



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

RAJGAD DNYANPEETH'S , SHRI
CHHATRAPATI SHIVAJIRAJE COLLEGE
OF ENGINEERING

- Name of the Head of the institution Sanjay Bapuso Patil
- Designation Principal
- Does the institution function from its own campus? Yes
- Phone no./Alternate phone no. 02113282556
- Mobile No: 9970397696
- Registered e-mail principal@rajgad.edu.in
- Alternate e-mail scscoe@gmail.com
- Address Gat no. 237, Pune- Banglor highway, Dhangwadi, Taluka- Bhor, District: Pune.
- City/Town Pune
- State/UT Maharashtra
- Pin Code 412205

2.Institutional status

- Type of Institution Co-education
- Location Rural

- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University, Pune**
- Name of the IQAC Coordinator **Prof. T. M. Dudhane**
- Phone No. **02113282556**
- Alternate phone No. **7058074645**
- Mobile **9922341662**
- IQAC e-mail address **tmdudhane@yahoo.com**
- Alternate e-mail address **tmdudhane@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) https://www.rajgad.edu.in/pdf/AQAR_Report_2019-20.pdf

4.Whether Academic Calendar prepared during the year? **Yes**

• if yes, whether it is uploaded in the Institutional website Web link: https://www.rajgad.edu.in/pdf/Academic_Calendar_20-21.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.97	2020	08/01/2020	07/01/2025

6.Date of Establishment of IQAC **10/03/2016**

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
NIL	NIL	NIL	NIL	NIL

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**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

i. Conduction of Academic activities through online mode during Covid-19 pandemic period ii. Conduction of Workshop, Guest/Expert Lectures, Add on Course and seminar from all departments. iii. Academic audit and Administrative audit was conducted in every Department

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
Preparation of AQAR for Academic year 2019-20	Submitted AQAR for Academic year 2019-20
Conduction of Academic activities through online mode	Completed Institute Academic activity as per Academic Calendar in Covid-19 pandemic period.
IQAC Meetings Scheduled	Conducted on 16/09/2020 and 13/04/2021
Organization of Guest/Expert lectures through MoU signed other Institutions.	Conducted five Guest lectures online through MoU signed with Karmyogi Engineering College, Pandharpur and four guest lectures taken by our faculty for them on recent topics.
Academic and Administrative Audit of all department	Conducted on 12/07/2021
Feedback on curriculum from stakeholders	The feedbacks were collected and responses were analyzed and submitted to higher authority for action and approval.
Submission of data to AISHE	Proposal submission date 08/01/2022.

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	16/09/2020

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	RAJGAD DNYANPEETH'S , SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
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• Designation	Principal
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• Mobile No:	9970397696
• Registered e-mail	principal@rajgad.edu.in
• Alternate e-mail	scscoe@gmail.com
• Address	Gat no. 237, Pune- Banglor highway, Dhangwadi, Taluka-Bhor, District: Pune.
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	412205
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
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• Name of the IQAC Coordinator	Prof. T. M. Dudhane				
• Phone No.	02113282556				
• Alternate phone No.	7058074645				
• Mobile	9922341662				
• IQAC e-mail address	tmdudhane@yahoo.com				
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• if yes, whether it is uploaded in the Institutional website Web link:	https://www.rajgad.edu.in/pdf/Academic_Calender_20-21.pdf				
5.Accreditation Details					
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Cycle 1	B++	2.97	2020	08/01/2020	07/01/2025
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<p>been uploaded on the institutional website?</p>		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
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Name	Date of meeting(s)
College Development Committee	16/09/2020

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	08/01/2022

15. Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):
17.Skill development:
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
20.Distance education/online education:

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	212
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	911
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	255

File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	240
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	68
File Description	Documents
Data Template	View File
3.2 Number of Sanctioned posts during the year	60
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	16
4.2 Total expenditure excluding salary during the year (INR in lakhs)	393.7
4.3 Total number of computers on campus for academic purposes	307

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

RD's SCSCOE is affiliated to SPPU Pune. University suggests date of commencement and conclusion of semester I and II. The dean academic prepares the institute level academic calendar in consent of Principal for each semester. It consists of planning of prerequisite lectures, unit test, attendance review, syllabus coverage review, prelim exam, university theory exam schedule. The various departments undertake following activities for effective delivery of the university curriculum

1. Departmental academic calendar
2. Subject choice for faculty undertaken
3. Load distribution is done according to syllabus structure
4. Preparation of class timetable, faculty timetable
5. Subject teacher prepares a course file for the allotted subject (which includes course syllabus, course outcome, Co-Po mapping, teaching plan, e-learning sources, notes, test record, question bank etc.)
6. Academic monitoring committee takes the audit of course file
7. Google classroom is used to provide the e-study material to the students (PPT's, Handwritten notes, Assignments, Tutorials, MCQ question bank, university question paper etc.)
8. Activities for slow and advanced learners
9. Parent teacher meet is scheduled for discussion on queries
10. Teacher guardian scheme
11. Virtual industrial visit
12. Faculty development program
13. Guest lecture of subject expert is scheduled
14. Technical quiz.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.rajgad.edu.in/AQAR20-21/1.1.1.pdf

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

Our College follows the calendar issued by the University strictly and plans all its activities including the conduct of Continuous

Internal Evaluation (CIE). Continuous Evaluation Process adopted by college is useful to test practical skills and knowledge obtained by students during course completion. Focus on internal evaluation is around student only. This evaluation is carried out by use of direct and indirect tools. Direct tools include unit tests, assignments, practical, online examinations, In-sem and End sem examinations. Indirect Tools includes course survey, discussions, quiz competitions etc.

Internal Assessment tests (IA), assignments, quizzes, and seminars are part of the CIE of students. The course instructors prepare IA question papers based on the revised Bloom's Taxonomy. The internal assessment test timetable prepared by the examination committee is published to stakeholders and conducted as per the schedule. Post IA tests, evaluation of answer scripts, and calculation of CO-PO/PSO attainment are carried out by respective Course Instructors. Continuous evaluation and assessments are also done for laboratory course, project work, seminars, and internships. Conduction of laboratory experiments and viva, Submission of records are the major components of laboratory evaluation.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://www.rajgad.edu.in/AQAR20-21/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in 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

D. Any 1 of the above

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

18

File Description	Documents
Any additional information	View File
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)

5

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
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

275

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

275

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

RD's SCSCOE integrates cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics are in-separable part of our curriculum. I) Gender: The college has Women Grievance Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty. Institute Women Grievance cell/ICC creates awareness among women against sexual harassment by organizing guest lectures, celebration of International Women's Day etc. II) Environment and Sustainability: Institute takes initiatives for paperless work through biometric attendance. Sustainability is achieved adopting energy efficient technologies such as solar panel has been provided at boy's hostel to save electricity. Institute conducts events to maintain environment sustainability such as Tree plantation, plastic free campus and World environment day etc. Institute offers Audit course to students related to environment sustainability. III) Human Values: To maintain social values Institute conduct events such as Blood donation camp, celebration of Yoga day, and other national and state level cultural and traditional days. IV Professional Ethics: To maintain the professional ethics Institute conduct events like Importance of professionalism in day to day life for teaching and non Teaching Faculty

File Description	Documents
Any additional information	View File
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

24

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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

178

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

B. Any 3 of the above

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

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.rajgad.edu.in/AQAR20-21/1.4.2.pdf

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 sanctioned seats during the year

573

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

77

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

Institute organizes induction program for first year students to get familiar with the college and new environment. Students are informed about the academic calendar, examination structure, grading system and passing criteria. Students allotted through centralized admission process belongs to various backgrounds so learning level of students is first assessed.

The process of analyzing learning level of student focus on:

1. After one month of teaching, on the basis of HSC marks for first year student and previous years marks for SE, TE, and BE students along with Class test-I marks, slow and advanced learners are identified for every subjects.
2. The student securing marks below 40% are considered as slow learner and the students securing marks more than 75% are considered as advanced learners.

Activities for Slow Learners:

1. Remedial Coaching Classes
2. Prerequisites Lectures and Assignments for Slow Learners
3. Provision of Question Paper Solutions, Hand-Written Notes, and Question Bank for all Subjects
4. Personal Attention in Learning Levels through TG.

Activities for Advanced Learners:

1. NPTEL Courses awareness
2. NPTEL Videos Availability
3. Technical Paper Presentation, Quiz Competition
4. Arrangement of Seminar /Workshop /Guest Lectures
5. Industry Sponsored Internships

File Description	Documents
Link for additional Information	https://www.rajgad.edu.in/AQAR20-21/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
911	68

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

In order to enhance learning experience of students, following measures are taken into consideration:

1. Experiential learning:

The institute is having a state of the art laboratory to perform different experiments and analyze results of the experiment in a better way. Laboratories are equipped with latest and upgraded software's. Well-equipped project laboratories and computer center is open for students to work on their project. Student's does internships and field projects in the Industry. MOU'S with different companies are beneficial to the students to take industrial/ experiential knowledge to students on recent technologies.

2. Participative Learning

Students are encouraged to take participation in various workshops and competitions like Hacka-thon, SUPRA inside and outside of the college. Institute supports faculties to organize project competitions, technical workshop and Quiz so that students can participate in such activities. Students participate in group discussion, debate and Quiz organized in college.

3. Problem Solving Methodologies

In order to promote problem solving methodology among students, students are encouraged to take up live/industry sponsored projects. Students are encouraged to design their own applications to solve real life problems.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.rajgad.edu.in/AQAR20-21/2.3.1.pdf

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

Institute consciously takes effort to cultivate creativity in teaching learning process. Along with traditional teaching methods teachers make use of modern teaching aids. All staff members prepares slides (PPTS) of teaching content for proper understanding of the course. Faculties use videos, tutorials and other online material available from the internet for better understanding of the subject. Institute has set of ICT based classroom in all the departments. All classrooms are equipped with LCD permanently mounted on the ceiling. All faculties use Google classroom for effective communication and sharing. The faculty uploads tutorials, assignments and reference material of subject and other academic study material on Google classrooms. Industrial visits, Quiz, Group discussions are used to make teaching learning process effective. Internet and Wi-Fi facilities are made available in the College campus.

During pandemic period we used online video teleconferencing software programs like Zoom, Google-meet, Microsoft teams to conduct online lectures. We also use digital social networking apps like WhatsApp and Gmail to achieve faster and more seamless communication with our studentsgroup. This helps to stay in contact with students and be available for them anytime and anywhere.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.rajgad.edu.in/AQAR20-21/2.3.2.pdf

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

42

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	View File

2.4 - Teacher Profile and Quality

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

68

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

3

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

4.18

File Description	Documents
Any additional information	View File
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.

Reforms initiated on Continuous Internal Evaluation (CIE) system:
 The Institute has constituted examinations committee consisting of College Examination Officer (CEO), assistant to CEO and one faculty member from each department. The Institute conducts the following internal examinations as part of the continuous evaluation of the students. For TE and BE students, two class tests are conducted in a semester and the results are conveyed to the parents by way of SMS. Mock practical orals are also conducted for SE to BE classes.

The term work marks are allocated based on different parameters such as attendance of the student, performance in the internal examinations which includes class tests, mock practical/oral examinations, mock on-line examination, and practical performance and file submissions. Performance of students is assessed continuously during practical performance for regular completion

and understanding. The mid semester submission is part of the academic calendar where the submission of assignments is assessed at a mid of every semester.

