



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	RR INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr Mahendra KV
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	080-28391553
Mobile no.	7899743333
Registered Email	rrit@rrinstitutions.com
Alternate Email	rritoffice@rrinstitutions.com
Address	Raja Reddy Layout, CHikkabanavara
City/Town	BANGALORE
State/UT	Karnataka
Pincode	560090
2. Institutional Status	

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	G Parimala Gandhi
Phone no/Alternate Phone no.	08028391554
Mobile no.	9845683087
Registered Email	iqac@rrinstitutions.com
Alternate Email	iqacrrit@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.rrit.ac.in/images/pdf/final-AQAR-2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://rrit.ac.in/events/calendar-of-events-2019-2020/

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B+	2.51	2018	02-Nov-2018	01-Nov-2023

6. Date of Establishment of IQAC

10-Mar-2016

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
FDP on How to Identify Gap in the Course or Curriculum	07-Aug-2019 1	60

Effective Management Communication Documentation process and Procedures	08-Feb-2020 1	45
FDP on Usage of Add-ons in google forms	23-May-2020 1	94
Awareness talk on importance of yoga in day to day life	22-Jun-2020 1	52
Seminar on therapy without medicine	30-Jun-2020 1	117
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
RRIT/EEE/Somash ekar K J / Shyam Sundar	43rd Student Project Programme Scheme	Karnataka State Council for Science and Technology	2020 365	6000
RRIT/CSE/Dr Saravanan.S	43rd Student Project Programme Scheme	Karnataka State Council for Science and Technology	2020 365	4500
RRIT/CSE/Shruthi S	43rd Student Project Programme Scheme	Karnataka State Council for Science and Technology	2020 365	4500
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

Academic Administrative Audit at regular interval

Review of Question Banks

To bring Industry standards into academic formulated Department Advisory Board

Student as member in Department Advisory Council

Student Info Diary book for outgoing students

[View File](#)**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Release of News letters	Newsletters published
Conduction of Certificate programme	At department level certificate programmes were conducted
Feedback on Quality campus life - exit feedback	Collected feedback & prepared report
Google form for Feedback on faculty by students & Exit survey on Campus life from students	To reduce the paper usage of Google forms were implemented successfully for Feedback collection
Student info dairy for 2019-20	Implemented
Awards to women members of NonTeaching Staff	Awarded Non-teaching Lady staff and Housing Keeping staff on International Womens Day Programme
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
GC Meeting	16-Dec-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

05-Oct-2018

16. Whether institutional data submitted to

Yes

AISHE:	
Year of Submission	2020
Date of Submission	29-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>1. Admission - Institute ICMS admission modules helps in admission process of all UG and PG students of the institute. Students are required to complete the admission formality by filling up online admission forms. The module helps in collecting the information of this academic admissions program wise and also helps in making merit list as per the institute norms.</p> <p>2. Academic Activities - The information related to the students roll numbers their course details and their other information is part of this module.</p> <p>3. Attendance - Institute have a student attendance module which helps in recording attendance of all lectures and practical's conducted for programmes. This module determines the list of student who does not qualify minimum attendance requirement of the institute.</p> <p>4. Accounts and Finance - Institutes accounts and finance is run with all its functions using accounts and finance modules.</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution follows the curricula prescribed by the affiliating university Visvesvaraya Technological University and has developed & implemented mechanism for effective implementation. • At the beginning of each academic semester aligning with the university calendar of events, the institute prepares detailed calendar of events. • At the department level, Heads of the Departments allocate subjects to faculty members, based on subject expertise, experience, and choice of subjects of the faculty members. • The timetable coordinator of each department prepares class and faculty timetable with the approval of HOD and Principal. • Each department prepares department calendar of events in line with university and institute calendars of events. • Each faculty member prepares course files for the subjects allotted, which contain detailed syllabi, Lesson plans, assignments, question bank, sample university question papers, internal test papers with detailed scheme and solutions. •

