



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution	
	RAJARSHI SHAHU COLLEGE OF ENGINEERING,BULDANA
• Name of the Head of the institution	Jayant Parbhakar Kaware
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07262242834
• Mobile no	9890222101
• Registered e-mail	rsc_engg@rediffmail.com
• Alternate e-mail	rsce.iqac@gmail.com
• Address	Shahu Nagar Sagwan Road Buldana
• City/Town	Buldana
• State/UT	Maharashtra
• Pin Code	443001
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Sant Gadge Baba Amravati University Amravati				
• Name of the IQAC Coordinator	Prof B V Narwade				
• Phone No.	07262242834				
• Alternate phone No.	9881803492				
• Mobile	9970685933				
• IQAC e-mail address	rsc_engg@rediffmail.com				
• Alternate Email address	rsce.iqac@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.rsce.ac.in/index.php				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://rsce.ac.in/pdf/Academic%20Calender%202020-21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	C	1.86	2019	04/03/2019	03/03/2024
6.Date of Establishment of IQAC			22/06/2017		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
00	00	00	00	00	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
Implementation of Online activities during covid pandemic. Internal and external assessment of the students were done online and various e-learning tools were implemented effectively for the benefit of the students.		
MCQ based practice test for students to prepare them for online examination during COVID 19 Pandemic		
Green Audit & Energy audit conducted		
Health Awareness programs conducted to all the stakeholders of the institute during the pandemic situation.		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
1. Periodic Academic Audit by IQAC Team	Periodic Academic Audit by IQAC Team done in the academic year.
2.IQAC insisted to take online student satisfaction survey regard to teaching learning process by the class advisors	The class advisors have collected the online survey and consolidated the same as per the prescribed format
3.Code of conduct to attend college during pandemic situation	Implementation of rules and code of conduct for employees during attending college regarding the pandemic situation
4.Awareness programme about precautionary measures for COVID-19	Awareness programmes to to take precaution of COVID19 pandemic are conducted for student, staff,faculty and local society

13.Whether the AQAR was placed before statutory body?	No
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- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	24/09/2022

15.Multidisciplinary / interdisciplinary

In view of NEP 2020, our college Rajarshi Shahu College of Engineering has recognized the need for multidisciplinary/ Interdisciplinary has perspective towards education. College has always emphasised on overall holistic development and the integration of different skill sets to critical thinking and problem-solving skills of students. We are conducting various socio-cultural activities through extension programmes like NSS. Our Institute has Mechanical Engineering, and Computer Science & Engineering, Electrical Engineering and Civil Engineering in UG and Computer Science & Engineering, Thermal Engineering in PG degree programs.

Our courses have adopted the concept of Elective courses in Credit based system (CGS) since the academic year 2017-18. Where the students are made it compulsory to have one interdisciplinary subject from other degree programs of their choice which help and benefits students to learn the interdisciplinary concept. A special provision for this elective subject is made in the university scheme and syllabus designed by SGBAU, Amravati.

16.Academic bank of credits (ABC):

To assure institutional preparedness for thorough implementation of the Academic Bank of Credits (ABC) system under the National Education Policy (NEP) in India, the following steps can be taken:

Credit Bank Infrastructure: Set up the necessary infrastructure to manage the Academic Bank of Credits. Implement a robust and secure digital platform or system to facilitate credit management, tracking, and documentation for students and institutions through simple and user friendly digital technological platforms.

Curriculum Restructuring: Evaluate and restructure the existing curriculum to align it with the credit-based system. Identify courses that can be credited and modularized, facilitating students to accumulate credits based on their learning outcomes.

Credit Allocation and Conversion: To develop a framework for allocating credits to courses based on their learning outcomes, and student workload. Define the conversion ratio for transferring credits earned in one program to another, ensuring transparency, security/ safety and consistency in credit transfer processes.

17.Skill development:

As per the National Educational Policy and the curriculum of the affiliated university, following initiatives are taken by the institute: For the skill development of students and faculties, the institute has plan to organize various faculty development programs. The institution's curriculum is aligned with skill development objectives. And special emphasized is given on skill mapping, training and development program and collaboration with industry to develop and integrate them into the existing courses focused on skill acquisition

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

The institute is committed to promoting and preserving India's rich cultural heritage, both ancient and modern. With a focus on education, health, and the environment, it is essential to prioritize the conservation and advancement of India's cultural wealth. By instilling a strong sense of cultural history, arts,

languages, and traditions in children, the institute aims to nurture positive cultural identities and boost self-esteem. This is achieved through regular community and social activities, despite the limitations of being a technical institution. By preserving local arts and culture, the institute hopes to inspire future generations to appreciate and value their cultural heritage while promoting a sense of pride and belonging among individuals. This initiative represents the institute's unwavering commitment to education, culture, and community development in India.

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

The assessment tools and processes utilized for measuring the attainment of Program Outcomes (POs) and Program Specific Outcomes (PEOs) are comprehensive and designed to evaluate student progress through direct and indirect methods. Direct methods include direct examinations and observations of student knowledge and skills against measurable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on university examinations, internal exams, and home assignments throughout the semester. Assignments are given at the end of each unit, and the questions asked are mostly aligned with the course outcomes of the respective subject. Projects done by students during their academic program are assessed through progress review presentations and final viva.

20.Distance education/online education:

Our institute has taken concrete steps to provide ICT facilities that cater to the needs of all departments. We encourage all departments to participate in and implement the best teaching and learning techniques. Our teachers plan and execute their course delivery using modern ICT resources, while also adopting teaching tools based on their understanding of the students' basic analysis. We all have witness drastic changes in education system during the pandemic situation of covid- Course content delivery was done through online mode by using various online platform Like google meet, Zoom, , free conference call etc. Online mode has broken down the geographical barriers in the interaction between the students and experts from remote demographical locations. This blended learning system have been successfully implemented and adopted by the learners, preparing themselves for both online and regular mode of education

Extended Profile

1.Programme

1.1	6
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	308
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	116
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	91
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	41
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	41
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	22
4.2 Total expenditure excluding salary during the year (INR in lakhs)	62.05
4.3 Total number of computers on campus for academic purposes	160

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

At the start of every academic session, the principal calls meeting with head of the Departments (HOD) all deans and faculty members to plan academic calendar. This is followed by all Five departments of the institute including UG & PG Programme. In every department, a meeting is held with faculties to discuss about teaching load and portfolios, are distributed among faculties. Subject allocation to the faculty is done as per area of specialization and their interest by HOD. Subject distribution is planned well in advance for proper academic implementation. Departmental portfolios such as class teacher, test in-charge, project and seminar in-charge, academic in-charge etc. are reassigned from one to other faculty on yearly or three yearly-basis for effective implementation providing opportunity to grow in all aspect. Lab manual, course files, practical and teaching plans are prepared by faculty for the respective subject.

Two internal Term Tests are conducted per semester. Learning of the student is monitored by the faculty members on the basis of continuous evaluation. Report of syllabus coverage and list of defaulters is submitted to the Principal at the end of every Month. The curriculum gaps, if any, are fulfilled by delivering the content

beyond syllabus under various activities such as expert lectures, seminars, subject activities and other co-curricular activities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is prepared with objective of planned academics in the institute. The academic calendar lays down details of all the important academic and cultural activities in the Institute. It also gives details of people responsible for different activities. The academic calendar plans the following

1. Registration of students

2. Class Test-1

3. Class Test-2

4. Remedial Classes

5. Preparation/Revision

6. Feedback by Students

7. University Examination

8. Seminar Presentation and Submission (Final Year Seventh Sem)

9. Project Presentation and Submission (Final Year Eighth Sem)

10. Clearance (All students) Along with the above continuous evaluation in class, practical's, activities, and assigned work is going on by class teachers, subject teachers, project and seminar guide and the teacher's in-charge of activities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in E. None of the above following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

04

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0.0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0.0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

RSCE strongly believes imparting values and ethics in students. The cultured and ethical behavior of all faculty and staff members along with traditional campus imparts values and virtues in the students. The Institute engage the students in various activities through various clubs and conduct programs to create awareness among the students through these clubs like National service scheme club,

Women Empowerment cell.

University curriculum consists of some subjects to improve professional ethics in students. A subject titled 'Communication Skills' in first year improves the communication skills and professional skills of students. Another subject named 'Environmental Studies' in second year help to develop ethical attitude, multidisciplinary approach and awareness about environmental issues.

A subject entitled 'Software Project Management' in Computer Science Engineering and Information Technology Department defines tools and techniques for the management of a project plan to monitor and to control a project schedule and budget to track project program. These value added courses are introduced as core /elective / exclusive laboratory courses / interdisciplinary courses and help students grow as a professional.