Minimum two reviews for seminar and projects are conducted per semester for evaluating the progress of the student. The Institute organizes the Central Assessment Programme (CAP) for TE and BE In-Semester examinations as per the guidelines of affiliating university.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.rajgad.edu.in/AQAR20-21/2.5.1.pdf

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

Institute level academic calendar is prepared by Dean Academics committee well before the commencement of every semester, taking into consideration duration of academic semester, major planned events and public holidays. The institute calendar includes start and end of academic semester, class test weeks, In-semester examination / On-line examination weeks of affiliating university, mock on-line test, mock practical duration weeks, practical and theory examination dates etc.

Based on the Institute level calendar, academic coordinator of the department in consultation with the Heads of department and faculty members of the department prepares the individual department academic calendar. Various departmental planed activities such as guest lectures, add on courses, augmentation courses, seminars/workshops/conferences, industry visits, faculty development programs, department students association activities, seminar reviews, project reviews and academic semester schedule. The department academic calendar is prepared keeping in view the Institute level academic calendar and the specified dates therein. The academic calendar is prominently displayed on various student notice boards and is strictly followed throughout the semester. It is monitored by AMC committee, Head of departments and Principal.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.rajgad.edu.in/AQAR20-21/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The programs offered by institution Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are stated and displayed on website and communicated to teachers and students on online mode.

Well defined Program outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are provided to every program. At the end of course, students must achieve the course outcomes given to them.

In respect of Vision and Mission of department, PSOs are defined at departmental level. Faculties are permitted to modify Cos& are also involved in formation of Cos & PSOs. For achievement of corresponding COs, POs, and PSOs staff training workshops are arranged.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are displayed and conveyed as below.

1. POs and PSOs are published on documents like lab Manuals, Course Files & displayed on college website.
2. POs are published at places like department entrance, department office, etc.
3. PSOs are displayed at Respective HOD's cabin, laboratories etc.
4. POs and PSOs are communicated to students and parent through parent meeting.
5. COs are displayed at respective laboratories.
6. COs are discussed with students.

7. In HOD meeting HODs discuss POs, PSOs, and PEOs.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.rajgad.edu.in/AQAR20-21/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

SCSCOE is committed to attain POs, PSOs and COs. For this institute has used following mechanisms.

Continuous Evaluation during semester: At the beginning, COs of particular subjects are identified by subject teacher and are mapped to POs.

Performance of students is assessed by Individual subject teacher with the help of different tools like continuous evaluation sheet, unit test after end of unit. For every CO target has already decided depend on previous year attainment.

Evaluation at the end of semester: Term end examination and mock practical/oral examinations are conducted at the end of semester. Every faculty designs unit test and Prelim examination paper which will meet certain COs.

In other way COs attainment can be calculated based on the performance of students.

At the Graduation Level: Students performance is evaluated by considering parameters like Project work carried out by student, placement, etc. Different types of feedbacks are used to analyze level of attainment like includes alumni feedback, employers feedback, etc. Review meetings are conducted by AMC/IQAC.

Different types of feedbacks are useful to analyze level of attainmentsatisfied with reference to different parameters like infrastructure of the institute, Teaching- learning process of instiute, placement and other facilities.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.rajgad.edu.in/AQAR20-21/2.6.2.pdf

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

240

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	https://www.rajgad.edu.in/AQAR20-21/2.6.3.pdf

2.7 - Student Satisfaction Survey

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

<https://www.rajgad.edu.in/AQAR20-21/2.7.1.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)

0

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 departments having Research projects funded by government and non government agencies during the year

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

0

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

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

22

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

4

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

5

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

New opportunities are opened for the development of skills and leadership in students by organizing social activities, cultural programs, and awareness programs. This helps students to identify the real-life problems of rural areas.

1. The institute has organized a voter awareness program "Making our voters empowered, Vigilant, Safe and informed" and Quiz on the occasion of National Voter day under NSS.

2. The institution library has organized "Reading Inspiration Day" on the birth anniversary of Late Dr. A. P. J. Abdul Kalam, which motivates students to get knowledge from the books.

3. The institution has organized a "Tree Plantation Program" and "Quiz on World Environmental Day" to reduce the global warming effect and save the environment.
5. The institution has organized "Mazi Vasundhar Abhiyan" to give awareness about the change in the environment and climate.
7. The institution has organized a Blood Donation Camp in which faculty actively participated.
8. The institution has organized International Yoga Day.
9. Institute has organized a program on, "Women's Day Celebration" and a Webinar on, "Uses of medicinal plants in day to day life" under the Internal Complaints Committee.
10. Students and faculty are also participating in "Youth Development" programs.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/3.3.1.pdf
Upload any additional information	View File

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

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

3

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - 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

3.3.3.1 - 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

17

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

17

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

44

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

According to AICTE standards, the institute has suitable facilities, beautiful landscape, aesthetic architecture, environment friendly atmosphere, spacious classrooms, well-equipped laboratories, and good infrastructure.

Land Availability:

The institution has a total of 15 acres of land allocated which occupies 18735 sq. m. of the total area for Academic building. The remaining area is utilised for Parking, Playground, Hostel, Canteen, and other amenities.

Classrooms and Laboratories:

The institute provides well-furnished and well-ventilated classrooms and laboratories with proper visibility and audibility. The institute provides 35 laboratories with a proper experimental setup. The classrooms and laboratories are having all the required facility with Wi-Fi connectivity.

Seminar Hall:

The institute has a 251 sq. m. Seminar Hall where expert lectures, curricular and extracurricular events, etc. can be held. The seminar hall is having all those facilities which are suggested by AICTE standards.

Workshop:

The institute workshop is fully equipped with 25 no. of Lathe machineries. Students are free to carry out their fabrication work. The cost of workshop is 19.34 lakhs.

Central Library:

In library printed titles, volumes, journals and magazines are available. Digital library provides e- resources like e-books and NPTEL video etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.1.1.pdf

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

Institutes has large playing ground which supports a wide variety of games. This ground measures about 35600 Sq.m reserved for sports. Institute organizes various sports, games, cultural activities and many entertaining events throughout the year. The main aim of the institution is to motivate the students' multi-talents in various aspects, other than academics.

In pandemic situation Institute organized online dance competition.

Indoor and Outdoor Games:

Various outdoor games like football, kabaddi, kho-kho, cricket etc. are arranged on this playground. Indoor games like chess, carom are organized in the institute etc.

In pandemic situation Annual sports competition is not being arranged by our Institute.

Gymnasium:

The institute also has a large gymnasium facility with well equipment like Dumbbells, crossover machine, etc.

Yoga Centre:

The International Day of Yoga has been celebrated annually on 21st June. International Yoga Day aims to raise awareness worldwide of the many benefits of practicing yoga. Yoga activities and Meditation programs are arranged every year in seminar hall.

Cultural activities:

Institute arrange annual gathering in an open Amphitheatre. The Amphitheatre has good landscape area for ample seating capacity. The Institute also encourages students to celebrate various days like Yoga day, Independence Day, Ganesh Festival, Shivaji Maharaj Jayanti etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.1.2.pdf

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

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.1.3.pdf
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)

6.81

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
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)

Library at a Glance

Library plays a very important role in the curricular development and to satisfy the reader's thirst of knowledge. Library also has a vital role in acquisition, organization and dissemination of Knowledge. SCSCOE College library system supports the teaching-learning process of institute. College library has an exceptional collection of text books, reference books, general books, journals and magazines, bound volumes, CD-ROMs, online resources and other reading material. Books are classified according to the Dewey Decimal Classification Scheme. Library has excellent infrastructure to meet its requirements, all its operations are computerized using Autolib software and provides access to the collection through OPAC. SCSCOE College library Provide open access system that allows users a direct access to the library collection, book issue return through barcode scanner etc.

It has specialized collections of Books, Journals & other resources in Sciences, Engineering and Technology. Library has 2838 Book titles, 9769 Volumes and Print Journal 30.

The collection includes books, back volumes, NPTEL Database, DELNET E-resources, and CDs\ DVDs.

Library Services:

Existing

Newly Added

Total

No.

Value

No.

Value

No.

Value

Text book

3751

1505808

0

0

3751

1505808

Ref. Book

5820

2542752

0

0

5820

2542752

e-book

9000

80240

6400

73,899.00

6400

73,899

e-Journal

5000

9139

73,660.00

9139

73,660

Journal

218

373749

30

1,09,018.00

248

1,46,367.00

Digital Database

1

13570

1

13,570

2

27,140

Library automation

1

65,500

0

0

1

65,500

CD & VIDEO

932

44,400

0

0

932

44,400

Weeding(Hard & Soft)

0

0

0

0

0

0

Other (Novel Books)

147

6,780

51

5,015

195

11,795

Details of ILMS

Shri Chhatrapati Shivajiraje college of Engineering, Dhangawadi have enabled library with Autolib Library Management Software in 2014 with perceptual License.

Sr.No.

Details of Integrated Library Management System (ILMS)

1

Name of ILMS Software

Autolib

2

Nature of Automation (Fully or Partially)

Fully

3

Version

Autolib-NG

4

Year of Automation

2015

5

Year of Purchase

2014

Salient Features of Library Management Software

1. Easy to use /data entry made simple.
2. Multimedia interface.
3. Simple and fastcounter transactions.
4. Efficient circulation management system.
5. Book ordering and serial controlmade simple.
6. Powerful search(BooleaQuery Builder) facility.
7. Display/printing of records in AARC/ MARC/CCF/Dublin Coreformats/standards.

Standard Modules

1. Database Management - Cataloguing
2. SearchOPAC (OnlinePublicAccessCatalogue)
3. Circulation Management - Transaction 4. Report Management
5. System Administration

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.rajgad.edu.in/AQAR20-21/4.2.1.pdf

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 A. Any 4 or more 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)

3.16

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - 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

18.35

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Response:

The college has established a high speed campus wide network that connects all its departments consisting of 369 systems. A fully distributed computing environment based on clusters of workstations and PC's provides the users ready access to computing resources, services software and applications.

Internet connectivity and Wi-Fi: The institution has leased internet bandwidth of 60 Mbps. Campus is equipped with Wi-Fi facility with 20 Wi-Fi access points.

Computer center: The institution has a separate computer center with 65 computers which is used not only by the students but also used for conducting online University examinations.

ICT Tools: The institution has implemented different information and communication technology tools like smart classroom, interactive board, LCD projector, internet, Wi-Fi, Google

Application like Google Classroom for sharing teaching material, Google form for conduction of online examination and student's feedback. Google meet, Zoom meeting and Microsoft Team for webinar and lectures. The Institute using ERP system for the education management and planning, bulk SMS services for the communication with the student, parent and faculties.

Open source: Institution has open source software like Ubuntu 14.04 LTS, 16.04, 18.04, Net beans IDE 6.8, Eclipse, Python 3.6, Flex,Bison, Open JDK 7, My SQL, Firefox 57.5, and Fedora.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AOAR20-21/4.3.1.pdf

4.3.2 - Number of Computers

369

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

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

File Description	Documents
Upload any additional Information	View File
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)

88.41

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

For the operation of all physical, academic, and support facilities, the institute provides a maintenance, cleaning, and write-off committee.

Maintenance:

1. Laboratories, Computer and IT facility:

Preventive maintenance for equipment is performed prior to the start of the semester to avoid the facility failure. Lab assistant will do the routine maintenance.

Institute has a policy for facility, maintenance and calibration. System admin does the maintenance work of computers and I.T. facilities. Major maintenance work issues is outsourced if necessary.

3. Library:

The stock verification is performed once in a year. Every semester, the journals are bound together. After inspection, torn books are rebound.

4. Sports ground and facilities:

Institute has well maintained ground for out-door games. Consumable sport material is maintained in accordance with policy.