Department Advisory Board (DAB) & Department Academic Council (DAC) are constituted in all the departments to support and nurture the academic activities. • Lab manuals are prepared/ updated for every laboratory course at the beginning of semester and Technical Quizzes are conducted to enhance the technical knowledge of the students. • Question banks for each subject are prepared by keeping university question papers as reference and are distributed to all the students to help prepare them for university examinations. • Based on first internal test and previous semester university examination performances, the department will identify laggards, and will conduct remedial classes to improve the performance of the students. • RRIT has opened a local chapter of NPTEL to encourage the students and faculty members to learn on a par and beyond curricula through registering for NPTEL online courses. • The academic review meetings are held to monitor syllabus completion, students' performance and attendance status after every internal test. • All the class rooms are fitted with ICT tools to enable effective curriculum delivery and innovative teaching methods. • The university e-shikshana courses are made available through edusat for the benefit of faculty and students to enhance the teaching learning process. • In order to get a real time exposure to the industries and to understand their requirements, students are encouraged to visit industries and take up mini projects/ internship / projects as part of their course assignments. • Each department organises workshop/seminar / Guest lecture to train the students beyond curriculum based on the Curriculum Gap analysis report submitted by the course coordinator. Student chapters of various professional bodies like ISTE, IIF & SAE are formed to support students to gain academic excellence and career opportunities.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Certificate programme on Student Knowledge Enrichment and Enhancement	-	23/09/2019	6	focus on employability	Personality development and Skill Development
Modelling Tool - CREO-	-	24/09/2019	6	Employability Entrepreneurship	Working on CREO
Total station	-	09/01/2020	5	Employability Entrepreneurship	Working on Total Station
Training on ETABS-	-	24/02/2020	15	Employability Entrepreneurship	Working on ETABS Software
Soft Skills Personality Development	-	22/06/2020	10	Employability Skills Entrepreneurship	Soft-Skill Development
Natural Language Processing with- Python	-	01/07/2020	10	Employability	Working on Python

Energy Literacy-Learn to Design your own solar home system	-	15/07/2020	10	Employability Skills Entrepreneurship	Working On design of Solar home System
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Mechanical Engineering	29/07/2019
BE	Computer Science and Engineering	29/07/2019
BE	Information Science and Engineering	29/07/2019
BE	Electronics and Communication Engineering	29/07/2019
BE	Electrical and Electronics Engineering	29/07/2019
BE	Civil Engineering	29/07/2019
BE	Mechanical Engineering	10/02/2020
BE	Computer Science and Engineering	10/02/2020
BE	Information Science and Engineering	10/02/2020
BE	Electronics and Communication Engineering	10/02/2020

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical Engineering	29/07/2019
BE	Computer Science and Engineering	29/07/2019
BE	Information Science and Engineering	29/07/2019
BE	Electronics and Communication Engineering	29/07/2019
BE	Electrical and Electronics Engineering	29/07/2019
BE	Civil Engineering	29/07/2019
BE	Mechanical Engineering	10/02/2020
BE	Computer Science and Engineering	10/02/2020
BE	Information Science and Engineering	10/02/2020

BE	Electronics and Communication Engineering	10/02/2020
BE	Electrical and Electronics Engineering	10/02/2020
BE	Civil Engineering	10/02/2020

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	740	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Latest IT Technology and Emerging Trends	30/08/2019	91
Quality Assurance Testing on Applications using Latest Tools	14/09/2019	77
Electrical Design Estimating Costing	17/09/2019	31
Xcelerator skill augmentation program	20/07/2019	90
Primavera, COSTX and Career Opportunities	12/10/2019	40
Introduction to Python and Machine Learning	19/02/2020	75
Food Technology in ML	26/05/2020	36
Career Opportunity in VLSI and AI	26/06/2020	50
Career Opportunities in Networking	17/07/2020	118
Technical paper Writing	23/07/2020	41
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	46
BE	Computer Science and Engineering	46
BE	Information Science and Engineering	40
BE	Electronics and Communication Engineering	20
BE	Electrical and Electronics Engineering	17
BE	Civil Engineering	83

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

The institute has initiated process to collect feedback on curriculum from all the stake holder as a part of continuous improvement in curriculum design. The purpose of the feedback collection is to know the perceptions of the effectiveness of the curriculum implemented. The feedback is collected from students, alumni, parents, employer, Teacher through Google form link. The collected feedback is analysed and reports and recommendations are consolidated. The same will be communicated to the BOS of the university, for consideration in the forthcoming curriculum revision.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Mechanical Engineering	120	25	16
BE	Computer Science and Engineering	60	60	52
BE	Information Science and Engineering	60	50	47
BE	Electronics and Communication Engineering	60	30	20
BE	Electrical and Electronics Engineering	60	20	12
BE	Civil Engineering	120	40	35

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers
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	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2019	840	Nil	102	Nil	102

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
102	102	34	34	2	8

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

: Yes. Student Mentoring System is available in the Institution. • To provide continuous support and to monitor personal, professional and academic growth of each student, proctoring/mentoring system is functioning in the institute. • A group of students is allocated to a faculty as a mentor/proctor in the beginning of first semester. The proctor is from the same department as that of the students. • The proctor maintains the details of each student till he/she passes out. The academic and personal, counselling details are recorded and same will be submitted to chief proctor, HOD, Principal as and when needed. • The proctor/mentor closely monitors the attendance progress, tests marks, results of the university examination, student behaviour and attitude in the class room. • Academic progress report of each student is communicated to the parents twice in a semester. • Non-Performers and irregular students are identified and the parents are beckoned to the campus and suitably advised. • The students are counselled on regular basis by the proctor, and in case of need of special counselling, the information will be passed on to the Chief Proctor/ HOD. • Parent Teacher Meeting is held once in a semester, wherein the parents interact with Faculty and HODs.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
840	102	1:8

