknesses objectively.

Following a collaborative approach to continuous improvement, the report is shared with the department, initiating a feedback and corrective action cycle. This enables targeted enhancements aligned with the institution's pursuit of academic excellence.

Areas covered during the audit include student academic performance, attendance, syllabus coverage, ICT integration, course file maintenance, lab-related matters, faculty development, and student extracurricular activities. Outcomes are scrutinized for corrective measures.

In summary, academic auditing through the IQAC ensures a holistic review of teaching and learning processes, promoting a culture of reflection, adaptation, and growth within the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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	<a href="https://www.rvce.edu.in/mandatory-disclosure">https://www.rvce.edu.in/mandatory-disclosure</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 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

To promote gender equality the following initiatives are taken:

- **Fostering Inclusivity and Gender Equity:** RVCE adopts inclusive approach which does not discriminate based on gender, caste, language.
- **Gender Sensitization Workshops:** RVCE has been organizing training session annually towards sensitizing students, faculty, and staff about gender issues and biases.
- **Creating Safe Spaces:** RVCE has provided common rooms with CCTV facility, creating safe spaces on campus for both staff and students.
- **Anti-Harassment Policies:** The institution has constituted College Internal Compliance Committee(CICC) according to the guidelines of UGC and VTU to prevent gender-based harassment, discrimination, or misconduct.
- **Diversity and Inclusion Initiatives:** RVCE have taken steps to promote diversity and inclusion by actively recruiting, encouraging and retaining woman faculty and staff.
- **Scholarships and Grants:** Instituting scholarships, financial support specifically by industries aimed at supporting female students in pursuing engineering education can encourage more gender diversity in traditionally male-dominated fields. Women achievers in the field of sports, academics, research etc., are encouraged by providing awards/ incentives.
- **Promotion of Women in Cloud:** The institution has organized events that highlights the achievements of women in the IT

fields.

- **Awareness Campaigns:** RVCE has organized awareness campaigns during events like International Women's Day through Women In Engineering(WIE)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
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	<a href="#">View File</a>
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)**

**Effective Solid Waste Management Practices:** At the Institute, a Tri-Bin system efficiently separates recyclable and biodegradable waste. Professional contractors manage waste collection, with recyclables handled by Lucky Enterprises, Bengaluru, as stipulated in the MoU.

**Sustainable Sewage Treatment and Water Utilization :** Sewage Treatment Plant (STP) is installed and operated with a KLD capacity in the institute and Hostel. The quality of treated water is periodically tested in the Dept of Biotechnology as per the CODAL standards before using it further.

**Dispensary's Biomedical Waste:** Bio-medical waste originating from the college dispensary is meticulously segregated and collected in dedicated bins. Subsequently, it is handled in strict adherence to the guidelines outlined by the Karnataka State Pollution Control Board for Biomedical Waste Management.

**Effective E-Waste Handling and Practices:** E-waste management Bins



are provided across the campus to collect the E-waste from all the departments.

**Efficient Waste Recycling Approach** The institute employs a robust waste recycling strategy, showcasing its commitment to sustainability.

**Management of Hazardous Chemicals and Radioactive Waste:** Laboratory-generated hazardous chemicals are responsibly disposed of following Material Safety Data Sheet guidelines. Liquid chemicals from the Chemistry and Environmental Engineering Labs adhere to MSDS norms during disposal

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

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

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

B. Any 3 of the above

**5. Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
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**

<p><b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> <li><b>5. Beyond the campus environmental promotional activities</b></li> </ol>	<b>B. Any 3 of the above</b>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p><b>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,</b></p>	<b>A. Any 4 or all of the above</b>
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**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	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</b>

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).

RV College of Engineering has undertaken robust institutional efforts and initiatives to cultivate an inclusive environment that emphasizes tolerance, harmony, and appreciation for diversity across cultural, regional, linguistic, and communal backgrounds. The institution recognizes the importance of fostering an atmosphere where individuals from various socioeconomic strata can thrive together.

To achieve this, the college places significant emphasis on sensitizing both students and employees to their constitutional obligations, values, rights, duties, and responsibilities as citizens. This involves multifaceted approaches:

1. Cultural and Diversity Programs (Ethnic day) :
2. Language and Regional Integration:
3. Community Outreach and Engagement:
4. Constitutional Education:
5. Workshops and Seminars (Induction program)
6. Student Organizations and Clubs
7. Faculty Development Programs
8. Collaborative Projects

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

Through various activities, RVCE places a strong emphasis on inculcating values that foster responsible citizenship, aligning with the principles enshrined in the Constitution of India.

- **Curriculum Integration:** The integration of constitutional values and responsibilities into the academic curriculum serves as a foundational pillar in RVCE's approach.
- **Seminars and Workshops:** To augment the courses offered, seminars and workshops are organized to facilitate discussions around constitutional values.
- **Constitution Day Celebrations:** RVCE commemorates Constitution Day along with Republic day and Independence day with enthusiasm. Through discussions, with eminent leaders/speakers, lectures, and interactive sessions, students and staff reflect on the significance of the Constitution and its relevance in contemporary times.
- **Ethics and Citizenship Clubs:** RVCE has different student clubs, which provide a platform for students centered around constitutional values and responsibilities.
- **Legal Literacy Programs:** RVCE collaborates with legal experts and NGOs to organize legal literacy programs.
- **Civic Awareness Campaigns:** The institution conducts awareness campaigns on voter education, environmental conservation, and social justice.
- **Guest Lectures by Role Models:** RVCE invited distinguished individuals who have made significant contributions to society to deliver guest lectures.
- **Volunteer Initiatives:** RVCE encourages students to volunteer with organizations working on various social issues.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
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	<a href="#">View File</a>
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	<a href="#">View File</a>

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

Over the past five years, RVCE has actively embraced the celebration and organization of various national and international commemorative days, events, and festivals.