In addition to curriculum, institute organizes various expert talks, training programs, activities etc. which further support value added courses.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

04

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

55

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni

C. Any 2 of the above

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File

1.4.2 - Feedback process of the Institution may C. Feedback collected and

be classified as follows

analyzed

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

25

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

16

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

At RSCE, we believe in outcome-based learning processes, where we identify students as slow learners and advanced learners based on the class interaction, test performances. We emphasis on improving the performance of slow learners by providing remedial programs which are conducted outside regular classes. Specifically, for

difficult subjects of the respective department, the mentor-mentee system also provides all kinds of support to the slow learners. The strenuous efforts taken by the faculty towards the slow learners have resulted in students' understanding of their chosen domain. The mentor also identifies other skills and strengths and encourages them to build self-confidence resulting in improvement in academic performance. The mentor takes extra effort to understand the socio-economic backgrounds also which is sometimes a reason for poor performance. All necessary emotional and professional counseling is also provided whenever required. The Institute ensures that a slow learner clears all his courses within stipulated four years of Engineering and provides extra attention to build additional skills which makes them employable. Advanced learners are given opportunities to be part of innovative projects and other technology initiatives of the institute. From the advanced learner, Class Representatives are appointed so as to give a chance to develop their communication, leadership & team-building skills. This initiative teaches them to strike a perfect balance between academics and extra & co-curricular activities which goes a long way in achieving success in their professional career. They are given the opportunity to participate in Paper Presentations, Project Competitions and participate in Projects.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
308	41

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

We provide an effective platform for students to develop the latest skills, knowledge, attitude, values to shape their behavior in the

correct manner. All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The institute organizes an annual technical competition, in which students showcase their learning in the form of innovative projects. Also, students are motivated to participate in intercollege as well as national-level competitions. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

Experiential Learning: Each department conducts programs to support students in their experiential learning. The institution imparts the following experiential learning practices to enhance the creativity and cognitive levels of the students -

Internship -Students get hands-on training while working in the company.

Project development on latest technologies by students

Industrial Visits to engage them in experiential learning while visiting the organization.

Participatory Learning: In this type of learning, students participate in various activities such as seminars, group discussions, posters, projects, and skill-based add-on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills, such as Annual Tech Competition "Tech vision" - It is organized every year for students where selected projects are displayed at the larger platform.

Tech-Vision is organized every year by the students in which students from different colleges participate and learn from each other

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The use of ICT in education adds value to teaching and learning, by enhancing the effectiveness of learning. ICT can lead to improved student learning and better teaching methods. It's a rising trend where education has outgrown the physical constraints of classrooms and acquired mobility. Students access information whenever and wherever they want. It enables students to become better informed in their fields of specialization. The entire campus is having an internet facility to make available resources. Many classrooms are equipped with Projector and White Boards. In addition to the chalk and talk method of teaching, the faculty members are using IT-enabled learning tools such as PPT, Video clippings, Audio systems, to expose the students to advanced knowledge and practical learning. Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of seminars, group discussions, assignments, tests/viva. Teachers use various ICT tools for conducting workshops on the latest methods such as Programming languages, simulations, etc. NPTEL video lectures are made available to students for long-term Learning and future referencing. Students are counseled with the help of Zoom / Google meet applications.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

10

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

41

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

01

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers**

299

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms**2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode.**

Write description within 200 words.

Transparency initiatives at the institute level: There is a standard process of internal examination in the college. According to the academic calendar, a student must appear in at least 2-class tests out of 3 in each semester. The schedule of the internal examination is decided at the beginning of the session, in the form of an academic calendar. According to the academic calendar, a teacher has to take the class test, which may be in the form of a written test/MCQ based test. The marks of the unit test are shown in the classrooms and each student can ask about its performance. They can observe their test copies. If there is any difference or discrepancy in their marks, it can immediately be corrected. The test copy of the class test is shown to students for their observation. Further, the test copy of one student is allowed to interchange for observation with another student, at the time of distribution of the answer-sheet in the classrooms. The concerning subject teacher keeps the record of all internal exams, e.g. class tests. After showing the answer sheet to students, the copy of the student is submitted to the college test in charge.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The college follows strictly the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations.

At the Institute level, an examination committee, comprising of senior staff as an officer in charge of Examination and other teaching and non-teaching staff as members, is constituted to handle the issues regarding the evaluation process. The staff distributes evaluated answer sheets to students, and any clarifications or grievances are addressed by the teacher. The internal marks are displayed on the notice board. If any discrepancy like mistakes in the question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after being resolved by the teacher, then he may represent the same to the HOD concerned. All

such representations are taken positively and are reassessed by another teacher if necessary. Parents are informed about their ward's performance. Students are counseled by the faculty mentor, and remedial classes are conducted for students who have failed in the examinations. The entire process is maintained transparent, and time-bound by the university.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

In strict compliance with the objectives of Outcome-Based Education (OBE), the Program Outcomes (POs), and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment of consensus, the same is widely propagated and publicized through various means such as display and/or communication specified hereunder. Website Curriculum /regulations books Department Notice Boards Laboratories Student Induction Programs Meetings/ Interactions with employers Parent meet Faculty meetings Alumni meetings While addressing the students, the HODs create awareness on POs and COs. The faculty members, class teachers, mentors, also inform the students and create awareness and emphasize the need to attain the outcomes.

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporates many areas of inter-related knowledge, skills, and personality traits that are to be acquired by the students during their graduation.

Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess, and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The Course Outcomes are made available in the university syllabus by BOS members

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://rsce.ac.in/pdf/comp_POS.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Response:The assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes are mentioned below:

Method of assessment of POs / PSOs

The program outcomes and Program Specific outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect methods.

Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on University Examination, internal exams, and home assignments.

Finally, program outcomes are assessed and HOD concludes the PO attainment level.

Two assignments are given in each semester. The assignments are provided to students and they refer to the textbooks and good reference books to find out the answers and understand the expected outcome of the given problem.

Best of two (out of three) internal tests are conducted per semester for the following purposes:

To ensure that students have achieved the desired level of competencies at the module level.

To evaluate, whether corresponding COs are achieved or not. According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific CO of the subject.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

91

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://rsce.ac.in/pdf/SSS_20-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00.00

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

00.00

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

00.00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute is very much keen in providing the research and development environment to the staff and students. In this regard

students and staff are guided and motivated and supported for taking research oriented projects, participation of students in various competitions. An ecosystem is created through utilization of academic material resources in the libraries, spacious workspaces with modern laboratory equipment, computers, high speed internet and Wi-Fi by teachers and students. There is a system for creation and promotion of innovation through activities of cells and departments in the college.

The institution has started NPTEL AudioVideo facility. through this cell it is tried to motivate the students and staff to enrich and upgrade their knowledge with latest technology. All department organises industry interaction programmes and visits for students.Offline and online field visits enhance creativity and innovation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

00.000

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0.0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

01

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

0

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

At Rajarshi Shahu College of Engineering, Buldana has well established "National Service Scheme Department" through which institute implements various activities. Under NSS institute has

organized Blood Donation Camp, Distribution of Mask, Sanitizer and Grain during Covid 19 Pandemic, it has helped them significantly to carry out their livelihood during crises, also felicitation of Frontline Covid Workers by NSS Unit. Various activities carried under NSS unit such as, tree plantation program, online health awareness program, women employment program, food distribution at old age homes, orphanages, water conservation program, food distribution in hospitals during the Pandemic. Institute is committed to impart social responsibility amongst the students. Through these activities students realized the issues faced by needy, helpless & poor people of the society. More over they recognize the efforts of various stakeholders of the society towards its welfare. Institute has adopted one village for organizing social activities through NSS. Institute has year round plan of activities and concerned departments, Various committees make sure its yearly effective execution.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc.,

during the year

3

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

100

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

0.0

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

0

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

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 equipment etc.

The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc. The institution ensures adequate availability and optimal utilization of physical infrastructure for teaching learning activities as a well maintained green campus and building construction is 11725.63 sq. mts. For conducting theory classes College encompasses sufficient number of well-furnished, well ventilated, spacious classrooms. Also some classrooms equipped with LCD projectors. 'Court yard - Eco-Friendly Open Class Room' is an initiative to provide the importance of nature in the process of teaching and learning, cultivated in the campus. The College has ICT Classrooms, where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given. The College has multiple seminar halls. These halls are regularly used for conducting seminars and conferences at the college to encourage the students for active involvement in paper presentations. Laboratories in the college are established as per AICTE and SGBAU norms. All laboratories are equipped with advance and well maintained equipment and facilities. Labs have sufficient licensed software and open source tools to provide the requirements of curriculum & industry enabled teaching. There are Cut section demonstrational models and

special motors, electrical motors for electrical engineering, and Power analyzers.

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

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

There is a Separate Sports department head by a sports director. The institute always encourages students to participate in various sports & games. The students participate in the various cultural events in the institute and the students make participation in the Inter-collegiate events. The Kit is available for Cricket, Volleyball, and Indoor games like Table tennis, Caroms, Badminton, and Chess. The institute integrates sports and extra-curricular activities as essential components along with core courses and the continuous evaluation by providing adequate facilities for cultural activities, sports, games (indoor, outdoor)yoga centre etc.

Sports: The College provides better infrastructural facilities for the indoor and outdoor games. Department of Physical Education motivated students by providing expert training guidance.

Cultural Activities: The College has sufficient seminar hall and auditorium hall. These places are always available for the students to perform cultural activities. The college students always participate in different events like Plays, Mimes, Folk Dance, One Act Plays, Street Plays etc. in university inter-collegiate, State and National level. Every year college organizes an Annual cultural Event Spansparsh Socio Cultural gathering.