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
102	102	Nil	Nil	13

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr Srinivas G Bhat	Principal	Sarvotham Acharaya Puraskar Impact Foundation
2019	Dr. Anitha R Shettar	Associate Professor	International Association of Engineers

2019	Dr. Channabasavaraj S	Professor	Institute for Engineering Research and Publication
2019	Dr. Arulmani L	Associate Professor	International Association of Engineers
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	ME,CS,IS,EC,EE,CV	8th sem/2020	15/06/2020	28/09/2020
BE	ME,CS,IS,EC,EE,CV	6th sem/2020	15/06/2020	09/10/2020
BE	ME,CS,IS,EC,EE,CV	4th sem/2020	15/06/2020	06/10/2020
BE	ME,CS,IS,EC,EE,CV	2nd sem/2020	15/06/2020	28/09/2020
BE	ME,CS,IS,EC,EE,CV	7th sem/2019	30/11/2019	25/02/2020
BE	ME,CS,IS,EC,EE,CV	5th sem/2019	30/11/2019	23/03/2020
BE	ME,CS,IS,EC,EE,CV	3rd sem/2019	30/11/2019	21/03/2020
BE	ME,CS,IS,EC,EE,CV	1st sem/2019	21/12/2019	14/03/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per the regulation of university the college conducts three internal test for each semester and conducts quiz , assignment or viva-voce/seminar as a part of continuous internal evaluation. 1. All the departments conduct three internal assessment tests covering one third of syllabus for each test for all the semesters and the duration of each test is for 75 minutes and the maximum marks are 30. This will be scaled down to 15 marks for 4th year students. 2. A set of three Question banks for each subjects are prepared by keeping previous year university question papers as reference and the same is distributed to all the students for practice and preparation for internal tests and university examinations. 3. Online Question paper delivery system is implemented to reduce the usage of paper. The questions for each course test is randomly picked from question bank by IQAC and will be communicated to respective HODs 10 minutes prior to the commencement of the test. 4. The students have to take up quiz/case studies /viva-voce/mini project/seminar and submit the assignment for each subject and will be evaluated as per the scheme prescribed by the university. Assignment carries maximum 5 marks for 2015 scheme 10 marks for 2017 2018 scheme students. 4. The Scheme of Evaluation is prepared by the

course instructor, and evaluates the test papers accordingly. Also, the faculty discusses the solution scheme of evaluation in the class to help students understand the details of the solution and evaluation process. 5 The final internal marks for 2017 and 2018 scheme are computed by summing up the average score of three internal tests and assignment/quiz marks, for maximum of 40 marks. For 2015 scheme, the final Internal marks are computed by taking average of best two tests and assignment/quiz marks, for maximum of 20 marks. 6. The university prescribes two laboratory courses per semester, and each laboratory is of 3 hours duration per week. The students conduct the experiments/execute the programs, maintain the observation and record book, and the same are evaluated and recorded by the course instructor in every class. 7. Viva-voce Questions/ Quiz are conducted for each lab course to evaluate the comprehension level of the students. 8. The practical internal tests are conducted and internal marks are awarded to each student by summing up the marks scored for records, viva-voce/ quiz, and internal test. Evaluation Process: Self-Appraisal of faculty: The self-appraisal is the method of evaluation which exhibits the contribution of faculty towards the development of the student community and organization. The faculty evaluate themselves by filling the self-performance evaluation form every year, and faculty are graded accordingly. HOD Appraisal on faculty: Faculty evaluation is also done by HOD in the prescribed format. This gives an idea about the overall contribution of the faculty in the department. Students Feedback on Faculty: Feedback on faculty is performed by the students in the prescribed format to provide the faculty an opportunity to assess their performance as a teacher.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

1. The Principal, the Heads of the Departments, and the faculty prepare the calendar of events for the institution based on the university academic calendar before the commencement of every semester specifying the start, last working day of the semester, list of general holidays, internal test dates, practical test dates, curricular, co-curricular, and extra-curricular activities planned. 2. Based on college calendar of events, each department prepares its own calendar of events adding the details for the Department events. 3. Internal evaluation of students' seminar, projects, and internships are conducted in April/May. 4. The Internal tests are scheduled after every five weeks or twenty five working days for three consecutive working days for every test. 5. The university practical theory examinations are conducted after completion of sixteen weeks of academic activity.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.rrit.ac.in/images/pdf/PO's_PSO's_CO's.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
CV	BE	Civil Engineering	80	40	90
EE	BE	Electrical and Electronics	17	20	94

