



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		R R Institute of Technology
• Name of the Head of the institution	Dr. Mahendra K V	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	08028391552	
• Mobile no	7899743333	
• Registered e-mail	rrit@rrinstitutions.com	
• Alternate e-mail	rritoffice@rrinstitutions.com	
• Address	Raja Reddy Layout, Near Chikkabanavara Railway station, Chikkabanavara, Bangalore, Karnataka	
• City/Town	BANGALORE	
• State/UT	KARNATAKA	
• Pin Code	560090	
2.Institutional status		
• Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	Self-financing				
• Name of the Affiliating University	Visvesvaraya Technological University				
• Name of the IQAC Coordinator	Prof. Parimala Gandhi G				
• Phone No.	08028391553				
• Alternate phone No.	08028391553				
• Mobile	9845683087				
• IQAC e-mail address	iqacrrit@gmail.com				
• Alternate Email address	iqac@rrinstitutions.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.rrit.ac.in/pdf/AQAR%202020-21.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.rrit.ac.in/pdf/colleg e%20and%20VTU%20COE%202021-22%200 DD%20&%20Even.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.51	2018	02/11/2018	01/11/2023
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
RRIT/Civil/BR Shilpa	45th Series of Student Project Programme:	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	2021-22	Rs.7000
RRIT/CSE/Nithin K	45th Series of Student Project Programme	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	2021-22	Rs. 6000
RRIT/CSE/Dhananjaya M K	45th Series of Student Project Programme	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	2021-22	Rs.6000
RRIT/ISE/Dr. Naveen	45th Series of Student Project Programme	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	2021-22	Rs. 5000
RRIT/ME/Dr. Channabasavaraj S	45th Series of Student Project Programme	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	2021-22	Rs.10000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	3
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>1. Registered as NODAL center for V-lab under IIT Surathkal 2. Organized skill development workshop for Non-Teaching Staff 3. Organized vaccination drive for General public, Student and Staff 4. Fine tuned the CO-PO attainment format</p>	
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 department News Letter for 2021-22	Published
NBA Accreditation to CSE, ISE, Civil	Achieved
Skill Development training for non-teaching staff	Organized
National and International conference by departments	Organized
Nodal Center for V-lab	Become Nodal Center for V-Lab under IIT Surathkal
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Council	24/05/2022
14. Whether institutional data submitted to AISHE	

Year	Date of Submission
2022	24/02/2022

15. Multidisciplinary / interdisciplinary

Vision: To be a Premier globally recognized Institute with ensuring academic excellence, Innovation and fostering Research in the field of Engineering

Mission:

To consistently strive for Academic Excellence

To promote collaborative Research & Innovation

To create holistic teaching learning environment that build ethically sound manpower who contribute to the stake holders operating at Global environment.

Academic Approach:

The university curriculum focuses multidisciplinary approach, hence introduced mandatory interdepartmental elective courses that to be studied during final year courses. This practice makes the students to gain knowledge in interdepartment course and can take up project work.

Project Work:

The institute allows students to carry out on Research project with the support of knowledge acquired from different branches of engineering study

Holistic Approach : Humanities and Social Sciences, Management courses, Basic Science Courses are part of curriculum to have ethical , social practice during the course of study

Students are encouraged to submit their innovative project to Karnataka state council for Science and technology that address the societal need under innovation in technology.

Get Along with Each : Students are encouraged to formulate teams from different disciplines to participate in various sport and cultural events.

Knowledge Bank: All the programme organizes workshop, Student development program, Guest lecture and Industrial visit to gain knowledge of other branches of engineering study.

As part of AICTE activity point Students are permitted to carryout various activities in different fields that promotes multidisciplinary, interdisciplinary and transdisciplinary approach

16.Academic bank of credits (ABC):

Academic bank of credits is a national level facility which will promote the flexibility of the curriculum framework and interdisciplinary /multidisciplinary academic mobility of students across all the programs with appropriate credit transfer mechanism. RRIT follows the regulation of affiliated university given wide awareness on academic bank of credit.

Major Degree:

As per university regulation a student shall be eligible to obtain an Undergraduate degree if students admitted to first year earns 160 credit point and lateral entry students earns 120 credit point as per university regulation.

Honours / Minors degree is introduced if students earns minimum additional 18 credit in addition to the credit points offered and satisfies university norms from time to time regarding the earning of additional credits

Multiple Entry Multiple Exit:

The multiple entries and exit points in the academic programs offered at HEI would remove rigid boundaries and create new possibilities for students. There are occasions when learners have to give up their education mid-way for various reasons. To facilitate flexible learning within stipulated period(eight years for regular students and six years for lateral entry studnts), multiple exit and entry options are given to the needy students. The student can exit from the program only at the end of the even semester(2nd ,4th and 6th semester) and entry option is provided to the students at the beginning of the odd semester (3rd, 5th and 7th semester)

17.Skill development:

Workshop/Seminar/Guest Lecture:

RRIT organizes various skill development activity such as value based event, student development activities, Workshops , skill development in trends in various techniques, personality development programmes and certificate courses

Placemnet Training: All the departments conduct training on aptitude , how to crack interview, Group discussion , technical interview session. These skill based training brings confidence among students to face interview during recruitment process.

AICTE Activity Point: Students are being permitted to carryout various activities to augment skills in different fields of study . The field of work work carried by students are Developing and managing efficient garbage disposal system, Promotion of Appropriate Technology, Tourism promotion innovative approaches, Reduction in energy consumption and other domains .

Personality Development : Gender based events, Universal Human values, Scientific foundation of Health, Innovative design and technolgy are the courses that are part of currciuculum for self developmet also supports to develop interpersonal skills of the students.

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

Language to Survive- Kannada Class

The university curriculum frame consisof courses such as Adalitha Kannada (kannada for administration) Vyavaharika Kannada (Kannada for Communication) that promotes state langauge to support the students to converse with people in the place of stay and ease out the day to day activity by learning kannada.

Language for comfort Learning English Class

To increase the learnig of students and improve their vocabulary , reading and writing skill language class on english is conducted for first year students and language labs are set for spoken skill development of all students taking up engineering course.

Ethical Practice : To give wide knowledgge about constitution of india , courses such as constitution of India, Professional ethics and cyber law classes are conducted in regular basis to all first

year students.

The institute organizes various events like Kannada Rajyotsav, Onam celebration, Durga Ashtami, Dasara festival that promotes Indian culture among students

The institute also celebrate death and birth anniversary of famous personalities who has significantly contributed to the major development of India.

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

The OBE was introduced by affiliating university that is completely implemented by RRIT in all the courses offered.