Yoga: The Institute also provides space for practice of yoga and periodically conducts yoga sessions for students and staff. College celebrates the yoga day and organizes yoga training every year in the college campus.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

08

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

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

62.058524

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

College library includes complete track of books, journals, newspapers, CD's, etc. There are number of Textbooks, reference

books available in the college library. College library is Partially automated using integrated library management system. In library LIBMAN Software is used for Partial automation purpose. Software used to manages the catalog of library. This helps to keep the records of whole transactions of the books available in the library. This software is used for issue and return of books. It also shows availability of the books and number of books present in the library. This software is user friendly. It manages the complete management of the entire library through the software's easy interface. It removes manual process of issuing books by easy and simplified way of issuing book saving time and effort. The software automatically shows fine levied by automatically counting days from the date if issue in case of late return of the book. Generate customized report for library items, library inventory and library fine collection. Library is integrated with all modern facilities and accessories like Bar Code. Features of Library management system in a college - Keep record of different categories like; Books, Journals, Newspapers, Magazines, etc. Classify the books subject wise. Easy way to enter new books. Keep record of complete information of a book like; Book name, Author name, Publisher's name, Date/ Year of publication, Cost of the book, Book purchasing date/ Bill no. Easy way to make a check-out.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **E. None of the above**

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.0

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)**4.2.4.1 - Number of teachers and students using library per day over last one year**

10

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

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

As, the demand for internet access is increasing in educational campuses due to growing standard of education, college is stepping forward to setup secured and stable wired or Wi-Fi network campus for their students. The institute has a high-speed campus-wide network that connects all its departments. The institute has ready access to computing resources, services software, applications, and Wi-Fi at various locations. The locations consist of the corridor of the premises of every department where the wi-fi router has been placed. Students can access the internet from the computer lab at every department apart from the wi-fi facilities available in the institution.

Institution frequently updates its IT facilities including Wi-Fi IT facilities have been updated on regular basis. To maintain computer laboratories, regular purchasing of mouse/Keyboard/RAM and other hardware components are also done. CCTV cameras are also installed

to keep surveillance in entire campus. Overall in every year, our computer laboratories were upgraded. There are 160 computer available in the institution and having speed of 100MBPS.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

160

File Description	Documents
Upload any additional information	View File
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

0.19635

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded

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

Maintenance Policy Institute has established a facilities including building ,laboratories, classrooms library and computers .

1.Maintenance of Infrastructure:

The college has separate maintenance departments for civil and electrical works that supervise the maintenance of buildings, classrooms and laboratories. The maintenance engineer conducts

periodic checks to ensure the working condition of the infrastructure.

2.Laboratory Maintenance:

Every semester, laboratory equipments are checked, calibrated and preventive maintenance is done by the laboratory staff. However major maintenance of any equipment or machinery is done by external party. Non-teaching staff regularly carry out maintenance and cleaning of the classrooms and the laboratories.

3.Maintenance of ICT:

All the computers located at different places like, laboratories, library, office , department etc. are maintained and updated by the team of system administrator The software updates ,ICT tools and internet related problems are resolved from the respective services providers.

4.Maintenance of Library:

College Library having more than 11000 books ,journals magazine and other books like based on inspirational, motivational. Every year books are verified for students.

5.Maintenance of sports ground:

For maintenance of sport ground of our institute, expert is appointed for the maintenance purpose of the ground. And if any sport goods got damage then the goods are taken care or in case if that goods is not repairable then sport In-charge purchase new one following the standard operating procedure.

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

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year****5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

283

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

0.0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

E. none of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

50

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

50

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

02

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

04

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Principal holds regular meetings with students for the issues related to teaching, learning, student activities, examinations and other facilities. A Student Council is a representative structure through which works in partnership with college management and staff and parents for the benefit of the college and its students. College Development Committee, IQAC, NSS Committees, study forums/associations, the Library Committee, have representatives from students and they actively participate in the meetings. Our institution having self-funded student committees which follows the rules and regulations design by SGBAU Amravati. The students are involved in various co-curricular and extra-curricular activities of the college. President of student association and class representatives have responsibility of monitoring and maintaining discipline and showing their active participation in college activities, like Annual Social Gathering, University level sports tournament, celebration of Ganapati festival and other events. Also, by means of student council we celebrate various commemorative days. Students get involved by sharing their ideas, interests and concerns with the college administration for all the cultural & social activities. Students' active participation in college administration contributes to develop a sincere regard for law, discipline, values, responsibilities and citizenship required for wellbeing of society.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has a registered Alumni association. The Alumni Association is formed as per the Societies Registration Act 1860 (Act XXI of 1860) on dated 30 August 2018 with the title "Rajarshi Shahu Abhiantriki Mahavidyalay Alumni Association, Buldana." The Registration Number as - "Buldana/0000157/2018". The Alumni association contributes actively to the welfare of the institution. The alumni meeting is organized once / twice a year by all the departments. Illustrious and prominent alumni are invited to deliver special lectures, motivating the students to go for higher education and to find the means for job opportunities. Their valid suggestions are taken into consideration in designing and updating the co-curricular and extracurricular activities. Alumni Association also contribute in institute development and student progression and helping them to get a job. Institute takes Alumni Feedback to improve functioning and services of organization. Our alumni association works as partners to bridge the gap between the industry and academics. Alumni also support in placement and continue bringing good name to the organization. Alumni association help student to boost up their knowledge and gain something new experience about recent trends. In this way Alumni Association help to develop the Institute.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision

Our vision is the ability to see even with eyes closed, to attain new pinnacles of success through human endeavor, along with academics, the institute will give importance to discipline, extra-curricular as well as co-curricular activities.

Mission

Our Mission is to excel in the field of engineering by attending the utmost importance to the technology while giving equal importance to the subjectivity. Catering the needs in the engineering sector in the rural area and to prepare competent engineers, imbued with the spirit of professionalism and responsible citizenship in a competitive global environment. To this end, management and faculty commit themselves to provide technical education with par excellence and innovative technology.

Objectives

To develop the students' abilities to use the laboratory equipment's and technology in an appropriate and safe manner. To develop students' abilities to measure, organize and communicate scientific information. To assist students in developing knowledge of facts, concepts, technology and principles to confront and interpret their

life.

The following management bodies play a major role to have effective development and implementation of quality policy:

- Internal Quality Assurance Cell (IQAC)
- College Development Committee (CDC)
- College Council Committee (CCC)

File Description	Documents
Paste link for additional information	https://www.rsce.ac.in/pages/vision_mission.php
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute has done decentralization by devolving authority to various levels for participative management to have transparency in decision making which leads to good governance. The authority is localized from the top management to Principal then to HODs and faculty coordinators. The IQAC and CDC presume representations of management. These committees include faculty and students to accomplish academic, administrative and project development pursuit which results in constructing an ambience favourable to overall growth and to achieve the grail of the institute.

1. Training and Placement Cell:

Training and placement cell operate in dual mode i.e. organising for campus placements and presenting for appropriate training to enhance the students employability skills. Training and placement officer takes care of training and placement tasks in the campus. The assistance from each Department is provided by the departmental coordinator assigned for the same. The committee for Training and Placement comprises of the Director, all the Heads of the Department, T&P Officer. The necessary contact is established with the industry people for getting the internships for the students.

Committee Hierarchy:

AMC is headed by senior staff and assisted by department level academic coordinators. The representative from each department

acting as Departmental Academic Coordinator is the member of Internal Academic Monitoring committee. All coordinators are responsible in policy making process.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute's perspective plan enriches teaching-learning process continuously to strengthen the core values as well as to improve infrastructure and resources. The institute focuses on skill-based education to develop academic and administration tasks. The institute continuously upgrades ICT facility. ICT ensure effective utilization of teaching- learning infrastructure. Faculties of the institute provide study materials like notes, PPTs, Assignments, NPTEL Video links, NPTEL PDF Links, other Video links, Virtual lab links, research papers links, case studies, objective type questions, list of modules and simulations links, list of Industries related to subjects which are related to the course. Feedbacks are taken from internal stake holders.

Mentor-Mentee System to counsel students and Academic Audit Reports are planned to fulfil the target. To reduce the gap between industry and institute, the institute conducts Industry Institute Interaction Programmes. This programme explores employability, internship, industrial visits and industrial projects through MOUs.

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

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

ADMINISTRATIVE SETUP:

With the hands-on experience of the management, Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability, and Authorities at every stage.

GOVERNING BODY:

Review academic and other related activities of the College.
Consider new programs of study for approval of AICTE.

PRINCIPAL:

To prepare all the agenda items, coordinate the conduct of meetings, and arrange to follow up all actions required. To provide leadership, guidance, help implement and monitor all the academic activities in compliance with the affiliated university .

HEAD OF THE DEPARTMENT:

Department HOD prepares departmental workload as per the SGBAU university syllabus, Allocation of workload in prescribed formats. Coordinating with library HEAD OF THE DEPARTMENT committee & Prepare updates and standardizing the student Handbook / Lab manuals. Collect & Verify the course material to certify coordinate with Library committee, Time Table In-charge, Lab In-charge, Internal Examination In-charge for smooth class activities and midterm exams.

IQAC:

IQAC Major Functions Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process Arrangement for feedback response from students, parents, and other stakeholders on quality-related institutional processes

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://rsce.ac.in/pdf/Organograph_Naac.pdf
Upload any additional information	View File

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

C. Any 2 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institute has effective welfare measures for teaching and nonteaching staff. The institute follows the recommendations/rules and regulations of AICTE, DTE, and SGBAU Amravati University.

1. Faculty Empowerment Policy:

P.F: Exists as per government Norms, equally shared by institute and staff.

All the necessary provisions are made for financial containments by institute.

2. Working Hours: As per norms of SGBAU Amaravati University.

3. Leave policy:

Number of CL: As per Norms

Medical Leave: As per Norms

4. Pay policy:

With Pay scale, to Assistant professors as per the university norms

5.Increment Policy: Uniform/Feedback based or both.