		Engineering			
EC	BE	Electronics and Communication Engineering	20	30	100
IS	BE	Information Science and Engineering	40	50	100
CS	BE	Computer Science and Engineering	42	41	98
ME	BE	Mechanical Engineering	44	42	95.5
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.rrit.ac.in/pdf/2019-20-feedback-report.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	365	KSCST	0.15	0.15
Any Other (Specify)	120	Realm	2	2
Any Other (Specify)	120	canara steel corporation	3	3
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Technical talk on Aerospace Materials and composites	Mechanical Engineering	13/08/2019
Student Development Program on Revit software in Civil Engineering	Civil Engineering	20/08/2019
Emerging Trends and	Information Science	30/08/2019

Latest Technologies in IT-	Engineering, Computer Science and Engineering	
Guest Lecture on Job Opportunities and industry innovative practices in India and abroad	Electronics and Communication Engineering	31/08/2019
Quality Assurance Testing on Applications using Latest Tools	Information Science Engineering	14/09/2019
Guest Lecture on Discrete Mathematics and its innovative Applications-	Computer Science Engineering	16/09/2019
Seminar on Electrical Design Estimating Costing-	Electrical Electronics Engineering	17/09/2019
Workshop on Career in Cyber Security-	Computer Science Engineering	19/09/2019
Work shop on PIC microcontroller in association with LIVE WIRE-	Electrical and Electronics Engineering, Electronics and Communication Engineering	19/09/2019
Seminar on Xcelerator skill augmentation program-	Computer Science Engineering	20/09/2019
Student Development Program on Competitive Preparations for Job in Public Sector and Qualify GATE	Civil Engineering	23/09/2019
Workshop on Modeling Tool - CREO	Mechanical Engineering	24/09/2019
Seminar on Search Engine Optimization in Digital Resources	Computer Science Engineering	25/09/2019
Guest lecture on Automata theory Computability	Computer Science Engineering	01/11/2019
Student Development Program on Primavera software	Civil Engineering	12/10/2019
Student Development Program on Seismotectonic	Civil Engineering	16/10/2019
Hands on session Centre line marking	Civil Engineering	16/10/2019
Seminar on Recent Trends in Industries	Electrical Electronics Engineering , Electronics and Communication Engineering	16/10/2019
Student Development Program on Steel Structures	Civil Engineering	14/10/2019

Awareness program on Environmental hazards of E- waste	Reverse Logistics group (MHRD Initiative), ECEECE	25/10/2019
Workshop on 3D EXPERIENCE Platform in Aircraft and Aerospace Engineering	ECE,CSE,ISE	24/10/2019
Hands on Machine Learning using Anaconda Tool	Computer Science Engineering	04/11/2019
Student Development Program on Advanced computer Architecture	Computer Science Engineering	08/11/2019
Technical talk on recent trends in manufacturing technology	Mechanical Engineering	15/11/2019
Student Development Program on Concepts on Applied Geotechnical Engineering	Civil Engineering	15/11/2019
Workshop on Full stack web development	Computer Science Engineering	15/11/2019
Technical seminar on "Scholarly writing of proposal"	Mechanical Engineering	14/12/2019
Student Development Program on Total Station Hands on Experience	Civil Engineering	19/01/2020
Fascination applications of semiconductors	Basic Science	17/02/2020
Seminar on Introduction to Python and Machine Learning	Computer Science Engineering	19/02/2020
Recreational Mathematics	Basic Science	19/02/2020
Research Proposal Writing for Funded Projects, SCI Indexed Paper Writing and FEA applications in Industry	Mechanical Engineering	20/02/2020
Student Development Program on E Tabs Revit software	Civil Engineering	24/02/2020
Workshop on block chain Technology	Computer Science Engineering	26/02/2020
IQ development through Puzzles	Basic Science	28/02/2020
Workshop on designing embedded system with internet of things using raspberry pi	Electronics and Communication Engineering	02/03/2020
Technical seminar on Java Programming	Computer Science Engineering	07/03/2020

Seminar on Heating Ventilation Air Conditioning	Civil Engineering	09/03/2020
Online Technical seminar on Food technology in Machine learning	Information Science Engineering	26/05/2020
Two days online SDP on Flutter development BOOTCAMP	Computer Science Engineering, Information Science Engineering	27/05/2020
Student Development Program on Internet of Things with Hands on Sessions	Computer Science Engineering, Information Science Engineering	18/06/2020
Seminar on Career opportunities in VLSI Artificial Intelligence	Electronics and Communication Engineering	20/06/2020
Technical Seminar on Java Programming for the Beginners	Computer Science Engineering, Information Science Engineering	19/06/2020
Guest Lecture on Shortest Path Algorithms in Design Analysis of Algorithms	Computer Science Engineering	29/06/2020
Workshop on Personality Development Resume Building	Computer Science Engineering, Information Science Engineering	30/06/2020
Technical Talk on "5G Technology in the field of Robotics" - Industry initiative	Electronics and Communication Engineering	11/07/2020
Student Development Program on Ethics and Integrity	Computer Science Engineering,	16/07/2020
Career Awareness on "Classroom without Boundaries"	Computer Science Engineering	17/07/2020
Career opportunities in Networking	Information Science Engineering	17/07/2020
Workshop on Data Masking and Informatica Tools	Computer Science Engineering	18/07/2020
Faculty Development Program on "Innovations in Civil Engineering	Civil Engineering	22/07/2020
Seminar on Technical Paper Writing	Computer Science Engineering, Information Science Engineering	23/07/2020
Technical Seminar on Wireless Communication Networking	Computer Science Engineering,	24/07/2020
Technical Seminar on Telecom Network Synchronization	Computer Science Engineering, Information Science Engineering	25/07/2020