The College has applied NBA for CSE, ISE, Civil programmes in the year 2022 and got succeed

Program Outcomes (PO), Program Educational outcomes (PEO) and Course Outcomes (CO) are defined for all the programmes offered and displayed in all prominent places in the department, webpages. Program outcome, course outcome are calculated as per NBA OBE attainment model

20.Distance education/online education:

As per university regulation distance education is not part of the curriculum

The university encourages online education and introduced Honours / Minors degree if students earns minimum additional 18 credits through online education in addition to the credit earned through university examination and satisfies university norms from time to time regarding the earning of additional credits

However, The institute uses online platform such as virtual lab, MOOC courses, NPTEL courses to impart knowledge beyond the courses that are prescribed by university

Extended Profile

1.Programme

1.1 332

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 1024

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 216

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 230

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 130

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 130

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	332
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	1024
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	216
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	230
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	130
File Description	Documents
Data Template	View File

3.2	130
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	37
Total number of Classrooms and Seminar halls	
4.2	335.72
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	485
Total number of computers on campus for academic purposes	

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

The Institution follows the curricula prescribed by the Visvesvaraya Technological university and has developed mechanism for its effective implementation.

1. The institute prepares detailed calendar of events to align with university Calendar

2. At the department level, Heads of the Departments allocate subjects to faculty members, based on choice given by faculty, subject expertise, and experience of the faculty.

3. Department prepares faculty timetable, department calendar of events with the approval of Principal.

4. Faculty member prepares course files comprising syllabus, Lesson plans, assignments, question bank, sample university question papers, internal test papers with detailed scheme and

solutions.

5. Lab manuals are prepared for every laboratory courses, Technical Quizzes/ assignments are given to enhance the technical knowledge of the students.

6. Department Advisory Board(DAB) & Department Academic Council(DAC) are constituted at each department.

7. The academic review meetings are held to monitor syllabus completion, students' performance and attendance status after every internal test.

8. The department conduct remedial classes to improve the student performance.

9. RRIT is registered for local NPTEL chapter to encourage the students and faculty members to learn beyond curricula

10. Department organises workshop/seminar / Guest lecture, industrial visit and students take up mini projects/ internship / projects as part of their course assignments. 11. Student chapters such as ISTE, IIF & SAE are formed to support students to gain academic excellence and career opportunities.

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

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

.1. The university circulates the Academic Calendar for each academic year to the college specifying start and end date of the academic semester , by referring university calendar the college prepares the calendar of events:

2. The Institute prepares academic calendar for every semester, list of general holidays, internal test dates, practical test dates and academic and non academic/co-curricular activities of the Institute, dates

3. Each department prepares its own calendar of events adding

dates for Departmental events.

4. Three internal assessment tests covering one third of syllabus is conducted for all the semesters and the duration of the test is 90 minutes and the maximum marks allocated for CIE is 30. To enhance learning skill assignment/seminar/quiz are conducted for each course and are evaluated for 10 Marks. The total CIE marks are computed for 40 Marks for 2018 scheme and total CIE marks are 50 for 2021 scheme.

5. A Question banks and scheme of evaluation are shared for each course as reference to enhance the students learning capability and to prepare them for university examinations.

6. Internal tests for theory and laboratory courses are conducted, evaluated as per scheme of evaluation prepared by faculty member. , marks and attendance are displayed and the same is conveyed to parents by proctor.

7.The students are given quiz/ case studies /viva/mini project/seminar and submit the assignment for each subject and are evaluated as per the scheme prescribed by the university.

8. Viva Questions/ Quiz are conducted for each lab courses to gauge the understanding level of students.

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

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

A. All 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	View File

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

6

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

11

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

527

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

- As part of curriculum, university has introduced courses relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics ,Management and Entrepreneurship, Environmental Studies and Constitution of India, .
- These courses imbibe the importance of Human Values and Professional Ethics, concern to the environmental issues and develop analytical skills, critical thinking and demonstrate socio-economic skills for sustainable development, .
- In addition to the above, the efforts are made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights etc., in support of the curriculum .
- The following are the list of events conducted to address cross cutting issues on environment and sustainability: Climate and Environment Issues ,Tree plantation drive, Plastic free campus Green campus , round Blood donation camp Human Rights & Social Awareness Program.
- Anti-Ragging cell is in place, which creates an awareness programme to the students.
- NSS activity Yoga and sports activities- outdoor and indoor games are conducted round the clock in campus
- Event on Gender parity and Happiness management ,Public speaking, communication skills development, health and hygiene , Yoga Day are celebrated to give the awareness regarding importance wellbeing and to lead healthy life.
- To inculcate values among all Independence Day, Republic Day, Engineers day, Ambedkar jayanthi are celebrated.
- The college has Girls' common room on the campus and sensitive needs are addressed

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

450

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	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

450

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

A. All of the above

from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://www.rrit.ac.in/pdf/1.4.2%20curriculum%20feedback21-22.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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.rrit.ac.in/pdf/1.4.2%20curriculum%20feedback21-22.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 students admitted during the year	
360	
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	

86

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

The classroom interaction between students and teachers, proctors helps to identify the slow and advanced learners.

The advanced and slow learners are identified based on:

1. The performance in internal test
2. The performance in individual theory class
3. The performance in laboratory and tests.
4. performance in university examination.
5. Attentiveness in class room

Programmes for advanced learners:

Advanced learners are trained to Present Papers in International Conference and Posters presentation in Project Exhibition/ seminar /symposium, submit proposal to funding agencies.

To encourage the advanced learner based on university result department toppers are awarded.

Programmes for slow learners:

The proctors interact with the students who are slow learner and assess the nature of their problem.

Students with psychological / emotional problems are then motivated in a friendly way to reach their academic goals.

Poor performance due to frequent absenteeism is dealt by calling

the parents of such students. Tutorial classes, remedial classes are conducted for the slow learners in addition to the regular classes.

Handouts, class notes are provided to the slow learning students to learn the topics covered in regular class.

For both advanced and slow learners: .

Bridge Courses: The Institute offers bridge courses in order to strengthen knowledge of basic concepts in Engineering Subjects.

Orientation programs are organized by the department to motivate them to take part in cultural and co cultural activities.

Also, to enhance the knowledge beyond curriculum, departments organize Industrial visits, Industrial internship. Also technical seminar, AICTE Activity point as part of curriculum groom the students knowledge.

File Description	Documents
Paste link for additional information	NIL
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
1024	130

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

At the beginning of every semester, the college academic calendar is prepared in accordance to the university calendar and communicated to all staff and students which include co-curricular

and extracurricular activities.

Experiential learning

- Learner centric teaching methods such as project work, industrial visits, seminars, presentations are employed to make teaching and learning more effective.
- Individual as well as group work are carried out for practical course in the departments under the guidance of the faculty.
- To get exposure to current technology trends, Students carry projects, technical seminar to inculcate the habit of reading, lifelong learners and innovative thinker.

Participative learning

- Use of ICT facilities, e-learning resources promotes the habit of self-learning among the students.
- Industrial visits, surveys, AICTE activity points are organized by the department at various levels
- Hands on workshop, Quiz, guest lectures supplement the teaching process to bridge the gap between industry and academia
- Institute encourages students to bring out Technical Papers of the project carried out for students to get exposure to writing skill
- All final year project report/journal paper undergo plagiarism check before submission
- Placement training programmes on aptitude skills, personality development, spoken English classes are organised to train the students to face interviews.
- Student chapters (like ISTE, CSI, IAF etc.,) are formed to improve students skills.