7. Higher Education policy:

For, PhD - Sponsorship letters shall be provided financial assistance may be considered.

9. Financial Support Policy:

Funding for Research project. Funding for Patent filing.

10. Teacher Incentives and awards for extra ordinary work:

Additional increments. Awards. Certificates and felicitations. Study books allowance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0.0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

0.0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

2

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute has Performance Appraisal System for teaching and non-teaching staff This system reflects to recognize the potential of the institute and the progressive leadership of fiscal governance. The self-appraisal report earmarks the opportunities challenged in teaching-learning endeavours of the last academic year in following segments:

This performance appraisal system has three categories with 100 marks:

1. Staff Appraisal
2. HODs Recommendation
3. Principal's Evaluation

The staff appraisal has three divisions with predefined value charts for 40, 10 and 30 marks respectively. Hence, it measures 80% of staff appraisal. The HODs recommendation verifies the data of staff appraisal and endorses the additional marks based on performances and feedback monitored. This adds another 15% of the total marks. Principal's evaluates staff appraisal and HODs recommendations. He assesses institute level portfolio of the staff and evaluates 5% to complete the total evaluation with 100 marks. Also he oversees the punctuality and regularity of the staff and evaluates that for negative marking with deduction of upto 10 marks from the total. Finally, Principal prepares the staff Performance Indicator Chart and forwards to the management for appraisal and incentives. This appraisal system motivates the faculty to develop and enhance their competency through self-learning and research and publications.

File Description	Documents
Paste link for additional information	Nil
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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute does financial audit at regular intervals by institute's own internal audit system and the external agency. The internal audit is on-going process to thoroughly check and verify of all transactions and vouchers of each financial year. The external auditors verify and certifies the entire Income and Expenditure and the Capital Expenditure of the Institute every year. Minor errors or omissions and commissions when pointed out by the audit team are immediately rectified and precautionary steps are taken to avoid such errors in future.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute is a private and un-aided. Students' fee is the major source of revenue. The top management diligently monitors use of the fund for effective and efficient expenditure on teaching learning endeavours and infrastructure development through annual budget system. Principal monitors all the major financial transactions with approval of the Director. The institute has predefined systems for institute level budget summed up with the budgetary requirement of departments and of all the cells/centres. It manages within the available financial resources. Departmental budget explores all the avenue like up gradation of laboratories, establishment of new

laboratories, staff up gradation, workshop and seminars to be conducted, alumni meet, and any other departmental association meets required/planned for the next fiscal year. The Principal reviews the budgets and a final draft of the budget is prepared in consultation of all the heads and senior faculty members as per expansion plans and availability of funds. The final budget is submitted to the management for approval. The institute adopts Indian Accounting Standards to maintain books of accounts. The accounts department monitors authentic records of every income and expenditure transaction. The institute receives approximately 50% of the fees from scholarship Government of India. The remaining part of the fees is received from students. The fund is utilized for Employees Salary and infrastructure development, etc. The governing body approves the budget with necessary allotments.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC has been performing the following tasks on a regular basis:

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
2. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak. Students and staff give their feedback and suggestions on teaching and administrative performance through the Suggestion Box located on the campus.

The IQAC has immensely contributed to the implementation of quality assurance strategies and processes at all levels.

The Institute IQAC regularly meets twice in a year.

The Institute IQAC prepares, evaluates, and recommends the following for approval by the relevant Institute and Govt. statutory authorities:

(a) Annual Quality Assurance Report (AQAR)

(b) Self-Study Reports of various accreditation bodies (NAAC, AISHE)

(c) Performance Based Appraisal System (PBAS) implemented.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC has a cross domain team of professors for conducting departmental academic audit which guides us to bring-in reforms. This audit is conducted twice in a year to study the curriculum planning and implementation, teaching-learning evaluation, curriculum delivery infrastructure, research culture adoption, student participation, department extension activities, strength, weaknesses, opportunities and challenges/threats best practices and future plans. This guides for the required reforms in teaching-learning process to switch over from traditional teaching to student centric system within the frame of academic calendar. The institute has ICT classrooms with well knitted facilitates which instigates faculties to use animation, power-point presentation and video lectures. The ecosystem supports extension activities such as Industry Institute Interaction, Internship, Expert lectures, and Social activities through NSS for sensitizing the social issues among the student community. The IQAC meets twice or as on and when the necessity arises regarding the reforms and quality monitoring. The objective of IQAC strategic plan facilitates reviewing the academic quality and monitoring to update the lacunas. The IQAC analyses and reviews the institute. The enriched state-of-art laboratories, pollution free campus are the strength of the institute. Being situated in rural area and away from SGBAU Amravati University, it is very difficult to represent in Board of Studies and University Committees. The institute faces challenges of making

all students employable and encouraging for entrepreneurship, inculcating research activities and maintaining faculty retention cadre ratio.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

D. Any 1 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://rsce.ac.in/pages/igac_meeting.php
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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

Our institute is committed to implement the idea of gender equality by giving equal consideration to both boys and the girl students with respect to their identity and personality to be expressed on equal platform. Our college also promoting and following the idea of gender sensitization among the students. Institute has established Women Development & Grievances Cell (WD&G) and National Service Scheme (NSS) Cell to identify, address and conduct various programs

on such issues and to empower, strengthen gender equity, and sensitization in curricular and co-curricular activities. WD&G cell is empowered to monitor the activities and address the issues concerning women at the college. To support this, the Women Grievance Complaint box and CCTV surveillance have been set up on the college premises. Also emergency helpline number are also displayed at various locations in the campus.

College has common room for girls. Counseling is provided for girl students by expert counselor. Girl Students Equally Took Part in NSS Camp every year. Our Institute conducts orientation programs for the newly admitted students for various courses.

File Description	Documents
Annual gender sensitization action plan	https://www.rsce.ac.in/pdf/Action_Plan_20%20-21.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

D. Any 1 of the above

File Description	Documents
Geo tagged Photographs	No File Uploaded
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

- Our institution has always promoting ideas to protect environment, health and well-being through implementation of effective waste management practices such as segregation, recycling, and composting.

Promoting the consciousness of generating less waste among students, staff and faculty members has also been adopted. Trees waste such as dried leaves and plant clippings is collected from all around the campus and used for composting; compost so produced is used in organic nourishment for plants in the campus. The solid waste on the campus generated from various potential sources, such as Academic Buildings, Canteen, gardens, lunch box etc. is managed by cleaning staff assigned to different locations on the campus. Dustbins are placed at different locations on the campus with dry and wet waste marked on them. Dustbins are placed in the classrooms, laboratories near the cafeteria, and in the corridors. These bins are emptied daily in the morning; the waste is collected in hand carts and transported to the disposal sites. Solid waste from the canteen and campus is stored in the SWM unit behind the Electrical engineering building in the campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

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

D. Any 1 of the above

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

7.1.5 - Green campus initiatives include

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

E. None of the above

- 1.Restricted entry of automobiles
- 2.Use of bicycles/ Battery-powered vehicles
- 3.Pedestrian-friendly pathways

4. Ban on use of plastic**5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
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 are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

Our institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Cultural diversity focuses on aspects like: Tolerance and harmony towards cultural and communal diversities:

Independence Day and Republic Day are celebrated every year with grand auspicious functions with faculty, staff, and students. Constitutions Day, National Voters Day, Road Safety Awareness, Environmental Day, various Commemorative days are also celebrated throughout the year. The institute maintains and always supports for holistic culture in the campus.

The institute is also supported by the Government schemes like Tuition Fee Waiver Scheme, EBC, and SEBC and various types of scholarships. The majority of students are from rural areas and they are unable to pay college fees in one time so Institute also facilitated the students with installment payment for fees. Right from the establishment of the institute, the dress code is adopted to avoid social and economic disparity.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

At RSCE Buldhana, we believe in giving holistic all-round education to the students and sensitizing them on our Constitutional rights, values, duties, and responsibilities through various means such as curriculum and extra-curricular activities which are aimed to familiarize about Fundamental Duties and Rights.

NSS conducts a cleanliness drive on the occasion of Swachh Bharat Abhiyan in the college campus as well as in the nearby village area. An oath is taken by all students and faculties to keep their surroundings clean. Skits and other programs are organized in various events related to sensitization on corruption, the responsibility of the young, Child labor, Social media abuse, Favoritism, Mental Health, etc.

Our Institute organizes several programs that are aimed at the promotion of various constitutional rights, duties, and responsibilities of citizens. Our Institute organizes Blood Donation Camps in our college campus. Many teachers and students actively participate in the event to ensure that precious lives are saved. Our institute also celebrates Women Day to mark the achievements of women throughout the history. Similarly, we celebrates World Environment Day and International Yoga Day every year.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://rsce.ac.in/pdf/Sensitization%20Activity_20-21.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code

of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized

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

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

The institution celebrates commemorative days, events, and festivals through NSS and student associations. The cultural activities are informal and are intended to sensitize the academic world to other dimensions of human experiences and knowledge, with the hope that this would enrich the lives of students and make them aware of their social responsibilities and understand the implications of their actions.

Independence Day and Republic Day are celebrated every year. Birthday and death anniversaries of Mahatma Gandhi, Dr.Babasaheb Ambedkar, Chhatrapati Shivaji Maharaj, Lokmanya Tilak, and Swami Vivekanand are celebrated in the campus.