Expert Talk on Software defined wide area network- an overview	Electronics and Communication Engineering	25/07/2020
Workshop on Automata Simulation	Computer Science Engineering, Information Science Engineering	27/07/2020
Ethics and values in teaching-	Electronics and Communication Engineering	14/08/2019
Objective test in association with Livewire	Electronics and Communication Engineering	16/10/2019
Faculty Development Program on Embedded system Design IOT	Information Science Engineering, Computer Science Engineering	04/02/2020
FDP on Rapid Application Development using Oracle Application Development Framework	Computer Science Engineering Information Science Engineering	20/02/2020
Faculty Development Programme on MATLAB for signal processing applications	Electronics and Communication Engineering	15/05/2020
Student Development Program on Soft Skills and personality development	Electronics and Communication Engineering	22/06/2020
Faculty Development Program- on Interesting case studies in Construction Industry	Civil Engineering	22/06/2020
FDP on linear algebra and its application	Basic Science	22/06/2020
FDP on nano science and technology	Basic Science	25/06/2020
FDP on 3D Printing	Mechanical Engineering	04/07/2020
Student Development Program on Certification Program on Electives subjects -	Civil Engineering	13/07/2020
FDP Advanced Composite Materials	Mechanical Engineering	23/07/2020
2nd National Conference on "Recent Innovations in Science, Engineering, Humanities Management"	COMPUTER SCIENCE	02/10/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Cyber Security in Digital India Hackathon	Jayanth C R (1RI16IS015) S Aishwarya Rao (1RI16IS031)	MSRIT	15/11/2019	Student Hackathon

	Varsha K (1RI16IS053)			
Innovative teacher	R Navaneetha Krishna	RRIT	05/09/2019	Innovative Teacher
Best Researcher	Prashanth H K	RRIT	05/09/2019	Research
Best Researcher	Dr Arulmani L	RRIT	05/09/2019	Research
Best Paper award 2020	Prof. Ranganathan B A and Prof. Deepika R	International Journal of Advanced Research in Science, Engineering and Technology (IJARSET)	29/07/2020	Research
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	2000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electronics and Communication Engineering	7	3.46
International	Civil Engineering	2	6.12
International	Mechanical Engineering	1	4.98
National	Information Science Engineering	10	Nil
National	Civil Engineering	9	Nil
National	Mechanical Engineering	5	Nil
National	Electronics and Communication	4	Nil

	Engineering		
National	electrical electronics engineering	2	Nil
National	Computer Science and Engineering	16	Nil
National	Department of Mathematics	1	Nil
No file uploaded.			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics and Communication Engineering	3
Information Science and Engineering	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Hot powder forging behaviour analysis of sintered AISI 8740 PM steels for automotive applications	Dr L Arulmani	Materials today: Proceedings	2020	0	RR Institute of Technology	1
Trends in Commerce Management and IT	Dr Maya Salimath	ESN Publications	2019	0	R R Institute of Technology	2
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	15	47	150	103
Presented papers	2	87	Nil	Nil
Resource persons	Nil	4	2	9
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Rally on Environmental awareness Program	Green Club -R R Institute of Technology	7	200
Engineer's day and ozone day celebration	Green Club -R R Institute of Technology	2	99
Germination programme at S.S Ghati	Green Club -R R Institute of Technology	6	10
Special lecture on biodiversity in view of World environmental day celebration	Green Club -R R Institute of Technology	5	63
Educational Camp Visited to Hesaraghatta horticulture office -NSS	NSS	5	48
Svasthya Jagruthi	Red Cross -RRIT Prakriya Hospital, Sapthagiri Hospital and college for research	9	400
Awareness program on Environmental Hazards of Electronic Waste -An initiative by MHRD, Govt. of India.	MHRD -ECE EEE RRIT	3	91
Constitution day	NSS	2	80
Environmental awareness program	NSS	2	15