5. Other maintenance:

The institute's core facilities are repaired and maintained on a

regular basis. Wherever it is necessary, the authorized external agencies are contacted. House-keeping services cleans and sanitizes the institute area regularly

B. Utilization:

All physical, academic and support facilities are provided to the students who are admitted in the Institute. All stakeholders can use computers with internet connections. Support facilities like sports, Gymnasium are utilized by students on regular basis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AOAR20-21/4.4.2.pdf

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

963

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

180

File Description	Documents
Upload any additional information	View File
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

A. All of the above

File Description	Documents
Link to institutional website	https://www.rajgad.edu.in/AQAR20-21/5.1.3.pdf
Any additional information	View File
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

314

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

314

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

5.1.5 - The Institution 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	View File
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

115

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

3

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

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/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.

1

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

SCSOE have a Student Council which consisting of students members along with faculties. The student council is constituted as per section 40(2)(b) of Maharashtra University act, 1994. The aim of this Student Council is to facilitate the students for representation and engagement in various administrative, Co-curricular and extracurricular activities. It helps to enhance the virtue of the teamwork and leadership qualities. This Council provides the best platform to all the students to express their opinions about institution and recommends their suggestion as per their expectations. The academic topper students are the members of this council. Delegation of the Student Council includes a Chairperson, General Secretary, Sports Secretary, Ladies Representative and Cultural Secretary. The Committee works effectively to maintain transparency and energizes participation of maximum students in all activities.

Student welfare and discipline committee: It's all about the awareness of rights and responsibilities of the students.

Technical event committee: To plan and arrange technical event to provide platform for technical harvest.

Library Committee: The volunteer invites books, journals and magazines list and make it available for students.

Mess and Canteen committee: The student members of this committee monitor and control the menu, hygiene and quality of the food.

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

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

File Description	Documents
Report of the event	View File
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 institute has formed 'Rajgad Dnyanpeeth Technical Campus Alumni Association (RDTCOA)' in the year of 2015. RDTCOA of the institute was registered with Assistant registrar of the society, Pune region Pune. (Registration number, Maharashtra /189/ 2018/ Pune) as per Maharashtra Government rules.

Following are some main objectives of the RDTCOA:

1. To encourage and inspire Alumni to contribute their valuable time, talent and financial support for institute and students.
2. To enable the highly successful and committed alumni to inspire the students to achieve the best in their professional career.
3. To work delicately in the association for the benefit of the institute.
4. To provide job opportunities for present and past students.
5. To provide a strong means to strengthen the relationship among the faculties, students and alumni.
6. To encourage the alumni to stay associated and to serve as promoters for the institute.

◦ Following are Alumni benefits for the students:

1. Personality development program.
2. Career-counseling.
3. Industry-Institute interaction.

4. Placement assistance.
5. Project assistance for final year students.

Alumni expressed their willingness to contribute in best possible ways for all over development of the institution.

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

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision:

"Excellent Institution for Education, Training and Research in Engineering."

Mission:

- Develop competent engineers along with professional skills and responsible citizen.
- Foster knowledge and technical skills of the highest standards to develop sustainable engineering solution.
- Prepare engineers to respond to needs of the industry, higher studies and research through industry and institute interaction.

Institute has Governing Body, College Development Committee and Internal Quality Assurance Cell act as a top management for designing and implementation of quality policies. Institute has efficient coordination and internal management system. The Internal Quality Assurance Cell is formulated to ensure the

quality enhancement of academic and administrative activities.

The institute has a perspective plan, designed keeping in mind the previous experiences, stakeholder suggestions and changing scenario in the field of engineering to enhance the various activities.

Teachers are the most important part of teaching learning process and actively participating in department level meetings and the resolutions are passed on to the Principal for final decision. In addition, faculty members are serving as members of various committees formed at department level and institute level where the decisions and opinions of committee members play crucial role in decision making.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.1.1.pdf
Upload any additional information	View File

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

Institutes management strongly believe in decentralization of authority and participative management including teaching, non-teaching staff and students for proper working of the Institute. The Principal, Head of Departments, Internal Quality Assurance Cell (IQAC) and Academic Monitoring Committee (AMC) are responsible for academic and administrative leadership of the Institute. The Principal conducts meeting of various committees to discuss and review academic and administrative issues. Through the participative management, various committees are formed for the proper functioning of the Institute.

Case Study: Examination Committee

The examinations are carried out periodically throughout the year for which there is separate examination department. The CEO is in-charge of examination department, the administrative heads are the office employees. They conduct regular meetings and approved by Principal. Thus the participative arrangements are being followed in decision making. The committee is responsible for the smooth conduction of various examinations in the college as per

guidelines provided by the university to conduct various university examinations. The committee assigns supervisory and other monitoring duties to the faculty members of the college. The committee is responsible for the conduction of the examination and other department related practical examinations.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

As per Institution strategic plan, institute interacts with the industry by signing number of MoU's to give wide exposure to student through internship, industry sponsored projects, seminars, and workshops etc. which will help to student to enhance skill sets and become an industry ready person to grab the opportunities such as internship and placement etc. In line with this institute strategy, institute established relation with SSA steel industry by signing MoU and conducted activities to explore industrial knowledge of student.

As a part of this, to create awareness among the students regarding recent trends and practices in construction field, the department of Civil Engineering conducted one day workshop on 'Recent Trends in Pre-engineering building' for the students of civil engineering department. In line with this, to enhance industry-institute collaboration, internship and in campus placement activity is also conducted. As a result of this, company offered placement for nine students from civil engineering department.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.2.1.pdf
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.

Organogram-

The Governing body is constituted as per guidelines of competent authorities. Which play key role in policy making and verifying the reports through the Secretary and corresponded. IQAC cell is an important part of organization which is responsible to maintain quality of education of institution. Various committees comprising of faculty member and administrative staff are involved in planning and implantation, academic and evaluation.

The academics, administrative departments, different functional committees/cells consisting faculty members and students are lead by Principal, Deans and HoDs. As per requirement and benefits of institution, governing body takes the decision and the same has executed through the Principal and heads of academics and administration. College has different cells to conduct activities and programs as per the guidelines of IQAC cell.

The cells like Academic Monitoring Cell (AMC), Research and Development (R and D), Industry Institute Interaction Cell (IIIC), Innovation and Start-up cell, Examination cell, Anti-ragging cell, Alumni cell, National Social Service Cell (NSS), Grievance redressal cell etc. are functioning at institute level. The HoDs along with the teaching and non-teaching staff works in coordination with AMC and Office superintendent (OS) leads various administrative sections.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.2.2.pdf
Link to Organogram of the Institution webpage	https://rajgad.edu.in/iqac.php#organogram
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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
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

Rajgad Dnyanpeeth's, Shree Chhatrapati Shivajiraje College of Engineering provides welfare facilities and services for teaching and non-teaching staff at workplace for continuous improvement in the work are as follows:

1. 10 full days or 20 half days Medical leave per year and 70 days per year vacation for Teaching staff and 30 days earn leaves per year for non-teaching staff is provided
2. On Duty leave of 10 days per Academic Year is provided to attend workshops, seminars, FDP's, conferences and university examination duties for all teaching and non-teaching staff.
3. Special Study Leave to pursue higher education.
4. 15 days Marriage leave is given to all teaching and non teaching staff.

5. The institute has provides Doctor on call facility whenever there is a medical emergency in institute.
6. Institute provides 180 days maternity leave to the female staff according to the norms.
7. As per the provisions of provident fund act, institute contributes to Provident Fund.
8. Institute provided free uniform to non-teaching staff.
9. Wi-Fi campus for Teaching, Non Teaching staff and Students.
10. Institution provides free transport facility to all teaching and non teaching staff.
11. Free hostel accommodation facility is provided to the faculty members

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.3.1.pdf
Upload any additional information	View File

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

02

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

6.3.3 - Number of professional development /administrative training 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

08

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

33

File Description	Documents
IQAC report summary	View File
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

Institution has Performance Appraisal System for teaching and non-teaching staff. In this system, the performances are classified into three categories

1. Teaching, Learning and Evaluation related activities
2. Co-Curricular, Extension and Professional Development related activities
3. Research and Development Contribution

At the end of each academic year, the data pertaining to the above categories are collected from each faculty member in the Self Appraisal Form along with self evaluation. Based on the data collected, API scores are calculated for each of the three categories through Evaluating Authority (EA) is the HoD and the Reviewing Authority (RA) is The Head of Institution (Principal). The EA shall verify all the information, by supporting proofs before commenting on the performance. These scores are used for the award of career advancements to faculty members.

The performance of non-teaching staff is evaluated by HOD on the basis of regularity, punctuality, cooperation and coordination, Accuracy in work, Neatness and tidiness of work, Involvement in departmental and institute activity, Job knowledge and skills, Computer literacy, Quality in work and understanding of job responsibilities in terms of marks/grade and finally, remark on the Appraisal and Assessment by the Principal is done.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.3.5.pdf
Upload any additional information	View File

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

Internal Audit is performed by officials deputed from Rajgad Dnyanpeeth Trust office periodically and the reports are obtained before conduct of the external audit which is normally done after the closure of the accounts in all respects. The recent internal audit of the Institution is carried out on 30th June 2021 for the period of 1 April 2020 to 31 March 2021 (financial year 2020-21). During the Internal Audit, the internal auditor checks receipts with fee receipts, Bank details, cash in hands, cash flow, payment of suppliers, salary statement, payments with vouchers and necessary supporting documents. Also ensures that all payments are

duly authorized.

Subsequently, the external audit is carried out by V. A. Dudhedia and Company. The external auditor conducts statutory audit at the end of financial year. The recent external audit is conducted on 30th November 2021 (financial year 2020-21). The final audit reports with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with Trust office has been completed and the annual returns have been submitted to Income tax Authorities concerned.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.4.1.pdf
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)

1.547

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Shri Chhatrapati Shivajiraje College of Engineering is self financed unaided private institute. The prime source of income for institute is fees received from student, reimbursements of student scholarship by State Government, donations / grants (if any), bank interest received and other miscellaneous income like, Certificate Charges, Hostel charges and transport charges etc.

The Institute Management has a well-defined procedure to monitor

effective and efficient utilization of available resources for infrastructure development. As per policy, the institute utilizes available resources. Institute has well developed and equipped workshop through which funds can be generated by serving client demands.

Requirements such as furniture, maintenance etc. of nearby schools, colleges and institutions are fulfilled through institute workshop itself. As per proposal, under the guidance of head of institute, workshops in charge in consult with store in-charge prepares quotation and submits to the client. After getting clearance from client, workshop in-charge fulfills the requirement of client as per proposal. As per the quotation, client disburses the amount to institute. Account officer verify it and inform to head of institute. The store in-charge verifies the workshop expenses periodically like expenditure on material, machines etc. workshop in-charge submit the report of the same to store in-charge.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.4.3.pdf
Upload any additional information	View File

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

Practice 1: Online Teaching Learning Process-

Regular meetings of IQAC are conducted under the chairmanship of Principal with agenda and suggestions are taken from all the members of IQAC. All teachers are encouraged to use Google meet video conferencing for teaching and instructed to create Google Classroom for their courses for improvement and better implementation of curriculum. Teachers are encouraged to upload study material, PPT, assignment, animation/NPTEL videos, MCQ's, Unit Test etc. enable the interaction to be very effective 24x7 access for learning purpose at any time, round the clock between students and the teachers in the classroom. Each faculty does Continuous Assessment on the basis of Attendance, Unit test, Assignments and performance in laboratory for every course in each semester and prepared the course attainment.