Singing, Dancing, Fashion Show, Drama, Musical Instrument Playing, Traditional Day, Rangoli, Project Exhibition, Extempore, Group Discussion, Debate, etc. are the parts of "SANSPARSH" cultural festival. Students are felicitated and awarded for their remarkable performance in cultural activities and events. The students are also motivated to participate in various intercollegiate and university-level competitions. Due to the Covid Pandemic in the 2020-21 the

annual cultural festival had not been conducted.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1:

Blood Donation Camp

This activity is arranged for needy student during hospital emergency. Student arranging this camp in the college. In the camp students from all branches actively participated with great enthusiasm. Donated blood is stored in some of the recognized blood banks. Against the donated blood students are provided with a card. This card is valid for a year. In emergency condition such as accident or low hemoglobin students have free of cost availability of blood.

Students extended this activity at great extent and request nearby villagers and all the staff of engineering college to take part in actively. Many students were benefited in their needed time. Students also keep record of rare blood group such as A+ B+ O-. Doing these activity students able to save lives of many students. In corona pandemic situation many student able to manage blood for their family member. This is noble cause and sends a kind message in the society.

Best practice-2

In the corona pandemic condition student staff need to take care of their personal hygiene. Considering the situation college has arrange yoga session for students as well as staff.

In college campus in morning time yoga session is conducted. By doing

yoga oxygen level and overall metabolism is maintained.collage has also celebrated yoga day with great imthasuism

File Description	Documents
Best practices in the Institutional website	https://www.rsce.ac.in/pdf/Best_Practice_20-21.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The institute will strive tirelessly to educate and qualify the students from all the strata of the society, who are future engineers and technocrats, to take up challenges of modern era so that they are nationally and globally accepted in the application of their skills and knowledge to the benefit and development of the society. • The majority students are from farming families taking education in our institute. We have maintained such an environment in the institute that these students feel comfortable and they feel proud that we are learning in the institute run by "Dwarka Bahuddeshiya Gramin Vikas Foundation" which is having very high moral values. • We maintain the environment in our institute such that the students from higher social/ economical class and backward class get equal opportunity to grow. This institute is a good example of harmony between the students of various classes. * We also ensure that the student get placement and entrepreneurship after completion of their degree so that their family should get financial support. This helps the family to uplift their economic status and help them to give quality education to their other children.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

At the start of every academic session, the principal calls meeting with head of the Departments (HOD) all deans and faculty members to plan academic calendar. This is followed by all Five departments of the institute including UG & PG Programme. In every department, a meeting is held with faculties to discuss about teaching load and portfolios, are distributed among faculties. Subject allocation to the faculty is done as per area of specialization and their interest by HOD. Subject distribution is planned well in advance for proper academic implementation. Departmental portfolios such as class teacher, test in-charge, project and seminar in-charge, academic in-charge etc. are reassigned from one to other faculty on yearly or three yearly-basis for effective implementation providing opportunity to grow in all aspect. Lab manual, course files, practical and teaching plans are prepared by faculty for the respective subject.

Two internal Term Tests are conducted per semester. Learning of the student is monitored by the faculty members on the basis of continuous evaluation. Report of syllabus coverage and list of defaulters is submitted to the Principal at the end of every Month. The curriculum gaps, if any, are fulfilled by delivering the content beyond syllabus under various activities such as expert lectures, seminars, subject activities and other co-curricular activities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is prepared with objective of planned academics in the institute. The academic calendar lays down details of all the important academic and cultural activities in

the Institute. It also gives details of people responsible for different activities. The academic calendar plans the following

1. Registration of students

2. Class Test-1

3. Class Test-2

4. Remedial Classes

5. Preparation/Revision

6. Feedback by Students

7. University Examination

8. Seminar Presentation and Submission (Final Year Seventh Sem)

9. Project Presentation and Submission (Final Year Eighth Sem)

10. Clearance (All students) Along with the above continuous evaluation in class, practical's, activities, and assigned work is going on by class teachers, subject teachers, project and seminar guide and the teacher's in-charge of activities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating

E. None of the above

University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

04

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0.0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0.0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

RSCE strongly believes imparting values and ethics in students. The cultured and ethical behavior of all faculty and staff members along with traditional campus imparts values and virtues in the students. The Institute engage the students in various activities through various clubs and conduct programs to create awareness among the students through these clubs like National service scheme club, Women Empowerment cell.

University curriculum consists of some subjects to improve professional ethics in students. A subject titled 'Communication Skills' in first year improves the communication skills and professional skills of students. Another subject named 'Environmental Studies' in second year help to develop ethical attitude, multidisciplinary approach and awareness about environmental issues.

A subject entitled 'Software Project Management' in Computer Science Engineering and Information Technology Department defines tools and techniques for the management of a project plan to monitor and to control a project schedule and budget to track project program. These value added courses are introduced as core

/elective / exclusive laboratory courses / interdisciplinary courses and help students grow as a professional.

In addition to curriculum, institute organizes various expert talks, training programs, activities etc. which further support value added courses.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

04

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

55

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	C. Any 2 of the above
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File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	C. Feedback collected and analyzed
---	---

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

25

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

16

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

At RSCE, we believe in outcome-based learning processes, where we identify students as slow learners and advanced learners based on the class interaction, test performances. We emphasis on improving the performance of slow learners by providing remedial programs which are conducted outside regular classes. Specifically, for difficult subjects of the respective department, the mentor-mentee system also provides all kinds of support to the slow learners. The strenuous efforts taken by the faculty towards the slow learners have resulted in students' understanding of their chosen domain. The mentor also identifies other skills and strengths and encourages them to build self-confidence resulting in improvement in academic performance. The mentor takes extra effort to understand the socio-economic backgrounds also which is sometimes a reason for poor performance. All necessary emotional and professional counseling is also provided whenever required. The Institute ensures that a slow learner clears all his courses within stipulated four years of Engineering and provides extra attention to build additional skills which makes them employable. Advanced learners are given opportunities to be part of innovative projects and other technology initiatives of the institute. From the advanced learner, Class Representatives are appointed so as to give a

chance to develop their communication, leadership & team-building skills. This initiative teaches them to strike a perfect balance between academics and extra & co-curricular activities which goes a long way in achieving success in their professional career. They are given the opportunity to participate in Paper Presentations, Project Competitions and participate in Projects.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
308	41

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

We provide an effective platform for students to develop the latest skills, knowledge, attitude, values to shape their behavior in the correct manner. All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The institute organizes an annual technical competition, in which students showcase their learning in the form of innovative projects. Also, students are motivated to participate in intercollege as well as national-level competitions. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

Experiential Learning: Each department conducts programs to support students in their experiential learning. The institution imparts the following experiential learning practices to enhance the creativity and cognitive levels of the students -

Internship -Students get hands-on training while working in the company.

Project development on latest technologies by students

Industrial Visits to engage them in experiential learning while visiting the organization.

Participatory Learning: In this type of learning, students participate in various activities such as seminars, group discussions, posters, projects, and skill-based add-on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills, such as Annual Tech Competition "Tech vision" – It is organized every year for students where selected projects are displayed at the larger platform.

Tech-Vision is organized every year by the students in which students from different colleges participate and learn from each other

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The use of ICT in education adds value to teaching and learning, by enhancing the effectiveness of learning. ICT can lead to improved student learning and better teaching methods. It's a rising trend where education has outgrown the physical constraints of classrooms and acquired mobility. Students access information whenever and wherever they want. It enables students to become better informed in their fields of specialization. The entire campus is having an internet facility to make available resources. Many classrooms are equipped with Projector and White Boards. In addition to the chalk and talk method of teaching, the faculty members are using IT-enabled learning tools such as PPT, Video clippings, Audio systems, to expose the students to advanced knowledge and practical learning. Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of seminars, group discussions,

assignments, tests/viva. Teachers use various ICT tools for conducting workshops on the latest methods such as Programming languages, simulations, etc. NPTEL video lectures are made available to students for long-term Learning and future referencing. Students are counseled with the help of Zoom / Google meet applications.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

10

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

41

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

01

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers**

299

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Transparency initiatives at the institute level: There is a standard process of internal examination in the college. According to the academic calendar, a student must appear in at least 2-class tests out of 3 in each semester. The schedule of the internal examination is decided at the beginning of the session, in the form of an academic calendar. According to the academic calendar, a teacher has to take the class test, which may be in the form of a written test/MCQ based test. The marks of the unit test are shown in the classrooms and each student can ask about its performance. They can observe their test copies. If

there is any difference or discrepancy in their marks, it can immediately be corrected. The test copy of the class test is shown to students for their observation. Further, the test copy of one student is allowed to interchange for observation with another student, at the time of distribution of the answer-sheet in the classrooms. The concerning subject teacher keeps the record of all internal exams, e.g. class tests. After showing the answer sheet to students, the copy of the student is submitted to the college test in charge.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The college follows strictly the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations.