Problem solving methodologies

- The students are assigned to carry out AICTE activity point
- Students are motivated to take part in conference, Project Exhibition, placement activity
- Institute has Entrepreneurial Development cell which helps to develop the entrepreneurial personality of the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	NIL

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

To make the teaching and learning more effective, faculty members are encouraged to use following modern pedagogical tools:

- **ICT tools:** To enrich teaching process ICT tools are used for in almost all courses.
- **E- learning resources:** e-journals, e-books and repository of NPTEL videos are available in the library. The library has subscribed to the following e- resources from ASCE, IEEE , Springer Link, Taylor & Francis, Elsevier Science Direct, Knimbus, Proquest (Engg & Mgt.) & DELNET. The E-Books Subscription package includes around 1035 from Taylor & Francis-CRC Netbase, Knimbus, delnet & McGrawhill.
- **Learning Management systems:** Whatsapp group is used to share course materials and learning objects with the students, Google Forms to conduct online quizzes/tests and take students' feedback.
- **Simulation tools:** Simulation tools namely NS2, AutoCADD, SCILAB, MATLAB are used to demonstrate abstract concepts.
- **Virtual labs:** Virtual Laboratory platforms are used to enable the students to learn at their own pace and encourage them to conduct experiment remotely. web link: www.vlab.co.in.
- **Video Conferencing Platforms:** Online platforms such as Zoom, google meet, Microsoft team, Cisco webex etc. are used to deliver the course content. Institute has procured Microsoft Teams to conduct online-classes
- **Wi-Fi Campus:** The entire campus is wi-fi enabled to make resource access by students wherever and whenever they want at any point of time.

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

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

2.3.3.1 - Number of mentors

1: 14

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

130

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

19

File Description	Documents
Any additional information	View File
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

581

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.

Internal assessment procedures are well-defined for the assessment of students' performance. Assessment is done at two different levels namely, Continuous Internal Evaluation(CIE) and Semester End Examination(SEE) with equal weightage of 50 marks.

The CIE has the following components

- Quiz/Assignment: Spread across the entire semester and are computed for 20 marks
- Test : Three tests with 40 marks withDuration of 90 Minutes are condcuted andtest marks are reduced to 20
- Seminar /Group Activity are evaluated for 10 marks

Frequency of Internal Test :

- As per university guideline three internal assessment tests

at the frequency of 1st test in 5th week , 2nd test in 10th week and 3rd test in 15th week from commence date are conducted and are communicated to the student in Calendar of Events

Mechanism of Internal Assessment:

- A set of question banks are prepared, by keeping previous year university question papers as reference and are distributed to the students for practice and preparation for internal tests and university examinations.
- The departments prepare internal test time table , make seating arrangement , invigilation schedule to conduct the internal test.
- The department prepares absentees list and IA marks that are communicated to the students and to the parents through proctors.
- Faculty handling courses prepares the Scheme of Evaluation and discuss in the class room to ensure the transparency in evaluation process.
- The internal assessment for laboratory courses are carried out and are evaluated as per rubrcis defined.

File Description	Documents
Any additional information	View File
Link for additional information	NIL

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

The institute follows the university guidelines to deal with internal examination related grievance time to time as communication from university

A. Grievances related to Continuous Internal Evaluation/examinations:

- At institute level transparency in internal evaluation is ensured by each faculty handling the course
- The faculty members discuss, scheme of evaluation for each internal test conducted before giving the evaluated blue books.
- If any correction in total mistake or in evaluation process the student can approach the concern course coordinator if

grievance in internal in evaluation is not solved , student can bring to the notice of HOD through proctor.

B. Grievances regarding university examinations:

- For any grievance related to university semester end examination result the student can apply for photocopy of the answer script and apply for reevaluation as per the university norms.
- Any grievances related to university question paper, the students can bring it to the notice of principle through HOD after making an analysis by the faculty handling the course. And the same will be communicated to the University immediately
- During examination if any grievance like repeated questions, improper split of marks, missing data, marks missed and wrong question number are reported to the Principal in turn the same is communicated to the Registrar Evaluation of the University for needful action , however University decision or information after resolving the grievances is intimated to the Principal and intern to the students.

File Description	Documents
Any additional information	View File
Link for additional information	NIL

2.6 - Student Performance and Learning Outcomes

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

- Outcome Based Education(OBE) is followed in the institute and the Programme Outcomes(POs) defined by the National Board of Accreditation(NBA) based on the various graduate attributes are adopted. Programme Specific Outcomes(PSOs) pertaining to respective programmes are written specifically to address important outcomes expected from graduates by the respective programmes which are addressed by the POs. All these POs and PSOs are synchronized well with the Programme Educational Objectives(PEOs),the Vision and Mission of the respective department and the Institute.
- COs are either given by university/written by the faculty engaging the respective courses . The COs are mapped to POs and level of attainment of each PO is determined. Course end

survey is carried out at the end of the course to obtain the feedback about the course and students' perception on attainment of COs.

- Programme and course outcomes of the Programmes offered by the institution are communicated to the students and faculty through the syllabus prescribed by university which are displayed in webpage
- Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and are displayed on website
- The course outcomes of each courses are communicated to the students through Lesson plan, Question bank which are shared to student
- In the department notice board , laboratory and in class room the programme outcome , programme specific outcomes are displayed
- During the orientation programme awareness on course outcome , programme outcomes are communicated to student.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://www.rrit.ac.in/pdf/2018%20scheme%20co.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The program outcomes, program specific outcomes are prepared by keeping Graduate Attributes as reference.

Process involved in computing CO-PO attainment:

1. Marks attained by student's in internal assessment and Assignment marks as direct attainment.
2. Co attainment through Course End survey
3. Marks obtained by the students in university examinatio
4. The attainment levels are computed using Course Articulation matrix, and is prepared for each individual course and are mapped to PO attainment for programme.
5. The outcome of analysis is used to set the target and to improve the teaching and learning experience of a particular

course

6. The attainment levels are measured on a scale of 1 - 3 , adopting direct and indirect methods of evaluation.
7. The data for direct method are obtained from performance in tests, assignments, semester end examination, project reports and seminars. The data for indirect method of assessment are obtained from course end surveys, graduate exit surveys etc. The weightage for direct and indirect assessment is in the ratio of 80 : 20.
8. If the CO attainment is less than target level, reasons are identified and action plan for improvement of COs is developed and implemented in the next academic year.
9. The attainment levels of all POs and PSOs are computed for the graduating batch of students using CO-PO and CO-PSO correlation matrix. In case the PO attainment falls short of target values, reasons are identified and action plan for improvement is developed and implemented during the next semester.