Practice 2: Faculty and Student Development Programs

All departments and committess are conducting various workshops, seminars, events etc. for the skill improvement of faculty and students. It is useful for academic, curricular, extra-curricular, technical and professional exposure throughout the year to the staff and students. To motivate and improve the Quality of Education, faculty and students attended various Workshops/ FDP/ Training Programs/ Seminar organized in the Institute and outside the Institute for professional development.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.5.1.pdf
Upload any additional information	View File

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

IQAC monitors and reviews the teaching learning process, structures and methodologies of operations and learning outcomes regularly.

1. Academic Monitoring

Academic Monitoring Committee (AMC) is Institute level committee responsible to regulating and implementing different academic activities for delivering effective teaching learning process. AMC is headed Dean Academics along with department coordinator. The AMC committee will make regular visits to departments to ensure the proper conduction of classes, overall attendance of the students of each class, progress of the coverage of the syllabus of each class, class tests, In and End-Sem examinations etc as per schedule. The AMC committee will check the all academic records of faculty ensuring the consistancy to the dates mentioned in the academic calendar for conducting various activities by each department.

2. Academic and Administrative Audit

The Institute takes Academic and Administrative Audit (AAA) of each department every year to evaluate the performance and give

suggestions for further improvement of the quality of the teaching, research, curricular and extra-curricular and administration activities. The external auditors evaluate each department AAA considering curricular, teaching learning and evaluation, feedback, research, innovation, publication, collaborations and linkages, student progression, activity conducted / organized and achievements sections and give the recommendations further improvement.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.5.2.a.pdf
Upload any additional information	View File

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)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://rajgad.edu.in/igac.php#annualreports
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

Institution shows gender sensitivity in providing facilities such as

a) Safety and Security

b) Counseling

c) Common Room Response:

1. Safety and Security

The Institution has constituted Internal Complaint Committee for the safety and security of women and girl students. Internal Complaint Committee An exclusive women development cell headed by Prof.Yogita G.Jadhav has been constituted by the Institution.

The following are the functions and responsibilities

- To conduct awareness programs to emphasize on the rights of the women to develop the self confidence and Women Welfare Laws
- To highlight the importance of health and hygiene
- To direct Women's role in the society.
- To develop multi disciplinary approach for the overall personality development. To formulate equity action plan in the development activities of the Institution.
- To build self-esteem and dignity among girl students and women faculty members to create and ensure a safe environment that is free of sexual harassment.
- To create an atmosphere promoting equality and gender justice.
- The mechanism for registering complaints should be safe, accessible and sensitive.
- To take cognizance of complaints about sexual harassment, conduct enquiries, provide assistance and redresses to the victims, recommend penalties and take action against the harasser.
- To recommend to the concerned authorities the follow-up action and monitor the same.
- To advise the disciplinary authority concerned to issue warnings and to take the help of the law to stop the harasser, if the complainant consents.
- To seek medical, police and legal intervention with the

consent of the complainant.

- To make arrangements for appropriate psychological, emotional and physical support (in the form of counseling, security and other assistance)

2. Counseling

The Institute providing mentoring session of every student of every department for personally counseling the students on a need basis on various issues like: stress management, self esteem issues, lack of motivation, time management, friendship issues, emotional issues, behavioral issues, adjustment issues etc.

The counselor conducts group sessions to motivate the students to set appropriate goals and to help them gain clarity on their priorities. Students with backlogs are counseled at regular intervals, for academic motivation and strategies for time management. Lateral entry students are offered group counseling sessions in order to help them integrate with the main stream students.

3. Common Room

Common rooms are available in the Institution which are equipped with tables, chairs, beds, drinking water coolers and wash rooms, exclusively for girl students and women employees. For the inspiring of women empowerment idol women posters also included in common room for girl's student's awareness.

For girl students and Women staff providing Sanitary Incinerators are installed in the rest rooms to promote hygienity.

File Description	Documents
Annual gender sensitization action plan	https://www.rajgad.edu.in/AQAR20-21/7.1.1.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	https://www.rajgad.edu.in/AQAR20-21/7.1.1.pdf

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
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

1.Solid waste management

The solid waste (Dry waste) such as paper, pens, chalks etc.is deposited at each floor dustbins. There is daily 30 kg Food Waste generated in college canteen and is utilized for biogas plant. The bio gas plant is having volume of 2.2 m3 and gas holding capacity of 1.68 m3.

2. Liquid Waste

The waste water from wash basin, urinals, toilets, water cooler etc. is collected in a septic tank of capacity 240000 liter.

3. Bio-medical waste management

The Bio medical waste like sanitary pads in the institute is disposed with the help of Incinerator which are located in each floor woman's wash room area as well as in Girls Common room washroom.

4.E-waste management

E-waste like memory chips, mouse, cables, compact discs, cartridges, cables, switches etc. is collected in E-waste bin. The collected E-waste is given to authorized dealers for reuse and dispose.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://www.rajgad.edu.in/AOAR20-21/7.1.3.pdf
Any other relevant information	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 **C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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: **A. Any 4 or All of the above**

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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 **B. Any 3 of the above**

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms.

B. Any 3 of the above

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
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).

Institution provides a comprehensive atmosphere for everyone with

harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote congruence towards each other.

Commemorative days like Women's day, Yoga day along with many regional festivals like Shivjayanti and Makar Sankranti are celebrated in the college. This establishes positive collaboration among people of different ethnic and cultural backgrounds. There are different grievance redressal cells in the institute like Student grievance redressal cell, women grievance redressal cell which deal with grievances without considering anyone's cultural or traditional background.

Dr. A.P.J. Abdul Kalam, birth anniversary is celebrated as 'Reading Inspiration Day' for staff and students to inculcate inspiration about books which make mind potent yet serene, this also leads to incorporate linguistic as well as socioeconomically behavior in institution.

Transport Facility is available for Students and Staff regularly. All these facilities to the patients are provided irrespective of their caste, creed, color, sex or socioeconomic background. Institute has code of ethics for students and a separate code of ethics for staff which has to be followed by each one of them regardless of their cultural, regional, linguistic, communal socioeconomic and other diversities.

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

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

RD'S SCSCOE focuses on preparing sound academic foundation of students as well as develop them as a better citizen of the country. In this regard, few practices and activities are conducted.

National Anthem: The day of institute starts with National anthem. Every day at 10:00 am National anthem is played in the institute.

Independence day: On 15th August every year institute celebrates independence day with pride and enthusiasm. The day is scheduled with events which start with flag hoisting and speech by the chief guest.

Constitution Day: The Constitution day that is Samvidhana divas is celebrated every year on 26th November in the institute. On this day tribute is given to the Dr.B.R.Ambedkar and constitution is recited by in the program.

Voter's Day: 25th January is celebrated as Voter's day to encourage more young voters to take part in the political process. On behalf of Voter's day, quiz competition is arranged for all students and faculty members.

Republic day: Republic day is celebrated with great enthusiasm on 26th January. National Anthem is followed by flag hoisting ceremony. Speeches of dignitaries make the everyone feel pride of our nation.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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	View File
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	View File
Any other relevant information	View File

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

Institution celebrates various national and international commemorative days, events and festivals as follows.

1. Independence Day: Our Institute celebrates the Independence day every year. Principal sir hoist the flag and conveys speech emphasizing about the connotation of Independence Day to the students and staff. All Head of departments, Teaching Staff, Non teaching Staff along with all the students remains present during the celebration.
2. Republic Day: Our Institute celebrates the Republic Day every year. Principal will hoist the flag and delivers speech highlighting about the significance of republic day to the students and staff. Dignitaries, HoDs also speak along with Principal.
3. International Women's Day: Institute celebrated International Women's Day on 8th March 2021. Women's Redressal Cell has taken the lead in organizing the function in which all women faculty members along with Principal, Staff and Guests participates.
4. World Environment Day: World Environment Day is celebrated annually on 5 June and is the United Nations's principal vehicle for encouraging awareness and action for the protection of the environment.
5. International Yoga Day: The International Day of Yoga has been celebrated annually on 21 June since 2015. Yoga is a physical, mental and spiritual practice which originated in India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

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:

1. Title of the practice : Reach to Unreached

2. Objective of the practice :

- To create a center of attention and retain rural area students in higher education.
- To emphasis the importance of Higher education to rural and remote area students and parents.
- To notify difficulties and barriers of rural and backward communities regarding higher education.
- To increase the enrollment of unreached students to higher education.

3.The practice:

Staff motivates students towards higher education. Staff counsels the students about various options of higher education and careers. Staff also informs the procedures and guidelines regarding various advanced education courses and admission procedures along with reservation information and fees structures. . Well informed staff mentor students till his admission in higher education programme

4. The process:

1. The institute forms three to four teams which includes well informed staff candidates.
2. Remote and rural locations are identified around the institute in periphery of maximum 50 Kilometers.

3. Teams are assigned their work to go to the locations with our institute facility.
4. Our team reaches to the schools with prior appointment and our staff informs and motivates students about the importance of higher education, various options available and career options.
5. Team reaches to rural area and guides and provides information to students eligible for higher education.

5. Evidence of success:

This practice is getting fruitful results as we found that more number of students are turning to higher education and has got more awareness regarding the importance of higher education. Many students admitted in our institute as well. The following is the data of Visits and Students admitted to Higher education due to our practice during A.Y. 2020-21

1. Visit to Bhor taluka rural area
2. Visit to Khandala Taluka area
3. Visit to Purandar taluka Area

Sr.no

Name of Department

Name of the Area

Number of students

1.

Civil Engineering

Bhor, Shirval ,Khandala, Purandar

6

2.

Computer Engineering

4

3.

E&Tc Engineering

3

4.

Mechanical Engineering

5

6.Problems Encountered:

Due to pandemic situation less number of staff appointed for campaigning. We strictly followed rules and regulation of government and avoided gathering or seminars program for guidance.

7. Notes :

- To provide platform for education those who are really needed
- The awareness about higher education has increased in the students as well as in parents.
- Improvement in the good community contact with stakeholders
- To create social awareness for higher education and their benefits

Best Practices 2

1. Title of the Practice: PROJECT COMPETITION

2. Objectives of the Practice:

- To stimulate students and researcher to work on exciting project
- To understand best practices and demonstration of diverse project, new innovations, etc.
- To provide networking opportunity with industries that can help create breakthroughs
- To relate the functioning of industry while working on project and understand how does industry function.

3. Context:

To provide technical based platform to explore student's knowledge and project work through this event .This platform generate

awareness of innovation technology and updated application
representation

4. The Practice:

The proposed Technical Project Competition is recommended for students from Electronics and Telecommunication, Computer, Mechanical, and Civil Engineering Branches and for all those interested in exhibiting their ideas, innovations while working on a specific project to solve real world problems / industry specific problems

5. Process:

1. Project coordinator of the department announces project competition date and rules through notice and register student or group for competition.
2. Any single student or groups of student of the department can Participates in the competition.
3. All the participants interested in competition submit their names with project coordinator of the department.
4. Three judges are appointed by the head of the institute. Judge can be any senior faculty from every department our college.
5. Projects are Represented by online mode the participants on the Event date.
6. Participants present their project in front of three judges.
7. Based on common conclusion and judgment by judges, three projects are awarded as winner rank 1, rank 2 and rank

6. Evidence of Success:

Majority of students of Degree of all branches Presented on their project work in this project Competition. These Reports and Photographs are attached in additional information uploaded

Sr.No

Academic Year

Department

No. of Group Participants

1.

2020-21

Computer Engineering

10

2.

Civil Engineering

6

3.

Electronics Telecommunication Engineering

10

4.