At the Institute level, an examination committee, comprising of senior staff as an officer in charge of Examination and other teaching and non-teaching staff as members, is constituted to handle the issues regarding the evaluation process. The staff distributes evaluated answer sheets to students, and any clarifications or grievances are addressed by the teacher. The internal marks are displayed on the notice board. If any discrepancy like mistakes in the question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after being resolved by the teacher, then he may represent the same to the HOD concerned. All such representations are taken positively and are reassessed by another teacher if necessary. Parents are informed about their ward's performance. Students are counseled by the faculty mentor, and remedial classes are conducted for students who have failed in the examinations. The entire process is maintained transparent, and time-bound by the university.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

In strict compliance with the objectives of Outcome-Based Education (OBE), the Program Outcomes (POs), and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. After attainment of consensus, the same is widely propagated and publicized through various means such as display and/or communication specified hereunder. Website Curriculum /regulations books Department Notice Boards Laboratories Student Induction Programs Meetings/ Interactions with employers Parent meet Faculty meetings Alumni meetings While addressing the students, the HODs create awareness on POs and COs. The faculty members, class teachers, mentors, also inform the students and create awareness and emphasize the need to attain the outcomes.

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporates many areas of inter-related knowledge, skills, and personality traits that are to be acquired by the students during their graduation.

Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess, and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The Course Outcomes are made available in the university syllabus by BOS members

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://rsce.ac.in/pdf/comp_POS.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Response:The assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes are mentioned below:

Method of assessment of POs / PSOs

The program outcomes and Program Specific outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect methods.

Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on University Examination, internal exams, and home assignments.

Finally, program outcomes are assessed and HOD concludes the PO attainment level.

Two assignments are given in each semester. The assignments are provided to students and they refer to the textbooks and good reference books to find out the answers and understand the expected outcome of the given problem.

Best of two (out of three) internal tests are conducted per semester for the following purposes:

To ensure that students have achieved the desired level of competencies at the module level.

To evaluate, whether corresponding COs are achieved or not. According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific CO of the subject.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

91

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://rsce.ac.in/pdf/SSS_20-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00.00

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

00.00

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

00.00

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute is very much keen in providing the research and development environment to the staff and students. In this regard

students and staff are guided and motivated and supported for taking research oriented projects, participation of students in various competitions. An ecosystem is created through utilization of academic material resources in the libraries, spacious workspaces with modern laboratory equipment, computers, high speed internet and Wi-Fi by teachers and students. There is a system for creation and promotion of innovation through activities of cells and departments in the college.

The institution has started NPTEL AudioVideo facility. through this cell it is tried to motivate the students and staff to enrich and upgrade their knowledge with latest technology. All department organises industry interaction programmes and visits for students.Offline and online field visits enhance creativity and innovation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

00.000

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0.0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

01

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

0

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

At Rajarshi Shahu College of Engineering, Buldana has well established "National Service Scheme Department" through which

institute implements various activities. Under NSS institute has organized Blood Donation Camp, Distribution of Mask, Sanitizer and Grain during Covid 19 Pandemic, it has helped them significantly to carry out their livelihood during crises, also felicitation of Frontline Covid Workers by NSS Unit. Various activities carried under NSS unit such as, tree plantation program, online health awareness program, women employment program, food distribution at old age homes, orphanages, water conservation program, food distribution in hospitals during the Pandemic. Institute is committed to impart social responsibility amongst the students. Through these activities students realized the issues faced by needy, helpless & poor people of the society. More over they recognize the efforts of various stakeholders of the society towards its welfare. Institute has adopted one village for organizing social activities through NSS. Institute has year round plan of activities and concerned departments, Various committees make sure its yearly effective execution.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

3

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year
3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

100

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration
3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year
3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

0.0

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

0

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

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 equipment etc.

The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc. The institution ensures adequate availability and optimal utilization of physical infrastructure for teaching learning activities as a well maintained green campus and building construction is 11725.63 sq. mts. For conducting theory classes College encompasses sufficient number of well-furnished, well ventilated, spacious classrooms. Also some classrooms equipped with LCD projectors. 'Court yard - Eco-Friendly Open Class Room' is an initiative to provide the importance of nature in the process of teaching and learning, cultivated in the campus. The College has ICT Classrooms, where

the provision of Multimedia learning, Wi-Fi connectivity and internet access is given. The College has multiple seminar halls. These halls are regularly used for conducting seminars and conferences at the college to encourage the students for active involvement in paper presentations. Laboratories in the college are established as per AICTE and SGBAU norms. All laboratories are equipped with advance and well maintained equipment and facilities. Labs have sufficient licensed software and open source tools to provide the requirements of curriculum & industry enabled teaching. There are Cut section demonstrational models and special motors, electrical motors for electrical engineering, and Power analyzers.

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

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

There is a Separate Sports department head by a sports director. The institute always encourages students to participate in various sports & games. The students participate in the various cultural events in the institute and the students make participation in the Inter-collegiate events. The Kit is available for Cricket, Volleyball, and Indoor games like Table tennis, Caroms, Badminton, and Chess. The institute integrates sports and extra-curricular activities as essential components along with core courses and the continuous evaluation by providing adequate facilities for cultural activities, sports, games (indoor, outdoor)yoga centre etc.

Sports: The College provides better infrastructural facilities for the indoor and outdoor games. Department of Physical Education motivated students by providing expert training guidance.

Cultural Activities: The College has sufficient seminar hall and auditorium hall. These places are always available for the students to perform cultural activities. The college students always participate in different events like Plays, Mimes, Folk Dance, One Act Plays, Street Plays etc. in university inter-collegiate, State and National level. Every year college

organizes an Annual cultural Event Spansparsh Socio Cultural gathering.

Yoga: The Institute also provides space for practice of yoga and periodically conducts yoga sessions for students and staff. College celebrates the yoga day and organizes yoga training every year in the college campus.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

08

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

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

62.058524

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

College library includes complete track of books, journals, newspapers, CD's, etc. There are number of Textbooks, reference books available in the college library. College library is Partially automated using integrated library management system. In library LIBMAN Software is used for Partial automation purpose. Software used to manages the catalog of library. This helps to keep the records of whole transactions of the books available in the library. This software is used for issue and return of books. It also shows availability of the books and number of books present in the library. This software is user friendly. It manages the complete management of the entire library through the software's easy interface. It removes manual process of issuing books by easy and simplified way of issuing book saving time and effort. The software automatically shows fine levied by automatically counting days from the date if issue in case of late return of the book. Generate customized report for library items, library inventory and library fine collection. Library is integrated with all modern facilities and accessories like Bar Code. Features of Library management system in a college - Keep record of different categories like; Books, Journals, Newspapers, Magazines, etc. Classify the books subject wise. Easy way to enter new books. Keep record of complete information of a book like; Book name, Author name, Publisher's name, Date/ Year of publication, Cost of the book, Book purchasing date/ Bill no. Easy way to make a check-out.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	E. None of the above								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Upload any additional information</td><td>View File</td></tr> <tr> <td>Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Upload any additional information	View File	Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File			
File Description	Documents								
Upload any additional information	View File								
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File								
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)									
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)									
0.0									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Any additional information</td><td>No File Uploaded</td></tr> <tr> <td>Audited statements of accounts</td><td>No File Uploaded</td></tr> <tr> <td>Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Any additional information	No File Uploaded	Audited statements of accounts	No File Uploaded	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File	
File Description	Documents								
Any additional information	No File Uploaded								
Audited statements of accounts	No File Uploaded								
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File								
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)									
4.2.4.1 - Number of teachers and students using library per day over last one year									
10									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Any additional information</td><td>View File</td></tr> <tr> <td>Details of library usage by teachers and students</td><td>No File Uploaded</td></tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Details of library usage by teachers and students	No File Uploaded			
File Description	Documents								
Any additional information	View File								
Details of library usage by teachers and students	No File Uploaded								
4.3 - IT Infrastructure									

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

As, the demand for internet access is increasing in educational campuses due to growing standard of education, college is stepping forward to setup secured and stable wired or Wi-Fi network campus for their students. The institute has a high-speed campus-wide network that connects all its departments. The institute has ready access to computing resources, services software, applications, and Wi-Fi at various locations. The locations consist of the corridor of the premises of every department where the wi-fi router has been placed. Students can access the internet from the computer lab at every department apart from the wi-fi facilities available in the institution.

Institution frequently updates its IT facilities including Wi-Fi IT facilities have been updated on regular basis. To maintain computer laboratories, regular purchasing of mouse/Keyboard/RAM and other hardware components are also done. CCTV cameras are also installed to keep surveillance in entire campus. Overall in every year, our computer laboratories were upgraded. There are 160 computer available in the institution and having speed of 100MBPS.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

160

File Description	Documents
Upload any additional information	View File
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

0.19635

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded

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

Maintenance Policy Institute has established a facilities including building ,laboratories, classrooms library and computers .

1.Maintenance of Infrastructure:

The college has separate maintenance departments for civil and electrical works that supervise the maintenance of buildings, classrooms and laboratories. The maintenance engineer conducts periodic checks to ensure the working condition of the infrastructure.

2.Laboratory Maintenance:

Every semester, laboratory equipments are checked, calibrated and

preventive maintenance is done by the laboratory staff. However major maintenance of any equipment or machinery is done by external party. Non-teaching staff regularly carry out maintenance and cleaning of the classrooms and the laboratories.

3.Maintenance of ICT:

All the computers located at different places like, laboratories, library, office , department etc. are maintained and updated by the team of system administrator The software updates ,ICT tools and internet related problems are resolved from the respective services providers.

4.Maintenance of Library:

College Library having more than 11000 books ,journals magazine and other books like based on inspirational, motivational. Every year books are verified for students.