Blood Donation Camp	Red Cross ,RRIT	1	150
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood donation camp	Recognition	Lion's club blood bank	150
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Awareness Programme	NSS -RRIT	Electric Shock first aid and prevention	6	150
World environmental day	Green Club-RR Institute of Technology	Special lecture on biodiversity in view of World environmental day celebration	5	63
Awareness Program	IQAC -Yoga Club RRIT	Importance of Yoga In Day to Day life	4	115
Awareness Program	IQAC-RRIT	Covid-19 Awareness	2	100
Awareness Program	ECE-RRIT	Awareness quiz on COVID_19	2	74
Awareness Program	Green Club RRIT	Germination programme at S.S Ghati	6	10
Awareness Program	Green club-RRIT	Engineer's day and ozone day celebration	2	99
Awareness Program	EEE-RRIT (AICTE-initiative)	Sadbhavana Divas Day	25	100
Awareness Program	ECE EEE RRIT	Awareness Program on Environmental hazards of E-Waste	3	91
Environmental Awareness	Green Club-RR Institute of Technology	Rally on Environmental Awareness	7	200

3.5 – Collaborations**3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year**

Nature of activity	Participant	Source of financial support	Duration
Research	Pranesh K G (Acharya institute of technology)	self	365
Research	Kishore H (Vijaya Vittala institute of technology)	self	365
Research	Virupaksha gouda (Rao Bahadur Y Mahabaleswarappa engineering college)	self	365
Research	Chandru M (Rao Bahadur Y Mahabaleswarappa engineering college)	self	365
Research	Lakshman Shri Pillappa college of engineering	self	365
Research	Mrutyunjaya guddadmth Infotech enterprises	self	365
Research	Shivakumar (Vijaya vittala institute of technology)	self	365
Research	Venkatesh (Sambhram Institute of technology)	self	365

[View File](#)**3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year**

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry institute interaction	Field Visit	Underpass construction , shettihalli railway gate, Chikka banavara:	16/08/2019	16/08/2019	50

Industry institute interaction	Field Visit	Chikkabana vara Railway Station- Railway track Construction	16/08/2019	16/08/2019	68
Industry institute interaction	Field Visit	Geological Park , Bangalore University, Mysore road Gnana bharati 560056, 08022961000	21/08/2019	21/08/2019	42
Industry institute interaction	Field Visit	Construction site visit	23/08/2019	23/08/2019	60
Industry institute interaction	Field Visit	Foundation work and Brick masonry Saptagiri hospital, AGB layout, Jalahalli west, 06366685859	05/09/2019	05/09/2019	37
Industry institute interaction	Industrial Visit	Karnataka Engineering Research Station, Mysore road, Krishnarajasagara, 571607 Mandya district 08326257223	20/09/2019	20/09/2019	93
Industry institute interaction	Field visit	Arene Infr astructures, near saptagiri engineering college, Chikkabanavara	20/09/2019	20/09/2019	43
Industry institute interaction	Field visit	Arene Infr astructures, near saptagiri engineering college, Chikkabanavara	24/09/2019	24/09/2019	44
Industry institute	Industrial Visit	Bharat Electronics	08/11/2019	08/11/2019	51

interaction		Limited, Jalahalli, Bengaluru 560013 08028380288			
Industry institute interaction	Industrial Visit	Industrial Training Institute Ltd, Doorvani nagar Bengaluru 560016 08028503658	04/10/2019	04/10/2019	32
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Student Chapter - Society of automotive engineers	13/11/2019	Internship/Training/Workshops	60
Inauguration of Indian Institute of Foundrymen student chapter	15/11/2019	Internship/Training/Workshops	60
SST Technologies	10/01/2020	Internship/Training/Workshops	45
Parvam Consultech Pvt Ltd	20/02/2020	Workshops/Seminar/Internship/Training/FDP	30
Acranton Technology Pvt ltd	03/02/2020	Internship/Training/Workshops	50
Chira Information Technologies	10/02/2020	Internship/Training/Workshops/Seminar/FDP	41
Acranton Technologies Pvt Ltd	20/02/2020	Internship/Training/Workshops	50
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
10.5	7.5

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Campus Area	Existing
Class rooms	Newly Added
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
IIMS	Partially	3.0.1	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18690	5643562	61	2655	18751	5646217
Reference Books	1990	432916	9	295	1999	433211
e-Books	696	113570	11642	561750	12338	675320
Journals	45	97750	37	81250	82	179000
e-Journals	5860	567430	2100	100000	7960	667430
CD & Video	1101	Nil	47	Nil	1148	Nil
Weeding (hard & soft)	4	840	Nil	Nil	4	840
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr G Sankara	Construction management 2. safety measures in construction Interest and Time value of money Comparison of Alternatives and Breakeven Analysis	You tube	31/05/2020