Mechanical Engineering

12

7. Problems Encountered:

Due to Covid situation event conducted by online mode

8. Notes:

The Institute always motivated innovational and Creative activities of every year, Project competition event purpose need to arrange judges by industrial persons and their knowledge and exptrising awareness provided by college through this event.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

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

Rajagd Dnyapeeth's, Shri Chhatrapati Shivajiraje College of Engineering established in the academic year 2009-10 by Shri. AnantraoThopate (Ex. Education Minister - Maharashtra State).The college is affiliated to Savitribai Phule Pune University and approved by AICTE,New Delhi. We are continuously improving to be an Excellent Institution for Education, Training and Research in Engineering.

Our founder president shri.AnatraoThopte has been always keen and concerned in educating the Boys and Girls coming from Hilly and Remote area who are usually economically weaker.

Institute sanctioned Anant Nirmal Scholarship Scheme on 12/7/2013 in response to the request letter by the institute head. The scheme is implemented with effect from A.Y.2013-14 and till date.

The main objective of the scheme is to Provide Financial assistance to economically weaker and rural background students admitted for higher Education in our institute by Fees concessions. Through this scheme we strive to break the barriers towards acquisition of education for the deprived & underprivileged section.

In academic year 2020-21, total 180 students are benefited of Anant-Nirmal Scholarship Scheme by wavier in their fees. The total amount of Rs. 12, 43,597 (Twelve Lacs fourty three thousand five hundred ninety seven Only) Fees Concession is given to the students for A.Y. 2020-21.

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

RD's SCSCOE is affiliated to SPPU Pune. University suggests date of commencement and conclusion of semester I and II. The dean academic prepares the institute level academic calendar in consent of Principal for each semester. It consists of planning of prerequisite lectures, unit test, attendance review, syllabus coverage review, prelim exam, university theory exam schedule. The various departments undertake following activities for effective delivery of the university curriculum

1. Departmental academic calendar
2. Subject choice for faculty undertaken
3. Load distribution is done according to syllabus structure
4. Preparation of class timetable, faculty timetable
5. Subject teacher prepares a course file for the allotted subject (which includes course syllabus, course outcome, Co-Po mapping, teaching plan, e-learning sources, notes, test record, question bank etc.)
6. Academic monitoring committee takes the audit of course file
7. Google classroom is used to provide the e-study material to the students (PPT's, Handwritten notes, Assignments, Tutorials, MCQ question bank, university question paper etc.)
8. Activities for slow and advanced learners
9. Parent teacher meet is scheduled for discussion on queries
10. Teacher guardian scheme
11. Virtual industrial visit
12. Faculty development program
13. Guest lecture of subject expert is scheduled
14. Technical quiz.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.rajgad.edu.in/AQAR20-21/1.1.1.pdf

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

Our College follows the calendar issued by the University strictly and plans all its activities including the conduct of Continuous Internal Evaluation (CIE). Continuous Evaluation Process adopted by college is useful to test practical skills and knowledge obtained by students during course completion. Focus on internal evaluation is around student only. This evaluation is carried out by use of direct and indirect tools. Direct tools include unit tests, assignments, practical, online examinations, In-sem and End sem examinations. Indirect Tools includes course survey, discussions, quiz competitions etc.

Internal Assessment tests (IA), assignments, quizzes, and seminars are part of the CIE of students. The course instructors prepare IA question papers based on the revised Bloom's Taxonomy. The internal assessment test timetable prepared by the examination committee is published to stakeholders and conducted as per the schedule. Post IA tests, evaluation of answer scripts, and calculation of CO-PO/PSO attainment are carried out by respective Course Instructors. Continuous evaluation and assessments are also done for laboratory course, project work, seminars, and internships. Conduction of laboratory experiments and viva, Submission of records are the major components of laboratory evaluation.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://www.rajgad.edu.in/AQAR20-21/1.1.2.pdf

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

D. Any 1 of the above

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

18

File Description	Documents
Any additional information	View File
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)

5

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
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

275

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

275

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

RD's SCSCOE integrates cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics are in-separable part of our curriculum. I) Gender: The college has Women Grievance Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty. Institute Women Grievance cell/ICC creates awareness among women against sexual harassment by organizing guest lectures, celebration of International Women's Day etc. II) Environment and Sustainability: Institute takes initiatives for paperless work through biometric attendance. Sustainability is achieved adopting energy efficient technologies such as solar panel has been provided at boy's hostel to save electricity. Institute conducts events to maintain environment sustainability such as Tree plantation, plastic free campus and World environment day etc. Institute offers Audit course to

students related to environment sustainability. III) Human Values: To maintain social values Institute conduct events such as Blood donation camp, celebration of Yoga day, and other national and state level cultural and traditional days. IV Professional Ethics: To maintain the professional ethics Institute conduct events like Importance of professionalism in day to day life for teaching and non Teaching Faculty

File Description	Documents
Any additional information	View File
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

24

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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

178

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**

B. Any 3 of the above

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

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.rajgad.edu.in/AQAR20-21/1.4.2.pdf

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 sanctioned seats during the year

573

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

77

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

Institute organizes induction program for first year students to get familiar with the college and new environment. Students are informed about the academic calendar, examination structure, grading system and passing criteria. Students allotted through centralized admission process belongs to various backgrounds so learning level of students is first assessed.

The process of analyzing learning level of student focus on:

1. After one month of teaching, on the basis of HSC marks for first year student and previous years marks for SE, TE, and BE students along with Class test-I marks, slow and advanced learners are identified for every subjects.
2. The student securing marks below 40% are considered as slow learner and the students securing marks more than 75% are considered as advanced learners.

Activities for Slow Learners:

1. Remedial Coaching Classes
2. Prerequisites Lectures and Assignments for Slow Learners
3. Provision of Question Paper Solutions, Hand-Written Notes, and Question Bank for all Subjects
4. Personal Attention in Learning Levels through TG.

Activities for Advanced Learners:

1. NPTEL Courses awareness
2. NPTEL Videos Availability
3. Technical Paper Presentation, Quiz Competition
4. Arrangement of Seminar /Workshop /Guest Lectures
5. Industry Sponsored Internships

File Description	Documents
Link for additional Information	https://www.rajgad.edu.in/AQAR20-21/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
911	68

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

In order to enhance learning experience of students, following measures are taken into consideration:

1. Experiential learning:

The institute is having a state of the art laboratory to perform different experiments and analyze results of the experiment in a better way. Laboratories are equipped with

latest and upgraded software's. Well-equipped project laboratories and computer center is open for students to work on their project. Student's does internships and field projects in the Industry. MOU'S with different companies are beneficial to the students to take industrial/ experiential knowledge to students on recent technologies.

2. Participative Learning

Students are encouraged to take participation in various workshops and competitions like Hacka-thon, SUPRA inside and outside of the college. Institute supports faculties to organize project competitions, technical workshop and Quiz so that students can participate in such activities. Students participate in group discussion, debate and Quiz organized in college.

3. Problem Solving Methodologies

In order to promote problem solving methodology among students, students are encouraged to take up live/industry sponsored projects. Students are encouraged to design their own applications to solve real life problems.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.rajgad.edu.in/AQAR20-21/2.3.1.pdf

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

Institute consciously takes effort to cultivate creativity in teaching learning process. Along with traditional teaching methods teachers make use of modern teaching aids. All staff members prepares slides (PPTS) of teaching content for proper understanding of the course. Faculties use videos, tutorials and other online material available from the internet for better understanding of the subject. Institute has set of ICT based classroom in all the departments. All classrooms are equipped with LCD permanently mounted on the ceiling. All faculties use Google classroom for effective communication and sharing. The faculty uploads tutorials, assignments and reference material

of subject and other academic study material on Google classrooms. Industrial visits, Quiz, Group discussions are used to make teaching learning process effective. Internet and Wi-Fi facilities are made available in the College campus.

During pandemic period we used online video teleconferencing software programs like Zoom, Google-meet, Microsoft teams to conduct online lectures. We also use digital social networking apps like WhatsApp and Gmail to achieve faster and more seamless communication with our students group. This helps to stay in contact with students and be available for them anytime and anywhere.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.rajgad.edu.in/AOAR20-21/2.3.2.pdf

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

42

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	View File

2.4 - Teacher Profile and Quality

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

68

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

3

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

4.18

File Description	Documents
Any additional information	View File
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.

Reforms initiated on Continuous Internal Evaluation (CIE) system: The Institute has constituted examinations committee consisting of College Examination Officer (CEO), assistant to CEO and one faculty member from each department. The Institute conducts the following internal examinations as part of the continuous evaluation of the students. For TE and BE students, two class tests are conducted in a semester and the results are conveyed to the parents by way of SMS. Mock practical orals are also conducted for SE to BE classes.

The term work marks are allocated based on different parameters such as attendance of the student, performance in the internal examinations which includes class tests, mock practical/oral examinations, mock on-line examination, and practical performance and file submissions. Performance of students is assessed continuously during practical performance for regular completion and understanding. The mid semester submission is part of the academic calendar where the submission of assignments is assessed at a mid of every semester.

Minimum two reviews for seminar and projects are conducted per semester for evaluating the progress of the student. The Institute organizes the Central Assessment Programme (CAP) for TE and BE In-Semester examinations as per the guidelines of affiliating university.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.rajgad.edu.in/AQAR20-21/2.5.1.pdf

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

Institute level academic calendar is prepared by Dean Academics committee well before the commencement of every semester, taking into consideration duration of academic semester, major planned events and public holidays. The institute calendar includes start and end of academic semester, class test weeks, In-semester examination / On-line examination weeks of affiliating university, mock on-line test, mock practical duration weeks, practical and theory examination dates etc.

Based on the Institute level calendar, academic coordinator of

the department in consultation with the Heads of department and faculty members of the department prepares the individual department academic calendar. Various departmental planned activities such as guest lectures, add on courses, augmentation courses, seminars/workshops/conferences, industry visits, faculty development programs, department students association activities, seminar reviews, project reviews and academic semester schedule. The department academic calendar is prepared keeping in view the Institute level academic calendar and the specified dates therein. The academic calendar is prominently displayed on various student notice boards and is strictly followed throughout the semester. It is monitored by AMC committee, Head of departments and Principal.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.rajgad.edu.in/AOAR20-21/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The programs offered by institution Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are stated and displayed on website and communicated to teachers and students on online mode.

Well defined Program outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are provided to every program. At the end of course, students must achieve the course outcomes given to them.

In respect of Vision and Mission of department, PSOs are defined at departmental level. Faculties are permitted to modify Cos& are also involved in formation of Cos & PSOs. For achievement of corresponding COs, POs, and PSOs staff training workshops are arranged.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are displayed and conveyed as below.

1. POs and PSOs are published on documents like lab Manuals,

Course Files & displayed on college website.

2. POs are published at places like department entrance, department office, etc.

3. PSOs are displayed at Respective HOD's cabin, laboratories etc.

4. POs and PSOs are communicated to students and parent through parent meeting.

5. COs are displayed at respective laboratories.

6. COs are discussed with students.

7. In HOD meeting HODs discuss POs, PSOs, and PEOs.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.rajgad.edu.in/AQAR20-21/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

SCSCOE is committed to attain POs, PSOs and COs. For this institute has used following mechanisms.

Continuous Evaluation during semester: At the beginning, COs of particular subjects are identified by subject teacher and are mapped to POs.

Performance of students is assessed by Individual subject teacher with the help of different tools like continuous evaluation sheet, unit test after end of unit. For every CO target has already decided depend on previous year attainment.

Evaluation at the end of semester: Term end examination and mock practical/oral examinations are conducted at the end of semester. Every faculty designs unit test and Prelim examination paper which will meet certain COs.

In other way COs attainment can be calculated based on the performance of students.

At the Graduation Level: Students performance is evaluated by considering parameters like Project work carried out by student, placement, etc. Different types of feedbacks are used to analyze level of attainment like includes alumni feedback, employers feedback, etc. Review meetings are conducted by AMC/IQAC.