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

2.6.3 - Pass percentage of Students during the year

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

198

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

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution

may design its own questionnaire) (results and details need to be provided as a weblink)

<https://www.rrit.ac.in/images/pdf/Students%20Exit%20Survey%202021-22.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)

5.44

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

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

3.1.2.1 - Number of teachers recognized as research guides

19

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

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

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

5.44

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	View File
Paste link to funding agency website	NIL

3.2 - Innovation Ecosystem

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

1. RRIT has created an ecosystem for Research and Innovation by getting approval from university recognized research center for Mechanical, Electronics & Communication, Computer Science, Physics and Mathematics departments.
2. The institute supports conduction of National level and international level conferences on periodic basis for the benefit and promotion of research atmosphere encouraging faculty and students to involve in article presentations/publications establishing a collaboration for research activity.
3. students apply for funding to Karnataka state council for science and technology and innovative projects are approved with funds
4. Departments organize workshop, seminar, guest lecture, seminar and conference in current trends in technology to upgrade the knowledge
5. Project exhibitions are for Students to showcase their innovative knowledge and are awarded suitably
6. To ensure originality of innovation all project report undergo plagarisim check

List of few Events organized as initiative to transfer of knowledge

- SDP on "Awareness on VTU consortium and Cloud based online resources in the VTU Engineering college Libraries"
- Workshop on "Practical application of fluid kinematics", "Microcontroller Applications for innovative thinking"
- 5G & thinking towards 6G
- Seminar on Industrial application of sensors and

transducers, Use of High-Level Language like HDL and VERILOG with C Programming to Develop IP Modules for Firmware"

- Hands on training programme on python coding with application projects and solution
- Student Development Program on "Solidity in Developing Smart Contracts in Black Chain Application
- Guest lecture on "Morpho-logical Processing of Medical Images for Prediction and Propagation of Organ Failure Using Physiological data

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

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

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

28

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

3.3 - Research Publications and Awards

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

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

4

File Description	Documents
URL to the research page on HEI website	https://www.rrit.ac.in/research.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

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

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

12

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

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

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

94

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

3.4 - Extension Activities

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

The College organizes and participates in various extension activities with a dual objective of not only sensitizing students about various social issues but also contribute to community and

strengthen community participation which helps holistic development of students.

The NSS committee of the college has taken various initiative like organizing camps, Swachh Bharat initiatives, blood donation camps, awareness on save soil, Earth-day celebration, Valmiki Jayanthi, Women's Day etc.

Events like Unnat Bharath Abhiyan, Azaadika amruth mahothsav see large participation of the students who take up activities to spread awareness.

Students of different backgrounds and regions are made to understand the feeling of unity by organizing events like National Youth day, sadbhavana diwas, Independence day.

India is the birth place of Yoga and by participating in International Yoga day students become global stakeholders in ensuring healthy body and mind.

Health awareness camps are organized to bring awareness in the students and neighbourhood. Events like Blood donation & svasthya jagruthi camps, therapy without medicine are conducted for effective understanding of health awareness in students and acquiring healthy habits in daily life to stay fit and healthy. Blood donation camps in the College area regular feature whereby students and staff donate blood for the cause.

The institute also emphasizes on sensitizing students about the cyber crimes, usage of plastics in present society, plantation of saplings, waste management system etc.

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

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

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

2

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

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

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

10

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

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

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

1015

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

3.5 - Collaboration	
3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year	
3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year	
218	
File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File
3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year	
3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year	
22	
File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File
INFRASTRUCTURE AND LEARNING RESOURCES	
4.1 - Physical Facilities	
4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.	
The Institution is equipped with an campus area of 2.75 acres with sufficient number of well-furnished, well ventilated, spacious classrooms for conducting theory classes. All Laboratories are	

well equipped and maintained for carrying the curriculum oriented lab practical and also to bring out the research

activities as per norms of Apex body.

Type Details

Class Room 32

Laboratories 37

Tutorial Room 7

Library & Reading Room 1

Digital Library 1

Language Lab 1

Training and Placement Office 1

Seminar Halls 2

Stationery and Xerography store 1

Auditorium 1

Smart Class room 2

Sports Complex 1

Library and Digital Library: Access to library and books from book bank - Library has a collection of book covering all major fields engineering. Access to NPTEL Video/Web Course

Registered Local chapters of NPTEL

Technology enabled learning rooms: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff.

Seminar Halls: College has seminar halls with seating capacity of 75 and 150 respectively to conduct conferences, seminar, workshops and symposia, for students and faculty of the departments etc. and with LCD projector, high configuration systems with internet connectivity.

Tutorial classrooms: Each department has tutorial classrooms to address the personal level doubts and queries of the students and special remedial classes for weak and needy students during tutorial hour.

Language Labs: The college has exclusive language lab attached with audio, video facility

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

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

Institute lay emphasis on overall development of students by providing opportunities for students to participate in extra-curricular activities, and has set excellent facilities for sports and cultural activities. Institute has set sports complex for indoor and large ground for outdoor sports facilities.

The sports and games facilities facilitate every individual student and staff to outfit the physical development. The Institution has a playground of around 8092 sqmtrs specifically designed for the outdoor sports like Cricket, Volley ball, Football, throw ball, basketball etc. which provides recreation and enjoyment which supports social and emotional development of students and staff.

An Indoor sports offers facilities for various indoor sports like carrom, chess, Table tennis, Shuttle badminton, boxing facility, swimming pool etc for the students to take part in the game of their choice.

The institute has fully air-conditioned Auditorium with 850 seating capacity with well-furnished and hi-tech technological facilities. Institute has an Amphi theatre of 300 seating capacity with area of 1000sq meter which makes students feel comfort with open air.

The Institution has the yoga room for students and staff to refresh with their physical and mental health. The Institution has a culture of conducting yoga classes regularly for both students and staff. The Institute organizes mega Sports and Cultural fest

every year, where students are encouraged to participate in various activities and the institute set a stage in open ground where all students and staff participate enthusiastically.

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

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

37

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

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

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

17.83

File Description	Documents
Upload any additional information	No File Uploaded
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)

RRIT library was established in 2008.

Name of the ILMS software: Integrated Institution Management System.

Nature of automation: Partial.

Version: 3.0.4

Year of automation: 2017

The library has collection of 21,929 volumes of Books with 2485 Titles and 7 National printed Magazines, 37 journals. The Library subscribes to about 17600 full text E-journals from ASCE, IEEE, Springer Link, Taylor & Francis, Elsevier Science Direct, Knimbus, Proquest (Engg. & Mgt.) & DELNET. The E-Books Subscription package includes around 1035 from Taylor & Francis-CRC Netbase, Knimbus, delnet & McGrawhill Education. In addition, there are 47 Bound volumes of journals, 255 Project Reports, 1079 CD's /DVD's & 100 IS Standards.

The Library is housed in two floor with carpet area of 540 Sqm with seating capacity of 160.. The Library is kept open on all working days with Digital Library to e-resources such as e-journals, vtu consortium and digital books. The library is set an "INSTITUTIONAL REPOSITORY" which has been developed using D-Space Software to access faculty publications, previous year question papers, lecture notes, project abstracts etc.