Prof. Praseeda E	.sedimentation	You tube	15/05/2020
Prof. Gunasheela P	1.Design of compression member,	You tube	04/05/2020
Prof. Deepika R	1.Flexibility method, Mod - 3 - Stiffness method Mod - 4 - Direct stiffness method	You tube	20/04/2020
Prof. Ravi Patil	Support reactions	You tube	19/05/2020
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	500	15	1	1	1	1	7	100	0
Added	0	0	0	0	0	0	0	0	0
Total	500	15	1	1	1	1	7	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Youtube	https://www.youtube.com/user/sankarag
Youtube	https://youtu.be/y98_01GGKxI
Youtube	https://www.youtube.com/channel/UCjRyz3GKuB3YiuvDRaxrcsq?view_as=subscriber
Youtube	https://www.youtube.com/channel/UC-oSfK4ygNlilP5iMrU8smw
Youtube	https://youtu.be/c-vgJtI47p8
Youtube	https://www.youtube.com/watch?v=Z4Qvk5HTtGk&t=418s
Youtube	https://www.youtube.com/user/jaggu8bn
Blogspot	https://rmanjunathiot.blogspot.com
Blogspot	https://sumanthbigdatastudymaterials.blogspot.com
Blogspot	https://ssumanth6.blogspot.com
Blogspot	https://jyothiramakrishnaiah.blogspot.com

Blogspot	https://dhanunitte258.blogspot.com
Blogspot	https://rajushruthi.blogspot.com
Blogspot	https://malasrikanth.blogspot.com
Blogspot	https://ranjitheducom.blogspot.com
Blogspot	https://nithinstudy.blogspot.com
Blogspot	https://www.youtube.com/user/MrNithink123
Youtube	https://www.youtube.com/channel/UC9s3bbLHOGTnbKMFxNazxww
Youtube	https://www.youtube.com/channel/UC9s3bbLHOGTnbKMFxNazxww
Blogspot	https://mnaveenos.blogspot.com
Blogspot	https://emmanuelrdc.blogspot.com
Blogspot	https://vanipatil.blogspot.com
Blogspot	https://ganesham664.blogspot.com
Blogspot	https://profswethakb.blogspot.com
Blogspot	https://arpithamartin.blogspot.com
Youtube	https://www.youtube.com/watch?v=0GwXZib-YL8
Blogspot	https://drchannabasavaraj.blogspot.com
Youtube	https://www.youtube.com/watch?v=7OL61p4aBhY&t=114s
Youtube	https://www.youtube.com/watch?v=QkFFtzIECDc&t=81s
Youtube	https://www.youtube.com/watch?v=79seAH1sLJQ
Youtube	https://www.youtube.com/watch?v=JSUTJ9njhn0
Youtube	https://www.youtube.com/watch?v=tS8_wxygj38
Youtube	https://www.youtube.com/watch?v=R-jocWQJ95g
Youtube	https://www.youtube.com/watch?v=S9WpTmZnLEU
Youtube	https://www.youtube.com/watch?v=gbQSDsO

	R85Q
Youtube	https://www.youtube.com/watch?v=hYP0m86ntOA
Youtube	https://www.youtube.com/watch?v=iUsQBydhjVU
Youtube	https://www.youtube.com/watch?v=zsJUjBjzReo
Youtube	https://www.youtube.com/watch?v=vV97ZhwHDp4
Youtube	https://www.youtube.com/watch?v=YDK_810AJr8&t=299s
Youtube	https://www.youtube.com/playlist?list=PLcwp2fRcIXJXy8Oy1I9GqrjBR3YMcjdsH
Youtube	https://www.youtube.com/channel/UCHejt5MVNYKXk7veD4zCbsQ

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
195.7	179.3	263	246.08

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Infrastructure Maintenance Procedure • All the maintenance work that need to be attended are entered in the complaint Register, and the supervisor will initiate necessary action and follow ups. • Lawns and Trees are watered, trimmed and maintained by the Gardener and helpers under the supervision of the maintenance incharge.. • The staff, students and visitors park their vehicles at the allocated parking space, which is monitored by a security team. • Annual Maintenance is carried out whenever necessary. • Laboratory instructor with the help of laboratory attendant maintains the equipments and machineries of each lab. • As per the requisition raised by the instructor handling the particular lab, faculty in-charge will prepare the list of component/consumables/accessories and other equipments to be procured / serviced to be submitted to the HOD. The same will be forwarded to the principal for further process. • Periodical maintenance, calibrations, and repairing of equipments will be carried out by lab instructor and the same will be recorded in service register. • External service person is called whenever required . • Stock verification is done at the end of each academic year. • Computers are maintained by System Administrator. • As per the requisition raised by the system admin/instructor, faculty in-charge will prepare the list of component/consumables/accessories and computers to be procured / serviced to be submitted to the HOD. The same will be forwarded to the principal for