Different types of feedbacks are useful to analyze level of attainmentsatisfied with reference to different parameters like infrastructure of the institute, Teaching- learning process of instiute, placement and other facilities.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.rajgad.edu.in/AQAR20-21/2.6.2.pdf

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

240

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	https://www.rajgad.edu.in/AQAR20-21/2.6.3.pdf

2.7 - Student Satisfaction Survey

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

<https://www.rajgad.edu.in/AQAR20-21/2.7.1.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)

0

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 departments having Research projects funded by government and non government agencies during the year

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

0

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

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

22

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

4

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

5

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

New opportunities are opened for the development of skills and leadership in students by organizing social activities, cultural programs, and awareness programs. This helps students to identify the real-life problems of rural areas.

1. The institute has organized a voter awareness program "Making our voters empowered, Vigilant, Safe and informed" and Quiz on the occasion of National Voter day under NSS.
2. The institution library has organized "Reading Inspiration Day" on the birth anniversary of Late Dr. A. P. J. Abdul Kalam, which motivates students to get knowledge from the books.
3. The institution has organized a "Tree Plantation Program" and "Quiz on World Environmental Day" to reduce the global warming effect and save the environment.
5. The institution has organized "Mazi Vasundhar Abhiyan" to give awareness about the change in the environment and climate.
7. The institution has organized a Blood Donation Camp in which faculty actively participated.
8. The institution has organized International Yoga Day.
9. Institute has organized a program on, "Women's Day Celebration" and a Webinar on, "Uses of medicinal plants in day to day life" under the Internal Complaints Committee.
10. Students and faculty are also participating in "Youth Development" programs.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AOAR20-21/3.3.1.pdf
Upload any additional information	View File

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

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

3

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - 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

3.3.3.1 - 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

17

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

17

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

44

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

According to AICTE standards, the institute has suitable facilities, beautiful landscape, aesthetic architecture, environment friendly atmosphere, spacious classrooms, well-equipped laboratories, and good infrastructure.

Land Availability:

The institution has a total of 15 acres of land allocated which occupies 18735 sq. m. of the total area for Academic building. The remaining area is utilised for Parking, Playground, Hostel, Canteen, and other amenities.

Classrooms and Laboratories:

The institute provides well-furnished and well-ventilated classrooms and laboratories with proper visibility and audibility. The institute provides 35 laboratories with a proper experimental setup. The classrooms and laboratories are having all the required facility with Wi-Fi connectivity.

Seminar Hall:

The institute has a 251 sq. m. Seminar Hall where expert lectures, curricular and extracurricular events, etc. can be held. The seminar hall is having all those facilities which are suggested by AICTE standards.

Workshop:

The institute workshop is fully equipped with 25 no. of Lathe machineries. Students are free to carry out their fabrication work. The cost of workshop is 19.34 lakhs.

Central Library:

In library printed titles, volumes, journals and magazines are available. Digital library provides e- resources like e-books and NPTEL video etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.1.1.pdf

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

Institutes has large playing ground which supports a wide variety of games. This ground measures about 35600 Sq.m reserved for sports. Institute organizes various sports, games, cultural activities and many entertaining events throughout the year. The main aim of the institution is to motivate the students' multi -talents in various aspects, other than academics.

In pandemic situation Institute organized online dance competition.

Indoor and Outdoor Games:

Various outdoor games like football, kabaddi, kho-kho, cricket etc. are arranged on this playground. Indoor games like chess, carom are organized in the institute etc.

In pandemic situation Annual sports competition is not being arranged by our Institute.

Gymnasium:

The institute also has a large gymnasium facility with well equipment like Dumbbells, crossover machine, etc.

Yoga Centre:

The International Day of Yoga has been celebrated annually

on 21st June. International Yoga Day aims to raise awareness worldwide of the many benefits of practicing yoga. Yoga activities and Meditation programs are arranged every year in seminar hall.

Cultural activities:

Institute arrange annual gathering in an open Amphitheatre. The Amphitheatre has good landscape area for ample seating capacity. The Institute also encourages students to celebrate various days like Yoga day, Independence Day, Ganesh Festival, Shivaji Maharaj Jayanti etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.1.2.pdf

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

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.1.3.pdf
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)

6.81

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
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)

Library at a Glance

Library plays a very important role in the curricular development and to satisfy the reader's thirst of knowledge. Library also has a vital role in acquisition, organization and dissemination of Knowledge. SCSCOE College library system supports the teaching-learning process of institute. College library has an exceptional collection of text books, reference books, general books, journals and magazines, bound volumes, CD-ROMs, online resources and other reading material. Books are classified according to the Dewey Decimal Classification Scheme. Library has excellent infrastructure to meet its requirements, all its operations are computerized using Autolib software and provides access to the collection through OPAC. SCSCOE College library Provide open access system that allows users a direct access to the library collection, book issue return through barcode scanner etc.

It has specialized collections of Books, Journals & other resources in Sciences, Engineering and Technology. Library has 2838 Book titles, 9769 Volumes and Print Journal 30.

The collection includes books, back volumes, NPTEL Database, DELNET E-resources, and CDs\ DVDs.

Library Services:

Existing

Newly Added

Total

No.

Value

No.

Value

No.

Value

Text book

3751

1505808

0

0

3751

1505808

Ref. Book

5820

2542752

0

0

5820

2542752

e-book

9000

80240

6400

73,899.00

6400

73,899

e-Journal

5000

9139

73,660.00

9139

73,660

Journal

218

373749

30

1,09,018.00

248

1,46,367.00

Digital Database

1

13570

1

13,570

2

27,140

Library automation

1

65,500

0

0

1

65,500

CD & VIDEO

932

44,400

0

0

932

44,400

Weeding(Hard & Soft)

0

0

0

0

0

0

Other (Novel Books)

147

6,780

51

5,015

195

11,795

Details of ILMS

Shri Chhatrapati Shivajiraje college of Engineering, Dhangawadi have enabled library with Autolib Library Management Software in 2014 with perceptual License.

Sr.No.

Details of Integrated Library Management System (ILMS)

1

Name of ILMS Software

Autolib

2

Nature of Automation (Fully or Partially)

Fully

3

Version

Autolib-NG

4

Year of Automation

2015

5

Year of Purchase

2014

Salient Features of Library Management Software

1. Easy to use /data entry made simple.
2. Multimedia interface.
3. Simple and fastcounter transactions.
4. Efficient circulation management system.
5. Book ordering and serial controlmade simple.
6. Powerful search(BooleaQuery Builder) facility.
7. Display/printing of records in AACR/ MARC/CCF/Dublin Coreformats/standards.

Standard Modules

1. Database Management - Cataloguing
2. SearchOPAC (OnlinePublicAccessCatalogue)
3. Circulation Management - Transaction 4. Report Management
5. System Administration

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.rajgad.edu.in/AQAR20-21/4.2.1.pdf

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

A. Any 4 or more 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)

3.16

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - 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

18.35

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Response :

The college has established a high speed campus wide network that connects all its departments consisting of 369 systems. A fully distributed computing environment based on clusters of

workstations and PC's provides the users ready access to computing resources, services software and applications.

Internet connectivity and Wi-Fi: The institution has leased internet bandwidth of 60 Mbps. Campus is equipped with Wi-Fi facility with 20 Wi-Fi access points.

Computer center: The institution has a separate computer center with 65 computers which is used not only by the students but also used for conducting online University examinations.

ICT Tools: The institution has implemented different information and communication technology tools like smart classroom, interactive board, LCD projector, internet, Wi-Fi, Google Application like Google Classroom for sharing teaching material, Google form for conduction of online examination and student's feedback. Google meet, Zoom meeting and Microsoft Team for webinar and lectures. The Institute using ERP system for the education management and planning, bulk SMS services for the communication with the student, parent and faculties.

Open source: Institution has open source software like Ubuntu 14.04 LTS, 16.04, 18.04, Net beans IDE 6.8, Eclipse, Python 3.6, Flex,Bison, Open JDK 7, My SQL, Firefox 57.5, and Fedora.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.3.1.pdf

4.3.2 - Number of Computers

369

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)

88.41

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

For the operation of all physical, academic, and support facilities, the institute provides a maintenance, cleaning, and write-off committee.

Maintenance:

1. Laboratories, Computer and IT facility:

Preventive maintenance for equipment is performed prior to the start of the semester to avoid the facility failure. Lab assistant will do the routine maintenance.

Institute has a policy for facility, maintenance and calibration. System admin does the maintenance work of

computers and I.T. facilities. Major maintenance work issues is outsourced if necessary.

3. Library:

The stock verification is performed once in a year. Every semester, the journals are bound together. After inspection, torn books are rebound.

4. Sports ground and facilities:

Institute has well maintained ground for out-door games. Consumable sport material is maintained in accordance with policy.

5. Other maintenance:

The institute's core facilities are repaired and maintained on a regular basis. Wherever it is necessary, the authorized external agencies are contacted. House-keeping services cleans and sanitizes the institute area regularly

B. Utilization:

All physical, academic and support facilities are provided to the students who are admitted in the Institute. All stakeholders can use computers with internet connections. Support facilities like sports, Gymnasium are utilized by students on regular basis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/4.4.2.pdf

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

963

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

180

File Description	Documents
Upload any additional information	View File
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

A. All of the above

File Description	Documents
Link to institutional website	https://www.rajgad.edu.in/AQAR20-21/5.1.3.pdf
Any additional information	View File
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

314

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

314

File Description	Documents
Any additional information	View File
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	View File
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

115

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

3

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

3

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/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.

1

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

SCSOE have a Student Council which consisting of students members along with faculties. The student council is constituted as per section 40(2)(b) of Maharashtra University act, 1994.The aim of this Student Council is to facilitate the students for representation and engagement in various administrative, Co-curricular and extracurricular activities. It helps to enhance the virtue of the teamwork and leadership qualities. This Council provides the best platform to all the students to express their opinions about institution and recommends their suggestion as per their expectations. The

academic topper students are the members of this council. Delegation of the Student Council includes a Chairperson, General Secretary, Sports Secretary, Ladies Representative and Cultural Secretary. The Committee works effectively to maintain transparency and energizes participation of maximum students in all activities.

Student welfare and discipline committee: It's all about the awareness of rights and responsibilities of the students.

Technical event committee: To plan and arrange technical event to provide platform for technical harvest.

Library Committee: The volunteer invites books, journals and magazines list and make it available for students.

Mess and Canteen committee: The student members of this committee monitor and control the menu, hygiene and quality of the food.

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

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

7

File Description	Documents
Report of the event	View File
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 institute has formed 'Rajgad Dnyanpeeth Technical Campus Alumni Association (RDTCAA)' in the year of 2015. RDTCAA of the institute was registered with Assistant registrar of the society, Pune region Pune. (Registration number, Maharashtra /189/ 2018/ Pune) as per Maharashtra Government rules.

Following are some main objectives of the RDTCAA:

1. To encourage and inspire Alumni to contribute their valuable time, talent and financial support for institute and students.
2. To enable the highly successful and committed alumni to inspire the students to achieve the best in their professional career.
3. To work delicately in the association for the benefit of the institute.
4. To provide job opportunities for present and past students.
5. To provide a strong means to strengthen the relationship among the faculties, students and alumni.
6. To encourage the alumni to stay associated and to serve as promoters for the institute.

◦ Following are Alumni benefits for the students:

1. Personality development program.
2. Career-counseling.
3. Industry-Institute interaction.
4. Placement assistance.
5. Project assistance for final year students.

Alumni expressed their willingness to contribute in best possible ways for all over development of the institution.