Remote access to e-resources has been facilitated by library through the services of M/s. KNIMBUS. Institutional Membership National Digital Library, & Delnet. Also, NPTEL (National Programme on Technology Enhanced Learning) facility is provided across the campus through the institute local network for unlimited access to Video Lecture and Web courses of eminent faculties from IISc and IIT's in Engineering and Science subjects. In addition to this students and faculty members can access its peer contents directly from NPTEL website.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	NIL
4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	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)	
9.2151	
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	
48	

File Description	Documents
Any additional information	No File Uploaded
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

1. **IT Facilities :**The RRIT provides technological services and facilities like Computers , peripheral equipment, servers, Internet and application software for official use and is been maintained by dedicated system administrators . The Information Technology (IT)-System administrator of the Institute defines rules, regulations and guidelines for proper usage and maintenance of these technological assets to ensure ethical and acceptable use and assure health, safety and security of data, products, facilities.
2. **Wi-fi:**The system Administrator has been given the primary responsibility for the design, installation and operation of the RRITs network environment and created a wireless network with access point with Dedicated 100 Mbps (1:1) Leased Line From City Online service provider is used to provide wi-fi across campus for students and staff in the campus.
3. **Other Facilities:**
 - Integrated Institution Management System (ICMS) software is used for maintaining the data of students and faculty
 - .Each Department has its own computing facility with Internet.Faculties and Students can access e-resources available in Digital Library.
 - The Seminar Hall is provided with smart board, Projector, Computer system with surround sound system and Internet facility
4. **Service Management:**
 - All the computer systems, Wi-Fi Access points are monitored regularly by the System Administrator.
 - To secure the organization's information systems, methods like authentication and monitoring are used. Security reviews of servers, firewalls, routers and monitoring systems are conducted on a regular basis. These reviews include monitoring of access logs and intrusion detection software logs.

- Any issues related to facilities are registered in complaint book which are addressed by administrators immediately.

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

4.3.2 - Number of Computers

536

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

275.52

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

- Institute has adequate infrastructure with required physical, academic and support facilities with reference to teaching-learning, co-curricular and extra curricular activities. All the facilities are maintained in proper working condition with clean and tidy.
- A supervisor carryout routine maintenance of buildings, water supply, rain water harvesting, generators and electrical works, The cleanliness in classrooms, corridors, restrooms, Housekeeping, lawn maintenance and waste management.
- The institute has installed Purified drinking water facility at all academic blocks, Hostel & canteen and maintained regularly
- Laboratory equipment are regularly inspected and maintained. Safety is provided by displaying suitable safety instructions.
- Fire extinguishers are maintained and recharged regularly.
- System Administrator carry out regular maintenance and servicing of the computer , LAN Connectivity, internet, Wi-Fi and LCD Projectors. All students and staffs are provided with free wi-fi.
- Library is diligently maintained, conducive environment is created with frequent cleaning and arranging books.
- The physical education director looks after complete sports facilities and its maintenance. The ground earmarked for athletics and team games and separate well-equipped sports complex for indoor and outdoor games are maintained regularly.
- Class rooms kept open for conduction of classes and are managed by each department and cleaned regularly to maintain the serenity of class room ambience
- The campus is installed with CCTV cameras and are monitored continuously to ensure the safety of all the students and

staff .

- Safety is provided by displaying suitable safety instructions in all prominent places. Fire extinguishers are installed , maintained and recharged regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rrit.ac.in/images/pdf/SOP's%20-%20Physical%20Infrastructure.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

317

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 benefitted 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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

13

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.rrit.ac.in
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	
316	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
316	
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	A. All of the above

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

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

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

64

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

11

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
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

2

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

2

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

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

All-round holistic development of the students is a primary objective of RRIT. Focusing on this ,formulated more than 20 Committees. The students are members of various administrative academic bodies such as IQAC, Placement, Hostel , student chapter committee , editorial committee of newsletter and magazine and member of Department Advisory committee (DAC) A suggestion box is maintained by the college to receive any grievance/complaints & suggestions, if any. Any grievances found will be scrutinized and forwarded to the principal for necessary action.

The SC / ST Committee educates the students about the government benefits and schemes available . Disciplinary and anti ragging Committee ensure a calm and peaceful academic atmosphere on the campus and to avoid physical confrontation among students and ensure a friendly environment between juniors and seniors..

The cultural committee annual cultural event, Kalataranga is the inter college level cultural and sports festival of RR Institutions. Student representatives of all the Departments take active role in this event. During this event they interact and forms teams with students from other colleges .

NSS committee students from all departments take part in various activity such as cleanliness drive, Swachha Bharath Abhiyan, Awareness programme to society. Likewise . many such Committees/Clubs organize competitions, seminars, guest talks, Placement Alumni meet, NSS activities, sports and cultural activities .These activities inculcate leadership and management skills in the students and provide platform for the students to bring out the skills under the supervision of faculty members.

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

36

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

RIT has a registered Alumni Association under the Societies Registration Act with registration number DRB1/SOR51/2018-19 , It was started in the year 2017, and registered on 16/04/2018 with an objective :

- To Create a strong network between Alumni and Institute.
- To Create a strong network for Alumni progression as well as student's progression.
- To promote a sustained sense of belonging to the Alma Mater among the Alumni by being in regular contact with them.
- To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues by organizing and coordinating reunion activities of the Alumni. Maintaining the updated and current information of all Alumni.

Placements-

The alumni network of an institute is one of the biggest sources for placement. who always help to place their juniors at their respective organizations. Mentorship- Our alumni always play an active role in voluntary programmes like mentoring students in their areas of expertise. Career Guidance- alumni is a huge talent pool whose guidance can be beneficial to many students and other fellow-alumni in their respective areas of study. Networking Platform- alumni network by itself is one of the best professional networking platforms available today in institute.

Benefits of Alumni Association Membership:

- A Strong Network of Alumni
- . Alumni career services.
- This membership will provide a social platform. helps to keep in touch with classmates, faculties and current batch of students at the institue

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

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

"To be a Premier globally recognized Institute with ensuring academic excellence, Innovation and fostering Research in the field of Engineering"

Mission

- To consistently strive for Academic Excellence
- To promote collaborative Research & Innovation
- To create holistic teaching learning environment that build ethically sound manpower who contribute to the stake holders operating at Global environment

Governing Council(GC) of institute is headed by Chairman and eminent personalities as its members. The GC provide strategic direction and guide the institute for continuous improvement.

Institute constituted various committees, have faculty and students as members.

The UG Programs Civil Engineering, Computer Science Engineering, Information science and Engineering accredited for 3-years by NBA.

Institute has been categorized as Band Beginners Institution under Atal Ranking in of Institutions on innovative Achievements.

Perspective plan of the institution:

- Improve the performance of students in University Examinations
- Participation of students and staff in National or International seminars and conferences
- Develop Industry-Institute partnership & R&D activities
- Strong Alumni Interaction

Governance and Leadership:

The institute has organizational structure to review academic excellence set to meet the Vision and Mission statement of the Institute. Various committees are framed for holistic development in teaching, administration, cultural, sports and overall development of both staff and students.

The Principal leads the administration of the institution , frame strategic plan, guides faculty and students to work towards to achieve vision and mission of the institute.

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

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

Institute believes in decentralization and complete autonomy is given to its academic departments for effective functioning. Operational freedom, authority and responsibilities are delegated to Principal, HoDs in all activities of institute.

Administrative Decentralization:

Institute has various Committee comprising of representatives of students, faculty, staff members, and alumni to deal with development plan of the college regarding academic, administrative and infrastructural growth and to empower college for curricular, co-curricular and extra-curricular activities.