5.Maintenance of sports ground:

For maintenance of sport ground of our institute, expert is appointed for the maintenance purpose of the ground. And if any sport goods got damage then the goods are taken care or in case if that goods is not repairable then sport In-charge purchase new one following the standard operating procedure.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

283

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0.0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

E. none of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

50

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

50

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

02

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

04

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Principal holds regular meetings with students for the issues related to teaching, learning, student activities, examinations and other facilities. A Student Council is a representative structure through which works in partnership with college management and staff and parents for the benefit of the college and its students. College Development Committee, IQAC, NSS Committees, study forums/associations, the Library Committee, have representatives from students and they actively participate in the meetings. Our institution having self-funded student committees which follows the rules and regulations design by SGBAU Amravati. The students are involved in various co-curricular and extra-curricular activities of the college. President of student association and class representatives have responsibility of monitoring and maintaining discipline and showing their active participation in college activities, like Annual Social Gathering, University level sports tournament, celebration of Ganapati festival and other events. Also, by means of student council we celebrate various commemorative days. Students get involved by sharing their ideas, interests and concerns with the college administration for all the cultural & social activities. Students' active participation in college

administration contributes to develop a sincere regard for law, discipline, values, responsibilities and citizenship required for wellbeing of society.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has a registered Alumni association. The Alumni Association is formed as per the Societies Registration Act 1860 (Act XXI of 1860) on dated 30 August 2018 with the title "Rajarshi Shahu Abhiantriki Mahavidyalay Alumni Association, Buldana." The Registration Number as - "Buldana/0000157/2018". The Alumni association contributes actively to the welfare of the institution. The alumni meeting is organized once / twice a year by all the departments. Illustrious and prominent alumni are invited to deliver special lectures, motivating the students to go for higher education and to find the means for job opportunities. Their valid suggestions are taken into

consideration in designing and updating the co-curricular and extracurricular activities. Alumni Association also contribute in institute development and student progression and helping them to get a job. Institute takes Alumni Feedback to improve functioning and services of organization. Our alumni association works as partners to bridge the gap between the industry and academics. Alumni also support in placement and continue bringing good name to the organization. Alumni association help student to boost up their knowledge and gain something new experience about recent trends. In this way Alumni Association help to develop the Institute.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision

Our vision is the ability to see even with eyes closed, to attain new pinnacles of success through human endeavor, along with academics, the institute will give importance to discipline, extra-curricular as well as co-curricular activities.

Mission

Our Mission is to excel in the field of engineering by attending the utmost importance to the technology while giving equal importance to the subjectivity. Catering the needs in the engineering sector in the rural area and to prepare competent engineers, imbued with the spirit of professionalism and

responsible citizenship in a competitive global environment. To this end, management and faculty commit themselves to provide technical education with par excellence and innovative technology.

Objectives

To develop the students' abilities to use the laboratory equipment's and technology in an appropriate and safe manner. To develop students' abilities to measure, organize and communicate scientific information. To assist students in developing knowledge of facts, concepts, technology and principles to confront and interpret their life.

The following management bodies play a major role to have effective development and implementation of quality policy:

- Internal Quality Assurance Cell (IQAC)
- College Development Committee (CDC)
- College Council Committee (CCC)

File Description	Documents
Paste link for additional information	https://www.rsce.ac.in/pages/vision_mission.php
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute has done decentralization by devolving authority to various levels for participative management to have transparency in decision making which leads to good governance. The authority is localized from the top management to Principal then to HODs and faculty coordinators. The IQAC and CDC presume representations of management. These committees include faculty and students to accomplish academic, administrative and project development pursuit which results in constructing an ambience favourable to overall growth and to achieve the grail of the institute.

1. Training and Placement Cell:

Training and placement cell operate in dual mode i.e. organising

for campus placements and presenting for appropriate training to enhance the students employability skills. Training and placement officer takes care of training and placement tasks in the campus. The assistance from each Department is provided by the departmental coordinator assigned for the same. The committee for Training and Placement comprises of the Director, all the Heads of the Department, T&P Officer. The necessary contact is established with the industry people for getting the internships for the students.

Committee Hierarchy:

AMC is headed by senior staff and assisted by department level academic coordinators. The representative from each department acting as Departmental Academic Coordinator is the member of Internal Academic Monitoring committee. All coordinators are responsible in policy making process.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute's perspective plan enriches teaching-learning process continuously to strengthen the core values as well as to improve infrastructure and resources. The institute focuses on skill-based education to develop academic and administration tasks. The institute continuously upgrades ICT facility. ICT ensure effective utilization of teaching- learning infrastructure. Faculties of the institute provide study materials like notes, PPTs, Assignments, NPTEL Video links, NPTEL PDF Links, other Video links, Virtual lab links, research papers links, case studies, objective type questions, list of modules and simulations links, list of Industries related to subjects which are related to the course. Feedbacks are taken from internal stake holders.

Mentor-Mentee System to counsel students and Academic Audit Reports are planned to fulfil the target. To reduce the gap between industry and institute, the institute conducts Industry Institute Interaction Programmes. This programme explores

employability, internship, industrial visits and industrial projects through MOUs.

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

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

ADMINISTRATIVE SETUP:

With the hands-on experience of the management, Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability, and Authorities at every stage.

GOVERNING BODY:

Review academic and other related activities of the College.
Consider new programs of study for approval of AICTE.

PRINCIPAL:

To prepare all the agenda items, coordinate the conduct of meetings, and arrange to follow up all actions required. To provide leadership, guidance, help implement and monitor all the academic activities in compliance with the affiliated university .

HEAD OF THE DEPARTMENT:

Department HOD prepares departmental workload as per the SGBAU university syllabus, Allocation of workload in prescribed formats. Coordinating with library HEAD OF THE DEPARTMENT committee & Prepare updates and standardizing the student Handbook / Lab manuals. Collect & Verify the course material to certify coordinate with Library committee, Time Table In-charge, Lab In-charge, Internal Examination In-charge for smooth class

activities and midterm exams.

IQAC:

IQAC Major Functions Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process Arrangement for feedback response from students, parents, and other stakeholders on quality-related institutional processes

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://rsce.ac.in/pdf/Organograph Naac.pdf
Upload any additional information	View File

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

C. Any 2 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institute has effective welfare measures for teaching and nonteaching staff. The institute follows the

recommendations/rules and regulations of AICTE, DTE, and SGBAU Amravati University.

1. Faculty Empowerment Policy:

P.F: Exists as per government Norms, equally shared by institute and staff.

All the necessary provisions are made for financial containments by institute.

2. Working Hours: As per norms of SGBAU Amaravati University.

3. Leave policy:

Number of CL: As per Norms

Medical Leave: As per Norms

4. Pay policy:

Vith Pay scale, to Assistant professors as per the university norms

5.Increment Policy: Uniform/Feedback based or both.

7. Higher Education policy:

For, PhD - Sponsorship letters shall be provided financial assistance may be considered.

9. Financial Support Policy:

Funding for Research project. Funding for Patent filing.

10. Teacher Incentives and awards for extra ordinary work:

Additional increments. Awards. Certificates and felicitations. Study books allowance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

0.0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

0.0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

2

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute has Performance Appraisal System for teaching and non-teaching staff This system reflects to recognize the potential of the institute and the progressive leadership of fiscal governance. The self-appraisal report earmarks the opportunities challenged in teaching-learning endeavours of the last academic year in following segments:

This performance appraisal system has three categories with 100 marks:

1. Staff Appraisal
2. HODs Recommendation
3. Principal's Evaluation

The staff appraisal has three divisions with predefined value charts for 40, 10 and 30 marks respectively. Hence, it measures 80% of staff appraisal. The HODs recommendation verifies the data of staff appraisal and endorses the additional marks based on performances and feedback monitored. This adds another 15% of the total marks. Principal's evaluates staff appraisal and HODs recommendations. He assesses institute level portfolio of the staff and evaluates 5% to complete the total evaluation with 100 marks. Also he oversees the punctuality and regularity of the staff and evaluates that for negative marking with deduction of upto 10 marks from the total. Finally, Principal prepares the

staff Performance Indicator Chart and forwards to the management for appraisal and incentives. This appraisal system motivates the faculty to develop and enhance their competency through self-learning and research and publications.

File Description	Documents
Paste link for additional information	Nil
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 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute does financial audit at regular intervals by institute's own internal audit system and the external agency. The internal audit is on-going process to thoroughly check and verify of all transactions and vouchers of each financial year. The external auditors verify and certifies the entire Income and Expenditure and the Capital Expenditure of the Institute every year. Minor errors or omissions and commissions when pointed out by the audit team are immediately rectified and precautionary steps are taken to avoid such errors in future.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute is a private and un-aided. Students' fee is the major source of revenue. The top management diligently monitors use of the fund for effective and efficient expenditure on teaching learning endeavours and infrastructure development through annual budget system. Principal monitors all the major financial transactions with approval of the Director. The institute has predefined systems for institute level budget summed up with the budgetary requirement of departments and of all the cells/centres. It manages within the available financial resources. Departmental budget explores all the avenue like up gradation of laboratories, establishment of new laboratories, staff up gradation, workshop and seminars to be conducted, alumni meet, and any other departmental association meets required/planned for the next fiscal year. The Principal reviews the budgets and a final draft of the budget is prepared in consultation of all the heads and senior faculty members as per expansion plans and availability of funds. The final budget is submitted to the management for approval. The institute adopts Indian Accounting Standards to maintain books of accounts. The accounts department monitors authentic records of every income and expenditure transaction. The institute receives approximately 50% of the fees from scholarship Government of India. The remaining part of the fees is received from students. The fund is utilized for Employees Salary and infrastructure development, etc. The governing body approves the budget with necessary allotments.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC has been performing the following tasks on a regular basis:

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.
2. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.
3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak. Students and staff give their feedback and suggestions on teaching and administrative performance through the Suggestion Box located on the campus.