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)	D. 1 Lakhs - 3Lakhs
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File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision:

“Excellent Institution for Education, Training and Research in Engineering.”

Mission:

- Develop competent engineers along with professional skills and responsible citizen.
- Foster knowledge and technical skills of the highest standards to develop sustainable engineering solution.
- Prepare engineers to respond to needs of the industry, higher studies and research through industry and institute interaction.

Institute has Governing Body, College Development Committee and Internal Quality Assurance Cell act as a top management for designing and implementation of quality policies. Institute has efficient coordination and internal management system. The Internal Quality Assurance Cell is formulated to ensure the quality enhancement of academic and administrative activities.

The institute has a perspective plan, designed keeping in mind the previous experiences, stakeholder suggestions and changing scenario in the field of engineering to enhance the various activities.

Teachers are the most important part of teaching learning process and actively participating in department level meetings and the resolutions are passed on to the Principal for final decision. In addition, faculty members are serving as members of various committees formed at department level and institute

level where the decisions and opinions of committee members play crucial role in decision making.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AOAR20-21/6.1.1.pdf
Upload any additional information	View File

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

Institutes management strongly believe in decentralization of authority and participative management including teaching, non-teaching staff and students for proper working of the Institute. The Principal, Head of Departments, Internal Quality Assurance Cell (IQAC) and Academic Monitoring Committee (AMC) are responsible for academic and administrative leadership of the Institute. The Principal conducts meeting of various committees to discuss and review academic and administrative issues. Through the participative management, various committees are formed for the proper functioning of the Institute.

Case Study: Examination Committee

The examinations are carried out periodically throughout the year for which there is separate examination department. The CEO is in-charge of examination department, the administrative heads are the office employees. They conduct regular meetings and approved by Principal. Thus the participative arrangements are being followed in decision making. The committee is responsible for the smooth conduction of various examinations in the college as per guidelines provided by the university to conduct various university examinations. The committee assigns supervisory and other monitoring duties to the faculty members of the college. The committee is responsible for the conduction of the examination and other department related practical examinations.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

As per Institution strategic plan, institute interacts with the industry by signing number of MoU's to give wide exposure to student through internship, industry sponsored projects, seminars, and workshops etc. which will help to student to enhance skill sets and become an industry ready person to grab the opportunities such as internship and placement etc. In line with this institute strategy, institute established relation with SSA steel industry by signing MoU and conducted activities to explore industrial knowledge of student.

As a part of this, to create awareness among the students regarding recent trends and practices in construction field, the department of Civil Engineering conducted one day workshop on 'Recent Trends in Pre-engineering building' for the students of civil engineering department. In line with this, to enhance industry-institute collaboration, internship and in campus placement activity is also conducted. As a result of this, company offered placement for nine students from civil engineering department.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.2.1.pdf
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.

Organogram-

The Governing body is constituted as per guidelines of competent authorities. Which play key role in policy making and verifying the reports through the Secretary and corresponded. IQAC cell is an important part of organization which is responsible to maintain quality of education of institution. Various committees comprising of faculty member and administrative staff are involved in planning and implantation, academic and evaluation.

The academics, administrative departments, different functional committees/cells consisting faculty members and students are lead by Principal, Deans and HoDs. As per requirement and benefits of institution, governing body takes the decision and the same has executed through the Principal and heads of academics and administration. College has different cells to conduct activities and programs as per the guidelines of IQAC cell.

The cells like Academic Monitoring Cell (AMC), Research and Development (R and D), Industry Institute Interaction Cell (IIIC), Innovation and Start-up cell, Examination cell, Anti-ragging cell, Alumni cell, National Social Service Cell (NSS), Grievance redressal cell etc. are functioning at institute level. The HoDs along with the teaching and non-teaching staff works in coordination with AMC and Office superintendent (OS) leads various administrative sections.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.2.2.pdf
Link to Organogram of the Institution webpage	https://rajgad.edu.in/igac.php#organogram
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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
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

Rajgad Dnyanpeeth's, Shree Chhatrapati Shivajiraje College of Engineering provides welfare facilities and services for teaching and non-teaching staff at workplace for continuous improvement in the work are as follows:

1. 10 full days or 20 half days Medical leave per year and 70 days per year vacation for Teaching staff and 30 days earn leaves per year for non-teaching staff is provided
2. On Duty leave of 10 days per Academic Year is provided to attend workshops, seminars, FDP's, conferences and university examination duties for all teaching and non-teaching staff.
3. Special Study Leave to pursue higher education.
4. 15 days Marriage leave is given to all teaching and non teaching staff.
5. The institute has provides Doctor on call facility whenever there is a medical emergency in institute.
6. Institute provides 180 days maternity leave to the female staff according to the norms.
7. As per the provisions of provident fund act, institute contributes to Provident Fund.
8. Institute provided free uniform to non-teaching staff.
9. Wi-Fi campus for Teaching, Non Teaching staff and Students.
10. Institution provides free transport facility to all teaching and non teaching staff.
11. Free hostel accommodation facility is provided to the faculty members

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.3.1.pdf
Upload any additional information	View File

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

02

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

6.3.3 - Number of professional development /administrative training 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

08

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

33

File Description	Documents
IQAC report summary	View File
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

Institution has Performance Appraisal System for teaching and non-teaching staff. In this system, the performances are classified into three categories

1. Teaching, Learning and Evaluation related activities
2. Co-Curricular, Extension and Professional Development related activities
3. Research and Development Contribution

At the end of each academic year, the data pertaining to the above categories are collected from each faculty member in the Self Appraisal Form along with self evaluation. Based on the data collected, API scores are calculated for each of the three categories through Evaluating Authority (EA) is the HoD and the Reviewing Authority (RA) is The Head of Institution (Principal). The EA shall verify all the information, by supporting proofs before commenting on the performance. These scores are used for the award of career advancements to faculty members.

The performance of non-teaching staff is evaluated by HOD on the basis of regularity, punctuality, cooperation and coordination, Accuracy in work, Neatness and tidiness of work, Involvement in departmental and institute activity, Job knowledge and skills, Computer literacy, Quality in work and understanding of job responsibilities in terms of marks/grade and finally, remark on the Appraisal and Assessment by the Principal is done.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.3.5.pdf
Upload any additional information	View File

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

Internal Audit is performed by officials deputed from Rajgad Dnyanpeeth Trust office periodically and the reports are obtained before conduct of the external audit which is normally done after the closure of the accounts in all respects. The recent internal audit of the Institution is carried out on 30th June 2021 for the period of 1 April 2020 to 31 March 2021 (financial year 2020-21). During the Internal Audit, the internal auditor checks receipts with fee receipts, Bank

details, cash in hands, cash flow, payment of suppliers, salary statement, payments with vouchers and necessary supporting documents. Also ensures that all payments are duly authorized.

Subsequently, the external audit is carried out by V. A. Dudhedia and Company. The external auditor conducts statutory audit at the end of financial year. The recent external audit is conducted on 30th November 2021 (financial year 2020-21). The final audit reports with audit findings are submitted to the Management. The consolidation of the findings of the Institutions with Trust office has been completed and the annual returns have been submitted to Income tax Authorities concerned.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.4.1.pdf
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)

1.547

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Shri Chhatrapati Shivajiraje College of Engineering is self financed unaided private institute. The prime source of income for institute is fees received from student, reimbursements of student scholarship by State Government, donations / grants (if

any), bank interest received and other miscellaneous income like, Certificate Charges, Hostel charges and transport charges etc.

The Institute Management has a well-defined procedure to monitor effective and efficient utilization of available resources for infrastructure development. As per policy, the institute utilizes available resources. Institute has well developed and equipped workshop through which funds can be generated by serving client demands.

Requirements such as furniture, maintenance etc. of nearby schools, colleges and institutions are fulfilled through institute workshop itself. As per proposal, under the guidance of head of institute, workshops in charge in consult with store in-charge prepares quotation and submits to the client. After getting clearance from client, workshop in-charge fulfills the requirement of client as per proposal. As per the quotation, client disburses the amount to institute. Account officer verify it and inform to head of institute. The store in-charge verifies the workshop expenses periodically like expenditure on material, machines etc. workshop in-charge submit the report of the same to store in-charge.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.4.3.pdf
Upload any additional information	View File

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

Practice 1: Online Teaching Learning Process-

Regular meetings of IQAC are conducted under the chairmanship of Principal with agenda and suggestions are taken from all the members of IQAC. All teachers are encouraged to use Google meet video conferencing for teaching and instructed to create Google Classroom for their courses for improvement and better implementation of curriculum. Teachers are encouraged to upload study material, PPT, assignment, animation/NPTEL videos, MCQ's, Unit Test etc. enable the interaction to be very effective 24x7

access for learning purpose at any time, round the clock between students and the teachers in the classroom. Each faculty does Continuous Assessment on the basis of Attendance, Unit test, Assignments and performance in laboratory for every course in each semester and prepared the course attainment.

Practice 2: Faculty and Student Development Programs

All departments and committess are conducting various workshops, seminars, events etc. for the skill improvement of faculty and students. It is useful for academic, curricular, extra-curricular, technical and professional exposure throughout the year to the staff and students. To motivate and improve the Quality of Education, faculty and students attended various Workshops/ FDP/ Training Programs/ Seminar organized in the Institute and outside the Institute for professional development.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.5.1.pdf
Upload any additional information	View File

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

IQAC monitors and reviews the teaching learning process, structures and methodologies of operations and learning outcomes regularly.

1. Academic Monitoring

Academic Monitoring Committee (AMC) is Institute level committee responsible to regulating and implementing different academic activities for delivering effective teaching learning process. AMC is headed Dean Academics along with department coordinator. The AMC committee will make regular visits to departments to ensure the proper conduction of classes, overall attendance of the students of each class, progress of the coverage of the syllabus of each class, class tests, In and End-Sem examinations etc as per schedule. The AMC committee will check the all academic records of faculty ensuring the

consistency to the dates mentioned in the academic calendar for conducting various activities by each department.

2. Academic and Administrative Audit

The Institute takes Academic and Administrative Audit (AAA) of each department every year to evaluate the performance and give suggestions for further improvement of the quality of the teaching, research, curricular and extra-curricular and administration activities. The external auditors evaluate each department AAA considering curricular, teaching learning and evaluation, feedback, research, innovation, publication, collaborations and linkages, student progression, activity conducted / organized and achievements sections and give the recommendations further improvement.

File Description	Documents
Paste link for additional information	https://www.rajgad.edu.in/AQAR20-21/6.5.2.a.pdf
Upload any additional information	View File

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)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://rajgad.edu.in/igac.php#annualreports
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

Institution shows gender sensitivity in providing facilities such as

a) Safety and Security

b) Counseling

c) Common Room Response:

1. Safety and Security

The Institution has constituted Internal Complaint Committee for the safety and security of women and girl students. Internal Complaint Committee An exclusive women development cell headed by Prof.Yogita G.Jadhav has been constituted by the Institution.

The following are the functions and responsibilities

- To conduct awareness programs to emphasize on the rights of the women to develop the self confidence and Women Welfare Laws
- To highlight the importance of health and hygiene
- To direct Women's role in the society.
- To develop multi disciplinary approach for the overall

personality development. To formulate equity action plan in the development activities of the Institution.