The Principal gives directives to the departmental heads to prepare the annual departmental budget. The institute practices decentralization by providing operational autonomy to the departments for the purchase of equipment and services, depending upon the need of the syllabus.

Academic Decentralization:

There are more than 20 different committees with well-defined functions that give academic and administrative leadership to faculty, and are responsible for holistic development of the institute intern to students.

Participative Management:

Students are member in Anti-Ragging, Grievance Redressal and Discipline Committees, the committee take care of healthy, enjoyable and disciplined culture in the institute. Each committee comprises Principal/ HOD as head of the committee, Senior Faculty and student representatives as member.

Committees take care of day-to-day academic functioning of the Institute organize workshop, cultural events, Student development

programme, sports , industrial visit etc.

Institute strongly believes in participatory management allowing every stake holder of the Institution to be a part of decision making.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic Plan of the institute was developed, which provides strategic direction to the institute and helps in achieving its vision & mission.

Strategic plan has been developed to excel in seven different areas such as Teaching-Learning, Research Activities, faculty retention and talent acquisition, quality assurance, entrepreneurship and industry institute interaction, placement and training , branding.

Example for deployment of strategic plan is effectively seen in various activities few is listed ,

The institute has signed 35 MOUs with industry during the academic year 2021-22, and industrial partners have delivered invited talk on currents trends in technology, industrial visits are organised to learn industrial practice.

The best innovative projects are identified and awarded by alumni.

The students are encouraged to take up NPTEL courses to acquire Honors degree.

Faculty members have filled 7 patent out of which 2 are granted.

Institute has been categorized as Band Beginners Institution under Atal Ranking of Institutions on innovative Achievements.

Three department civil engineering, Information Science and engineering, Computer science engineering are accredited for 3

years by National Board of Accreditation.

The department of Computer Science and Engineering, Mechanical Engineering, Electronics and Communication Engineering, Physics, and Mathematics are approved by university to carry out research programme in said discipline.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	NIL
Upload any additional information	View File

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

The organizational structure adopted by the institution is as indicated below.

Management-Provides directional leadership to the institution through the Secretary, Director and Principal which percolates down to the lowest cadre.

Governing Council approves budgets, principal is Responsible for ensuring effective management of the institution and for strategic planning for continued development.

Secretary and Director Guides all the developmental activities of the institute including interaction with outside world.

Principal-Principal is the overall in-charge of the various committees of the institute like Establishment, Accounts, administration, admission, preparation of budget. Principal is responsible of overseeing Purchase Committee, academic review committee etc., and implementing authority of all policy decisions taken by Management, Governing Council.

The institute has a clearly defined organizational hierarchy and structure to support decision-making. The Institute has a well-planned Service Rules, consisting recruitment, promotional and other various procedures which is approved by the Governing Council.

Employee Satisfaction, Welfare Schemes, and Grievance Redressal Mechanism are in place. Achievements of faculty and staff are recognized with financial and non-financial incentives. The Grievances of the faculty and staff are redressed timely to keep their motivation all time for their performance efficiency and satisfaction

The functioning of institution body is very effective and efficient, that is visible form the presence of the faculty in all committees.

The institute has formulated standard operating procedures for maintaining and utilizing infrastructure facility such as Library, Laboratory, Classroom, Sports facility, Computer Lab.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the institution webpage	https://www.rrit.ac.in/pdf/DocScanner%20Mar%2016,%202022%204-45%20PM.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institution has taken welfare measures for teaching & non-teaching staff

Teaching:

1. Sponsorship for both Teaching and Non-Teaching staff to attend workshops/ FDP/Seminars/ Conferences
2. OOD to attend examination, Workshop, Orientation course, refreshers course, Conferences
3. Staff achieving State and International award are felicitated by the institution
4. Staff can avail vacation ,12 days of CL
5. Loan Facilities, Advance to meet Emergency Expenditure
6. Flexi-Timings Provided for medical Reasons
7. Canteen Facilities
8. Banking Facilities at Institutions
9. Transport System
10. Wi-Fi Facilities

Non-teaching :

1. Loan facility
2. Sponsorship for Higher education
3. Festival Advance
4. Canteen Facilities
5. Banking Facilities at Institutions
6. Transport System
7. Admissions, scholarships and fee concessions
8. Employee Provident Fund for non-teaching staff. Management

contributes equal share for Employee provident Fund

9. Contribution Towards Insurance

Students

1. Students info book comprising outgoing students details, are given to all final year students during graduation function
2. Scholarship for meritorious students' fee waiver for deserving students
3. Canteen Facilities
4. Banking Facilities at Institutions
5. Transport System
6. WFi-i Facilities

Other Welfare schemes provided for Teaching and Non Teaching Staff:

1. Teacher's Day Celebration - acknowledge the services of every teaching and non-teaching staff on teacher's day. On this day every faculty of the college (teaching and non-teaching) is appreciated by the management with a memento
2. Staffs are given Diary, calendar to maintain Monthly planner
3. Staff are allowed to use college ICT facilities for their research work

File Description	Documents
Paste link for additional information	NIL
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

51

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

11

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
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

49

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

- The institution has a mechanism of self-performance appraisal for teaching and non-teaching staff. Every teaching staff and non-teaching has to submit self-appraisal form to the Principal at the end of the academic year.
- All Teaching faculty performance is reviewed based on
 - student results,
 - number of papers presented,
 - number of conferences and workshops attended,
 - students/research projects undertaken,
 - students feedback on curriculum,
 - professional membership
 - involvement in college/universities activities.
- Non-teaching faculty are assessed based on
 - working knowledge
 - Communication
 - Teamwork
 - Attitude towards co-workers
 - faculty/student relation,
 - job performance,
 - Maintenance of document
 - Willingness to take responsibility

All self-appraisal forms are carefully evaluated by Quality Assurance cell and teaching faculty members are awarded suitably as

- Best Researcher
- Innovative teacher
- Best mentor

- Best Teacher
- Result oriented teacher

The institute assess Teaching Learning performance of the teacher, by circulating the feedback form to students and evaluation is done by IQAC

- The faculty who scores less than 75% in feedback analysis are counselled by HOD and Principal.
- The Principal informally conducts meetings with student coordinators of the classes to get the feedback about the classes and other related matters and communicates to the respective faculty for corrective measures, appreciates new initiative and good work.
- The feedback and self appraisal points are considered for annual increment and promotion eligibilities of teaching staff.
- The period of appraisal is for a particular academic year i.e from August to July.
- Rate of increment is as per the norms of the apex body subjected to the availability of the funds in the institutions

File Description	Documents
Paste link for additional information	NIL
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

Monitoring financial management practices is a significant process in the internal audit. An internal audit is carried out by the Accountant. Budget and statement of expenses are reviewed every quarter by accountant of RR institute of technology. The accounts of college are audited each year by the External Qualified Chartered Accountant appointed by the PKM educational Trust.. The Audited Report by the External CA is placed before the governing body for wetting and rectification if any..