The IQAC has immensely contributed to the implementation of quality assurance strategies and processes at all levels.

The Institute IQAC regularly meets twice in a year.

The Institute IQAC prepares, evaluates, and recommends the following for approval by the relevant Institute and Govt. statutory authorities:

(a) Annual Quality Assurance Report (AQAR)

(b) Self-Study Reports of various accreditation bodies (NAAC, AISHE)

(c) Performance Based Appraisal System (PBAS) implemented.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

recorded the incremental improvement in various activities

The IQAC has a cross domain team of professors for conducting departmental academic audit which guides us to bring-in reforms. This audit is conducted twice in a year to study the curriculum planning and implementation, teaching-learning evaluation, curriculum delivery infrastructure, research culture adoption, student participation, department extension activities, strength, weaknesses, opportunities and challenges/threats best practices and future plans. This guides for the required reforms in teaching-learning process to switch over from traditional teaching to student centric system within the frame of academic calendar. The institute has ICT classrooms with well knitted facilitates which instigates faculties to use animation, power-point presentation and video lectures. The ecosystem supports extension activities such as Industry Institute Interaction, Internship, Expert lectures, and Social activities through NSS for sensitizing the social issues among the student community. The IQAC meets twice or as on and when the necessity arises regarding the reforms and quality monitoring. The objective of IQAC strategic plan facilitates reviewing the academic quality and monitoring to update the lacunas. The IQAC analyses and reviews the institute. The enriched state-of-art laboratories, pollution free campus are the strength of the institute. Being situated in rural area and away from SGBAU Amravati University, it is very difficult to represent in Board of Studies and University Committees. The institute faces challenges of making all students employable and encouraging for entrepreneurship, inculcating research activities and maintaining faculty retention cadre ratio.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or

D. Any 1 of the above

international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://rsce.ac.in/pages/igac_meeting.php
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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**

Our institute is committed to implement the idea of gender equality by giving equal consideration to both boys and the girl students with respect to their identity and personality to be expressed on equal platform. Our college also promoting and following the idea of gender sensitization among the students. Institute has established Women Development & Grievances Cell (WD&G) and National Service Scheme (NSS) Cell to identify, address and conduct various programs on such issues and to empower, strengthen gender equity, and sensitization in curricular and co-curricular activities. WD&G cell is empowered to monitor the activities and address the issues concerning women at the college. To support this, the Women Grievance Complaint box and CCTV surveillance have been set up on the college premises. Also emergency helpline number are also displayed at various locations in the campus.

College has common room for girls. Counseling is provided for girl students by expert counselor. Girl Students Equally Took Part in NSS Camp every year. Our Institute conducts orientation programs for the newly admitted students for various courses.

File Description	Documents
Annual gender sensitization action plan	https://www.rsce.ac.in/pdf/Action_Plan_20%20-21.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

D. Any 1 of the above

File Description	Documents
Geo tagged Photographs	No File Uploaded
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

- Our institution has always promoting ideas to protect environment, health and well-being through implementation of effective waste management practices such as segregation, recycling, and composting.

Promoting the consciousness of generating less waste among students, staff and faculty members has also been adopted. Trees waste such as dried leaves and plant clippings is collected from all around the campus and used for composting; compost so produced is used in organic nourishment for plants in the campus. The solid waste on the campus generated from various potential sources, such as Academic Buildings, Canteen, gardens, lunch box etc. is managed by cleaning staff assigned to different locations on the campus. Dustbins are placed at different locations on the campus with dry and wet waste marked on them. Dustbins are placed in the classrooms, laboratories near the cafeteria, and in the corridors. These bins are emptied daily in the morning; the waste

is collected in hand carts and transported to the disposal sites. Solid waste from the canteen and campus is stored in the SWM unit behind the Electrical engineering building in the campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

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

D. Any 1 of the above

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

7.1.5 - Green campus initiatives include

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

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

E. None of the above

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
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 are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

Our institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Cultural diversity focuses on aspects like: Tolerance and harmony towards cultural and communal diversities:

Independence Day and Republic Day are celebrated every year with grand auspicious functions with faculty, staff, and students. Constitutions Day, National Voters Day, Road Safety Awareness, Environmental Day, various Commemorative days are also celebrated throughout the year. The institute maintains and always supports for holistic culture in the campus.

The institute is also supported by the Government schemes like Tuition Fee Waiver Scheme, EBC, and SEBC and various types of scholarships. The majority of students are from rural areas and they are unable to pay college fees in one time so Institute also facilitated the students with installment payment for fees. Right from the establishment of the institute, the dress code is adopted to avoid social and economic disparity.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

At RSCE Buldhana, we believe in giving holistic all-round education to the students and sensitizing them on our Constitutional rights, values, duties, and responsibilities through various means such as curriculum and extra-curricular activities which are aimed to familiarize about Fundamental Duties and Rights.

NSS conducts a cleanliness drive on the occasion of Swachh Bharat Abhiyan in the college campus as well as in the nearby village area. An oath is taken by all students and faculties to keep their surroundings clean. Skits and other programs are organized in various events related to sensitization on corruption, the responsibility of the young, Child labor, Social media abuse, Favoritism, Mental Health, etc.

Our Institute organizes several programs that are aimed at the promotion of various constitutional rights, duties, and responsibilities of citizens. Our Institute organizes Blood Donation Camps in our college campus. Many teachers and students actively participate in the event to ensure that precious lives are saved. Our institute also celebrates Women Day to mark the achievements of women throughout the history. Similarly, we celebrate World Environment Day and International Yoga Day every year.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://rsce.ac.in/pdf/Sensitization%20Activity_20-21.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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. 4. Annual awareness programmes on Code of Conduct are organized.

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

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

The institution celebrates commemorative days, events, and festivals through NSS and student associations. The cultural activities are informal and are intended to sensitize the academic world to other dimensions of human experiences and knowledge, with the hope that this would enrich the lives of students and make them aware of their social responsibilities and understand the implications of their actions.

Independence Day and Republic Day are celebrated every year. Birthday and death anniversaries of Mahatma Gandhi, Dr.Babasaheb Ambedkar, Chhatrapati Shivaji Maharaj, Lokmanya Tilak, and Swami Vivekanand are celebrated in the campus.

Singing, Dancing, Fashion Show, Drama, Musical Instrument Playing, Traditional Day, Rangoli, Project Exhibition, Extempore, Group Discussion, Debate, etc. are the parts of "SANSPARSH" cultural festival. Students are felicitated and awarded for their remarkable performance in cultural activities and events. The students are also motivated to participate in various intercollegiate and university-level competitions. Due to the Covid Pandemic in the 2020-21 the annual cultural festival had not been conducted.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1:

Blood Donation Camp

This activity is arranged for needy student during hospital emergency. Student arranging this camp in the college. In the camp students from all branches actively participated with great enthusiasm. Donated blood is stored in some of the recognized blood banks. Against the donated blood students are provided with a card. This card is valid for a year. In emergency condition such as accident or low hemoglobin students have free of cost availability of blood.

Students extended this activity at great extent and request nearby villagers and all the staff of engineering college to take part in actively. Many students were benefited in their needed time. Students also keep record of rare blood group such as A+ B+ O- . Doing these activity students able to save lives of many students. In corona pandemic situation many student able to manage blood for their family member. This is noble cause and sends a kind message in the society.

Best practice-2

In the corona pandemic condition student staff need to take care of their personal hygiene. Considering the situation college has arrange yoga session for students as well as staff.

In college campus in morning time yoga session is conducted. By doing yoga oxygen level and overall metabolism is

maintained.collage has also celebrated yoga day with great imthasuism

File Description	Documents
Best practices in the Institutional website	https://www.rsce.ac.in/pdf/Best_Practice_20-21.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The institute will strive tirelessly to educate and qualify the students from all the strata of the society, who are future engineers and technocrats, to take up challenges of modern era so that they are nationally and globally accepted in the application of their skills and knowledge to the benefit and development of the society. • The majority students are from farming families taking education in our institute. We have maintained such an environment in the institute that these students feel comfortable and they feel proud that we are learning in the institute run by "Dwarka Bahuddeshiya Gramin Vikas Foundation" which is having very high moral values. • We maintain the environment in our institute such that the students from higher social/ economical class and backward class get equal opportunity to grow. This institute is a good example of harmony between the students of various classes. * We also ensure that the student get placement and entrepreneurship after completion of their degree so that their family should get financial support. This helps the family to uplift their economic status and help them to give quality education to their other children.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Plan of Action for the next academic year. • To maintain academic quality and excellence. • Promoting students to take projects on real life problems. • Promoting teachers to identify industrial

problems of nearby industries and provide them effective and practical solution. • Promoting teachers to undertake higher level Training on their topic related to regular teaching and area of interest in research for enhancing quality in teaching. • Promoting Research in the institute. - Promoting students to take projects on real life problems. - Promoting teachers to identify industrial problems of nearby industries and provide them effective and practical solution. • Focus will be given in maintaining Teaching Cadre ratio by promoting eligible teaching faculty.