- To build self-esteem and dignity among girl students and women faculty members to create and ensure a safe environment that is free of sexual harassment.
- To create an atmosphere promoting equality and gender justice.
- The mechanism for registering complaints should be safe, accessible and sensitive.
- To take cognizance of complaints about sexual harassment, conduct enquiries, provide assistance and redresses to the victims, recommend penalties and take action against the harasser.
- To recommend to the concerned authorities the follow-up action and monitor the same.
- To advise the disciplinary authority concerned to issue warnings and to take the help of the law to stop the harasser, if the complainant consents.
- To seek medical, police and legal intervention with the consent of the complainant.
- To make arrangements for appropriate psychological, emotional and physical support (in the form of counseling, security and other assistance)

2. Counseling

The Institute providing mentoring session of every student of every department for personally counseling the students on a need basis on various issues like: stress management, self esteem issues, lack of motivation, time management, friendship issues, emotional issues, behavioral issues, adjustment issues etc.

The counselor conducts group sessions to motivate the students to set appropriate goals and to help them gain clarity on their priorities. Students with backlogs are counseled at regular intervals, for academic motivation and strategies for time management. Lateral entry students are offered group counseling sessions in order to help them integrate with the main stream students.

3. Common Room

Common rooms are available in the Institution which are equipped with tables, chairs, beds, drinking water coolers and

wash rooms, exclusively for girl students and women employees. For the inspiring of women empowerment idol women posters also included in common room for girl's student's awareness.

For girl students and Women staff providing Sanitary Incinerators are installed in the rest rooms to promote hygienity.

File Description	Documents
Annual gender sensitization action plan	https://www.rajgad.edu.in/AQAR20-21/7.1.1.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	https://www.rajgad.edu.in/AQAR20-21/7.1.1.pdf

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

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
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

1.Solid waste management

The solid waste (Dry waste) such as paper, pens, chawks etc.is deposited at each floor dustbins. There is daily 30 kg Food Waste generated in college canteen and is utilized for biogas plant. The bio gas plant is having volume of 2.2 m3 and gas

holding capacity of 1.68 m3.

2. Liquid Waste

The waste water from wash basin, urinals, toilets, water cooler etc. is collected in a septic tank of capacity 240000 liter.

3. Bio-medical waste management

The Bio medical waste like sanitary pads in the institute is disposed with the help of Incinerator which are located in each floor woman's wash room area as well as in Girls Common room washroom.

4.E-waste management

E-waste like memory chips, mouse, cables, compact discs, cartridges, cables, switches etc. is collected in E-waste bin. The collected E-waste is given to authorized dealers for reuse and dispose.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://www.rajgad.edu.in/AQAR20-21/7.1.3.pdf
Any other relevant information	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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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 with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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	View File
Any other relevant information	View File

<p>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</p>	<p>B. Any 3 of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
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).

Institution provides a comprehensive atmosphere for everyone with harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote congruence towards each other.

Commemorative days like Women's day, Yoga day along with many regional festivals like Shivjayanti and Makar Sankranti are celebrated in the college. This establishes positive collaboration among people of different ethnic and cultural backgrounds. There are different grievance redressal cells in the institute like Student grievance redressal cell, women grievance redressal cell which deal with grievances without considering anyone's cultural or traditional background.

Dr. A.P.J. Abdul Kalam, birth anniversary is celebrated as 'Reading Inspiration Day' for staff and students to inculcate inspiration about books which make mind potent yet serene, this also leads to incorporate linguistic as well as socioeconomically behavior in institution.

Transport Facility is available for Students and Staff regularly. All these facilities to the patients are provided irrespective of their caste, creed, color, sex or socioeconomic background. Institute has code of ethics for students and a separate code of ethics for staff which has to be followed by each one of them regardless of their cultural, regional, linguistic, communal socioeconomic and other diversities.

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

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

RD'S SCSCOE focuses on preparing sound academic foundation of students as well as develop them as a better citizen of the country. In this regard, few practices and activities are conducted.

National Anthem: The day of institute starts with National anthem. Every day at 10:00 am National anthem is played in the institute.

Independence day: On 15th August every year institute celebrates independence day with pride and enthusiasm. The day is scheduled with events which start with flag hoisting and speech by the chief guest.

Constitution Day: The Constitution day that is Samvidhana divas is celebrated every year on 26th November in the institute. On this day tribute is given to the Dr.B.R.Ambedkar and constitution is recited by in the program.

Voter's Day: 25th January is celebrated as Voter's day to encourage more young voters to take part in the political

process. On behalf of Voter's day, quiz competition is arranged for all students and faculty members.

Republic day: Republic day is celebrated with great enthusiasm on 26th January. National Anthem is followed by flag hoisting ceremony. Speeches of dignitaries make the everyone feel pride of our nation.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Institution celebrates various national and international commemorative days, events and festivals as follows.

1. **Independence Day:** Our Institute celebrates the Independence day every year. Principal sir hoist the flag and conveys speech emphasizing about the connotation of Independence Day to the students and staff. All Head of departments, Teaching Staff, Non teaching Staff along with all the students remains present during the celebration.
2. **Republic Day:** Our Institute celebrates the Republic Day every year. Principal will hoist the flag and delivers speech highlighting about the significance of republic day to the students and staff. Dignitaries, HoDs also speak along with Principal.
3. **International Women's Day:** Institute celebrated International Women's Day on 8th March 2021. Women's Redressal Cell has taken the lead in organizing the function in which all women faculty members along with Principal, Staff and Guests participates.
4. **World Environment Day:** World Environment Day is celebrated annually on 5 June and is the United Nations's principal vehicle for encouraging awareness and action for the protection of the environment.
5. **International Yoga Day:** The International Day of Yoga has been celebrated annually on 21 June since 2015. Yoga is a physical, mental and spiritual practice which originated in India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

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:

1. Title of the practice : Reach to Unreached

2. Objective of the practice :

- To create a center of attention and retain rural area students in higher education.
- To emphasis the importance of Higher education to rural and remote area students and parents.
- To notify difficulties and barriers of rural and backward communities regarding higher education.
- To increase the enrollment of unreached students to higher education.

3.The practice:

Staff motivates students towards higher education. Staff counsels the students about various options of higher education and careers. Staff also informs the procedures and guidelines regarding various advanced education courses and admission procedures along with reservation information and fees structures. . Well informed staff mentor students till his admission in higher education programme

4. The process:

1. The institute forms three to four teams which includes well informed staff candidates.
2. Remote and rural locations are identified around the institute in periphery of maximum 50 Kilometers.
3. Teams are assigned their work to go to the locations with our institute facility.
4. Our team reaches to the schools with prior appointment and our staff informs and motivates students about the importance of higher education, various options available and career options.
5. Team reaches to rural area and guides and provides information to students eligible for higher education.

5. Evidence of success:

This practice is getting fruitful results as we found that more number of students are turning to higher education and has got more awareness regarding the importance of higher education. Many students admitted in our institute as well. The following is the data of Visits and Students admitted to Higher education due to our practice during A.Y. 2020-21

1. Visit to Bhor taluka rural area
2. Visit to Khandala Taluka area
3. Visit to Purandar taluka Area

Sr.no

Name of Department

Name of the Area

Number of students

1.

Civil Engineering

Bhor, Shirval ,Khandala, Purandar

6

2.

Computer Engineering

4

3.

E&Tc Engineering

3

4.

Mechanical Engineering

5

6.Problems Encountered:

Due to pandemic situation less number of staff appointed for campaigning. We strictly followed rules and regulation of government and avoided gathering or seminars program for guidance.

7. Notes :

- To provide platform for education those who are really

needed

- The awareness about higher education has increased in the students as well as in parents.
- Improvement in the good community contact with stakeholders
- To create social awareness for higher education and their benefits

Best Practices 2

1. Title of the Practice: PROJECT COMPETITION

2. Objectives of the Practice:

- To stimulate students and researcher to work on exciting project
- To understand best practices and demonstration of diverse project, new innovations, etc.
- To provide networking opportunity with industries that can help create breakthroughs
- To relate the functioning of industry while working on project and understand how does industry function.

3. Context:

To provide technical based platform to explore student's knowledge and project work through this event .This platform generate awareness of innovation technology and updated application representation

4. The Practice:

The proposed Technical Project Competition is recommended for students from Electronics and Telecommunication, Computer, Mechanical, and Civil Engineering Branches and for all those interested in exhibiting their ideas, innovations while working on a specific project to solve real world problems / industry specific problems

5. Process:

1. Project coordinator of the department announces project competition date and rules through notice and register student or group for competition.
2. Any single student or groups of student of the department can Participates in the competition.

3. All the participants interested in competition submit their names with project coordinator of the department.
4. Three judges are appointed by the head of the institute. Judge can be any senior faculty from every department our college.
5. Projects are Represented by online mode the participants on the Event date.
6. Participants present their project in front of three judges.
7. Based on common conclusion and judgment by judges, three projects are awarded as winner rank 1, rank 2 and rank

6. Evidence of Success:

Majority of students of Degree of all branches Presented on their project work in this project Competition. These Reports and Photographs are attached in additional information uploaded

Sr.No

Academic Year

Department

No. of Group Participants

1.

2020-21

Computer Engineering

10

2.

Civil Engineering

6

3.

Electronics Telecommunication Engineering

10

4.

Mechanical Engineering

12

7. Problems Encountered:

Due to Covid situation event conducted by online mode

8. Notes:

The Institute always motivated innovational and Creative activities of every year, Project competition event purpose need to arrange judges by industrial persons and their knowledge and exptrising awareness provided by college through this event.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

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

Rajagd Dnyapeeth's, Shri Chhatrapati Shivajiraje College of Engineering established in the academic year 2009-10 by Shri. AnantraoThopate (Ex. Education Minister - Maharashtra State).The college is affiliated to Savitribai Phule Pune University and approved by AICTE,New Delhi. We are continuously improving to be an Excellent Institution for Education, Training and Research in Engineering.

Our founder president shri.AnatraoThopte has been always keen and concerned in educating the Boys and Girls coming from Hilly and Remote area who are usually economically weaker.

Institute sanctioned Anant Nirmal Scholarship Scheme on 12/7/2013 in response to the request letter by the institute head. The scheme is implemented with effect from A.Y.2013-14 and till date.

The main objective of the scheme is to Provide Financial assistance to economically weaker and rural background students admitted for higher Education in our institute by Fees concessions. Through this scheme we strive to break the barriers towards acquisition of education for the deprived & underprivileged section.

In academic year 2020-21, total 180 students are benefited of Anant-Nirmal Scholarship Scheme by wavier in their fees. The total amount of Rs. 12, 43,597 (Twelve Lacs fourty three thousand five hundred ninety seven Only) Fees Concession is given to the students for A.Y. 2020-21.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Rajgad Dnyanpeeth, Shree Chhatrapati Shivajiraje College of Engineering (SCSCOE) is established, in 2009, under the visionary leadership of Mr. Anantrao Thopte, who is Ex. Education minister of Maharashtra state, with objective of providing quality education to needy and economically weaker sections of rural and hilly area.

Vision of the Institute is to become excellent institution for education, training and research in engineering. To fulfil the vision, SCSCOE is working with the following plan of action. 1) Increase linkages with nearby industries of the campus, Multinational companies and reputed educational Institutes 2) Establishing Centres of Excellence in key technology areas like VLSI and Embedded, Artificial Intelligence, Computer Security, Robotics and Automation in order to bridge the gap between industry and academia, as the pace of technological development of industry is very fast and students need to be equipped with the latest technologies in order to secure good jobs. 3) Strengthen the activities of career guidance cell 4) Institute has obtained NAAC accreditation with B++ grade in January, 2020

and is valid for five years. 5) The institute is planning to apply for ISO Certification and will get certified in 2021-22. 5) Also planning for NBA accreditation, once NBA accreditation is obtained, the institute plans to add two more branches in advanced areas like Data science and Artificial Intelligence and Robotics 6) Obtain Permanent Affiliation with Savitribai Phule Pune University (SPPU) as a first step towards full autonomy.