Internal Audit:

1. Verifications of student's fee registers
2. Authorization of fees concessions, policies
3. Examining the statutory payments to different bodies like EPF/ESI/TDS/Income Tax
4. Examining the Bank Pass book
5. Examining scholarship, sponsorships, deposits, payments, grants for various events
6. Interdepartmental stock checking reports
7. Department association account auditing for utilization, ratification
8. The daily expenses and the bills for the day to day activities, petty cash, registers etc

The duration of the audit is half yearly i.e once in July and January

External Audit:

External audit is carried out in an elaborate manner on yearly basis by chartered accountant. As of now there is no major findings / objections. Minor errors pointed by the audit team are immediately rectified/corrected and precautionary steps are taken to avoid such errors in future.

1. Verify the salary payment, TDS, Income Tax, EPF, ESI, Professional tax, Gratuity, etc
2. Examining the property titles, approvals, fee payments to regulation bodies
3. Certify the audit report
4. Filing the Income Tax returns regularly

So far there have been no objections raised during the Auditing.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers

during the year (INR in Lakhs)

0

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

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

The major financial resource for institution is through student fees. The major part of expenditure is on salaries, maintenance and day-to-day expenses. For any infrastructure development management provides the fund on a case-to-case basis. The expenditures of the institution are planned by preparing budget every year taking inputs from every faculty. Based on the departmental budget, the institutional budget is prepared.

Whenever any shortfall in fund is supported by PKM Educational trust.

The other sources for fund generation are managed by renting the Infrastructure resources like classrooms, computer laboratory for various public online/offline exams, Receiving Spornsorsip for cultural events

Procedure

1. Surplus revenue over the expenditure is invested in bank, Interest received on investments will be utilized for the institution. Funds will be kept in Fixed Deposits and utilize the same when required.

Optimal Utilization of resources

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources. Board of Management implements budgetary policy like funds allocation to departments, laboratory, sports, infrastructure, maintenance and others. Budget is prepared by Accounts department and submitted to

Governing Council for approval.

Utilization of resources is primarily for :

1. Staff Salary
2. Research & project activities
3. Professional development and administrative training programmes
4. Sports and cultural activities

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

6.5 - Internal Quality Assurance System

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

Continuous improvement in the quality in all functions of the institute are envisaged. The improvement of the quality of institute is being reflected in programs accreditation by NBA

The two main practices initialized and institutionalized from IQAC which led to the improvement in quality are:

1. Alumni Association identifies the best student project during the years and reward them during alumni event
2. Award to best outgoing students of the year is given to students during graduation day
3. Academic and Administrative Audit conducted every year
4. Teaching Learning ,curriculum Feedback to ensure quality teaching learning
5. Set Format and rubrics for continuous laboratory evaluation
6. Set procedure for CO-PO attainment calculation
7. Set guideline prepared calendar of events for systematic academic

activity

8. Student development programme, Faculty development programme to enhance the knowledge to upkeep with the technology

9.. Organized staff development programme to enrich the skill of non-teaching staff and office staff in the institution.

File Description	Documents
Paste link for additional information	NIL
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

The Outcome Based Education (OBE) is being followed in the institute. The Vision, Mission, PEOs, POs and PSOs are defined for all the programmes. To fulfil these outcomes, the curriculum has been developed taking care of Course Outcomes (COs) required to be achieved. IQAC defines the review of teaching learning process periodically to ascertain the proper implementation of the quality motives of the institute.

Various parameters are considered in the review process.

A course end survey will be carried out by respective faculty engaging the course at the end of the course each semester, the feedback will be analysed and any changes required are implemented.

Another initiative to review the teaching-learning process initiated by IQAC is Peer Review. The peer team comprising of senior faculty members carry out the peer review of various academic activities and suggest the improvements in teaching-learning process and other academic activities. The suggestions are then implemented.

Use of ICT tools judiciously is being discussed with all the faculty members.

Attainment analysis for COs, POs and PSOs are carried out and if there are any shortcomings remedial action are initiated

File Description	Documents
Paste link for additional information	NIL
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)	A. All of the above
File Description	Documents
Paste web link of Annual reports of Institution	NIL
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	
Measures taken for Safety and security	
<ul style="list-style-type: none"> • The whole campus is under CCTV coverage. • Separate hostel facilities with 24X7 warden, is available to ensure the safety and to maintain healthy environment. • To avoid any possibility of ragging, students will be continuously monitored by a team of Anti-ragging committee and anti-ragging squads. • Students ID cards made compulsory. All visitors must enter their details in the visitor's book kept in the guard room • Entry and exit to the campus will be monitored 24 hrs by the 	

security guards and CCTV live recordings area monitored continuously by the security system.

- Fire extinguishers are provided in all prominent places like laboratories, corridors etc.

b. Counselling

- Student grievance redressal cell/ committee will address the grievance raised by any students and take necessary action regarding any issues.
- The Internal Complaint committee and Anti-sexual harassment committee will be providing counselling to the needy students as per the requirement.
- Gender Awareness programs will be conducted in the Institute for the students on regular intervals.
- Institute is following a student monitoring and mentorship system for all the students starting from the first semester to final year.
- Separate common rooms provided for girl students/all female staff members with resting facilities like bed. Sanitary napkins vending machine is in place to meet the emergency need of girl students.
- College has taken many initiatives to maintain harmony among students and faculties by organizing various events like Ayudha Pooja, Kannada Rajyotsava, Onam, Women's day etc.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1pnXv9--hPymS8Ml74_FqVxTyu6ekernp/view?usp=share_link
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://drive.google.com/file/d/1QuKRgRxOspoRGNeM7ZGL-SQvzhPZ6VoU/view?usp=share_link

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

A. 4 or All of the above

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

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

Waste Management steps including:

The different types of Waste Management available in the institution are

1. Solid waste management

The institution has a well-maintained solid waste management system. The solid wastes like dry leaves, garden waste, paper waste etc. will be collected and sorted in regular basis. The collected waste will be stored in the solid waste pit and will be disposed at regular intervals without causing any environmental problems.

2. Liquid waste management

- College is having 2 academic blocks with G+3 floors and is regularly mopped every day which has to keep institution clean and the waste water will be used to maintaining for gardening.
- Any leakages from water pipes will be attended immediately by in campus plumbing team.
- Waste water from toilets and hostels are treated by sewage treatment plant and used for gardening

3.E-waste management:

The E-waste generated in the campus will be collected and disposed to authorized agency without creating any environmental issues

4.Waste recycling system

The STP Plant in the campus helped for the recycling of liquid waste generated in the campus. The treated water is used for various purposes like cleaning, watering etc.

5. Water conservation -

The rain water harvesting system in the college ensures conservation of rain water.

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

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

A. Any 4 or all 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

A. Any 4 or All of the above

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

7.1.6 - Quality audits on environment and energy 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	A. Any 4 or all of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above
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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	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

College has taken many initiatives to maintain harmony among students and faculties by organizing various events .The institution has diverse different linguistic and socio-cultural background but do not have any intolerance towards socio economic, cultural, regional, communal diversities. Various initiatives taken by the college to provide an inclusive environment among students and faculties are listed below.

Cultural activities

The institution Cultural committee organizes Graduation Day for outgoing students to celebrate joy, success, failure of each student and giving gratitude to students by giving awards and remembering memories up and downs and to congratulate all the graduates on becoming professionals and urged them to do justice to their profession.