- Independence Day and Republic Day Celebrations: RVCE pays tribute to India's sovereignty by organizing events on Independence and Republic Day.
- Constitution Day Observance: In line with the constitutional principles, RVCE commemorates Constitution Day to encourage and create awareness.

- **International Women's Day:** RVCE actively participates in International Women's Day celebrations, advocating gender equality and empowerment.
- **World Environment Day:** RVCE takes environmental responsibilities seriously and observes World Environment Day with enthusiasm by implementing tree plantation drives and clean-up campaigns.
- **Blood Donation Camps:** RVCE demonstrates its commitment to community welfare by organizing blood donation camps.
- **Technical and Cultural Fests:** RVCE hosts vibrant technical and cultural festivals that showcase talents and creativity.
- **International Days:** RVCE celebrates various international days to raise awareness about global issues.
- **RVCE embraces the diversity by celebrating festivals representing various cultures and traditions.**
- **Awareness Campaigns:** The institution takes advantage of national and international days to raise awareness about critical issues.
- **Entrepreneurship and Innovation Events:** RVCE encourages innovation and entrepreneurship through events like hackathons and innovation challenges.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
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

RVCE has implemented a commendable best practice focused on fostering entrepreneurship and innovation among its students. This approach acknowledges the importance of preparing students for the real-world challenges they will face and equipping them with skills beyond traditional academics.

ü **Startup Incubation:** RVCE has established a dedicated startup incubation center that empowers student entrepreneurs by providing resources, mentorship, and infrastructure, resulting in the

incubation of numerous successful startups.

ü **Startup Success Stories:** RVCE students' startups have achieved national and international recognition across various sectors, showcasing the college's commitment to nurturing innovation.

ü **Entrepreneurship Ecosystem:** The institution has built a robust entrepreneurship ecosystem, organizing workshops, seminars, hackathons, and pitch events.

ü **Interdisciplinary Collaboration** RVCE promotes interdisciplinary collaboration among students from diverse engineering backgrounds, fostering creativity and increasing the potential for groundbreaking innovations.

ü **Research and Development:** RVCE actively supports research and development projects leading to innovative solutions and patents, encouraging students to engage in cutting-edge research with real-world applications.

ü **Alumni Contributions:** The college benefits from a strong alumni network of successful entrepreneurs who continue to support and mentor current students, enriching the entrepreneurial ecosystem.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	<a href="https://rvce.edu.in//hand-book">https://rvce.edu.in//hand-book</a>

### 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)

- **Academic Excellence:** RVCE has historically been recognized for its strong academic programs in various engineering disciplines.
- **Research and Innovation:** RVCE has been involved in research and innovation activities contributing to various research projects and publications.
- **Campus and Facilities:** The college's campus and infrastructure, including modern laboratories, libraries, and other amenities, have contributed to its appeal to students and faculty alike.

- **Industry Partnerships:** RVCE has established collaborations with industry partners, which can provide students with practical exposure and opportunities for internships, projects, and placements.
- **Entrepreneurship and Incubation:** RVCE has promoted entrepreneurship and innovation through initiatives such as startup incubators, innovation challenges, or entrepreneurship courses.
- **Student Activities and Clubs:** Vibrant student clubs, technical societies, cultural groups, and sports teams provide a unique student experience and contribute to the distinct identity.
- **Alumni Achievements:** Alumni who excel in their fields contribute positively to society thereby enhancing the college's reputation.
- **Global Engagement:** RVCE has focused on international collaborations, study abroad programs and global research initiatives.
- **Community Engagement:** Involvement in community service benefits the local community contribute to RVCE's distinctiveness by showcasing its commitment to societal betterment
- **Teaching Pedagogy:** Institute has implemented innovative teaching methods, project-based learning, or interdisciplinary approaches.

File Description	Documents
Appropriate link in the institutional website	<a href="http://www.rvce.edu.in">www.rvce.edu.in</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

#### Action plan for 2022-23

##### Civil Construction:

1. Construct a Design Thinking Hub in the campus to facilitate innovative projects and design thinking labs.
2. Establish a Sewage Treatment Plant with a capacity of 250 KLD, optimizing the layout for efficient wastewater management.
3. Inaugurate the Cavery hostel for boys, providing comfortable accommodation facilities.



4. Inaugurate a new girls' hostel within the campus to enhance student housing options.

**Academics:**

1. Commence a new Department of Artificial Intelligence and Machine Learning to offer specialized academic programs.
2. Develop plans for Skill Labs designed for first-year students to enhance their practical knowledge and skillsets.
3. Introduce a Paper Review Process as part of the examination center procedures to enhance the examination quality and integrity.

**Research:**

1. Develop plans for a Memorandum of Understanding (MoU) with IEEE for journal publication, fostering research collaboration.
2. Plan and organize an IEEE Conference scheduled for 2023, facilitating knowledge sharing and academic exchange.
3. Explore opportunities for new solar energy generation initiatives, contributing to sustainability and reduced carbon footprint.
4. Add addition facility to support research projects and capabilities

**Staff and Faculty:**

1. Implement the 7th and 6th Pay Commission recommendations for teaching faculty and staff respectively.