Regional events

The institution celebrates regional festivals like, Kannada Rajyotsava, Onam, Makara Sankranti/ Pongal etc. to bring harmony among students.

Commemorative days

Institute celebrate all commemorative days like Independence Day, Republic Days etc.

Other Festivals

Festivals like Ayudha pooja, Ganesha festival, Holi, Basanth Panchami etc celebrates every year in our institution.

Green campus initiatives

As a part of green campus imitative, varieties of trees are planted in our campus and landscaping is done. Plastics are banned in our campus and 'PLASTIC FREE CAMPUS' sign boards are fixed to make our students to be aware of this. Vehicle entry is restricted and usage of bicycle is encouraged. Various National & International Environmentally significant commemorative days like Earth day, Ozone day, etc will also celebrate in our institution to improve the awareness of students about the protection of environment.

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	No File Uploaded

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

RRIT undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Following are the list of various events conducted by the institution

- Universal Human value-I
- Critical Thinking/ Creativity/NPTEL/EK Bharath Shrestha Bharath
- Universal Human value-II
- Universal Human Values -III

- Crisis Management/Decision making
- Health Management.
- Mentoring System
- Goal setting. by Sri Vallabha Chaitanya Dasa, ISKON, Bangalore

Women's day

International Women's Day is celebrated every year in institution to reflect on progress made, to call for change and organize games and award them suitably.

Celebration of National days

Every year college celebrates national days such as Republic Day and Independence Day on January 26 and August 15 respectively.

Celebration of Regional festivals in campus

To show unity in diversity, one in under one umbrella, giving respect to each other and to know importance of each festival, college took up initiatives to celebrate all regional festivals. Onam, Ganesh festival, Ayudha Pooja, kannada Rajyotsava celebration etc.

Social activities such as: Awareness programs such as, Blood donation camp and Mega health camp by Red- Cross committee are conducted to motivate students to get society focus.

Green club celebrates World Environmental Day, Ozone day & Earth Day to motivate the students towards importance of greenery in present scenario.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1PynuSTlRD IJSfPj58ewAoeMplZFhyyyo/view?usp=share_link
Any other relevant information	https://www.rrit.ac.in/images/pdf/Code_of_Ethics.pdf

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

A. All of the above

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	No File Uploaded

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

Celebration of National days

1. Ambedkar Jayanthi : Celebrated to as remembrance of Ambedkar contribution in framing Indian Constitutions law.
2. National Youth day is celebrated to commemorate the birthday of Swami Vivekananda
3. C V RAMAN DAY : National Science Day is praised 28 February to stamp the revelation of the Raman impact by Indian physicist Sir Chandrashekhara Venkata Raman. as "National Science Day " by Basics of Sciences department.
4. Every year college celebrates national days such as Republic Day and Independence Day on January 26 and August 15 respectively.
5. Green club organized World Environmental day and organized special talk on BIODIVERSITY program to all students and staff of college.
6. Celebration of Karnataka (Kannada) Rajyotsava on Novermber 1st of every year as giving knowledge about Karnataka state and importance of Kannada to those who came from different country, States. 8.Basant Panchami and Saraswati Puja,"Durga Pooja and Ayudha Pooja": . are being celebrated in Institute . students worship Saraswati, the goddess of wisdom and knowledge on this occasion.

NAME OF THE FESTIVALS DAY COMMEMORATES

Republic day Indian Republic Day

National Youth day Swami Vivekananda Birthday

C V RAMAN DAY National Science Day

Republic Day and Independence Day Indian Independence day

World Environmental day Save Trees

Karnataka (Kannada) Rajyotsava Unity in diversity of India

Basant Panchami and Saraswati Puja Unity in diversity of India

Teachers day Dr S Radhakrishnan Birthday

Durga Pooja and Ayudha Pooja To honor our religion

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	No File Uploaded

7.2 - Best Practices

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

TITLE -FACULTY EMPOWERMENT

Objectives of the Practice:To make faculty members technically sound in emerging technological areas and to inculcate good values in all.

The Context: Integrateteaching, research, and developing linkages withacademia and industry..

The Practice:Faculty members are encouraged to attend the conferences/ symposiums/ workshops,ertification courses offered by NPTEL/SWAYAM.

Evidence of Success:The institute organises International Conferences/FDP in various disciplines, faculty members got benefitted

To organize FDP institute received VGST grant of 2 lakhs.

Problems Encountered and Resources Required:

There were initial problems in creating a robust FDP roll-out process, identifying FDP faculty compatibility.

Title:PAPER PUBLICATIONS/PATENTS

Objectives of the Practice : Promoting motivation and encouragement among the students to publish their final year project work in various journals/file patents.

The Context:

This practice enhanced the students writing skill and inculcate technology thrust to bring out and publish their innovation into technical forum.

The best practices adopted in the institutions will definitely help the students to acquire honours, rewards from the society.

The Practice

The institute has initiated mandatory plagiarism check for final year to ensure quality writing and originality

Evidence of success; All the students have done plagiarisim check before submission of project. All the report where having less then percentage of plagirasim specified by the department.

Problems Encountered and Resources Required: Since the insititute has Tunitin software installed ,No problems encountered, in plagiarism check. There were initial challenges faced to connect research path and make them understand importance of paper publication and filing patents.

File Description	Documents
Best practices in the Institutional website	https://www.rrit.ac.in/pdf/7.2%20Best%20Practice%202021-22.pdf
Any other relevant information	<u>NIL</u>

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

Institutional Distinctiveness is the driving force for students to seek for admission to the institution. Students naturally look at the institution as a stage for preparing them for their further pursuit of vocation, job or education. In that context, Cultural and sports Mega Fest is organised at the institute makes us distinctive because of its popularity and positive impact on students.

Objectives:

- To provide a platform for the students to show leadership and organization skills.
- To create an opportunity to work in team and being proud of what the institution outlooks for and believes in.
- To set a platform to give exposure on various hidden talents and appreciate their skills.
- To create an atmosphere for students to interact with their seniors, juniors and teachers in a more informal environment.

Salient features of the Fest:

1. The annual fest focuses all field of sports and cultural that opportunities for athletes and players to exhibit their inbuilt talent in sports and other ground activities.
2. Inclusion of Alumni and Parents: The Alumnus and parents are also invited to make them aware about the activities and achievements of Students and college.
3. Students become capable to take leading initiatives and

organizing a variety of activities.

Through these practice students learn to coordinate, manage, interact and work together as a team aimed at achieving a common objective.

4. Students benefit a lot from fest as they shed their inhibitions and perform on the stage and gain motivation to work on their talents.

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

Plan of action for the next academic year

1. Conduction of regular IQAC meeting
- 2.NBA Accreditation for ECE, EEE
- 3, National and International Conference
- 4.National Level Project Exhibition
5. Organize Job Mela -"Job for all "
4. Organising Health Awareness programme and health check up camp
5. Release of college magazine
6. Increasing the research instint among studnets and faculty
7. Setup innovation Cell, BIS Standard Cell
8. Encourage faculty/students to filePatent