further process. • Inspection and servicing activities are carried out once in semester. • Stock verification is done at the end of each academic year. • Librarian receives the requisition from each department before the start of academic year and finalizes the list of books required for the two semesters with the help of library committee. • Depending on the requisitions raised, quotations from three vendors are collected, and a comparative statement is prepared. • The accession numbers are assigned for the Books procured and entry is done in the accession register. • The books are issued to the students for fifteen days duration and to be renewed. • Library Audit will be conducted once in a year to check the status of books and to prepare weeding list. • House Keeping department will maintain the class rooms regularly. • Any shortfall or broken furniture or fixtures will be intimated to Administrative officer through HOD by Housekeeping supervisor. • The Administrative officer with the principal approval makes necessary purchases from time to time.

<https://www.rrit.ac.in/images/pdf/SOP's%20-%20Physical%20Infrastructure.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Management scholarship	14	747300
Financial Support from Other Sources			
a) National	AICTE (PMSSS)	2	128220
b) International	ICCR	3	688125
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial classes	19/09/2019	245	RRIT
Bridge course	05/08/2019	104	RRIT
Personal Counselling	23/03/2020	456	RRIT
Orientation Program	05/08/2019	135	RRIT
SDP on Revit Software in Civil Eng.	20/08/2019	60	RRIT
Career opportunities awareness on Higher Studies	29/08/2019	46	IDP Education India
Talk on IT Technology Emerging Trends	30/08/2019	91	Livewire Company
Guest Lecture on Discrete	16/09/2019	40	RRIT

Mathematics and its Application			
Work shop on PIC microcontroller in association with LIVE WIRE	19/09/2020	71	LIVE WIRE
Workshop on Career in Cyber Security-	19/09/2019	137	RRIT
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	SDP Competitive exam preparation for jobs in public sector and qualifying GATE	Nil	100	Nil	55
2019	Guest Lecture on Job Opportunities in India and abroad	Nil	38	Nil	Nil
2020	Guest lecture on Current Trends in Industry	Nil	26	Nil	Nil
2020	Higher studies and job opportunities in public sector	Nil	50	1	Nil
2020	Pre-placement activity	Nil	100	Nil	100
2020	Industrial talk-Educate students about corporate world	Nil	300	Nil	Nil

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Innov (Trigo Quality Production Services Pvt ltd) ADHIPEL Nutshell	120	22	Feenixtech India,, Rands tad, Humar First,, C S S Corp,, Mindtree.Tech Mahindra,, Sysnct , Infotech India Ltd, Cap Gemini, Sap Labs India Pvt Ltd,, Smart Brain Engineer and technology,, Unifrontier Technologies Pvt Ltd,, Paravam Technology,	640	132

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	1	BE	CSE	JSSATE	MBA
2019	1	BE	ECE	AMC	M.Tech
2020	1	BE	CSE	Amrita vishwa veedyapeeth	M.Tech
2019	1	B.E	Civil Engineering	National Institute of Construction Management And Research	Post graduation program (PGP)

2019	1	B.E	Mechanical Engineering	Dayananda Sagar college of Engineering	M. Tech (CIM)
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Awareness Quiz on Pandemic	Institutions	211
Awareness Quiz on COVID -19	Department level	74
Awareness Quiz on first aid in case accidents	Institutions	47
Technical quiz -ME Dept.	Department level	66
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	National level open yoga championship	National	1	Nil	1RI15CS002	Akshay N Mohan
2019	Yoga sir iprabodhapatra	National	1	Nil	1RI15CS002	Akshay N Mohan
2019	Mysore Dasara	National	1	Nil	1RI15CS002	Akshay N Mohan
2019	Sri Krishna Institute of Technology Bangalore -EXPO 2K19	National	Nil	1	Nil	Akhilesh N
2019	Sri Krishna Institute of Technology	National	Nil	1	Nil	"Sunil S Mukesh G S Swamy R Nayak"

	Bangalore -EXPO 2K19					
2019	Sri Krishna Institute of Technology Bangalore -EXPO 2K19	National	Nil	1	Nil	Marouf Ahmad Khan
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

All-round development of students is a primary objective of RRIT. Involving students in various academic and administrative roles plays a vital role in inculcating the qualities of leadership, organization, and responsibility in the students. Focussing on this objective, all the departments of RRIT formed student associations and made the students as members of several academic and administrative bodies/committees. Association Student members of all the Departments participate actively in various academic, administrative, cultural, sports activities. RRIT has a student Grievance and Redressal Cell to handle the grievances received. Principal is the functional head of the cell with few faculty members. A suggestion box is maintained by the college for the students to drop their 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 . The departments have formulated Department Advisory Board (DAB) comprising of senior faculty members and a few students. The committee is responsible for policy decisions of the academic activities for the smooth functioning of the department. The Institution has more than 30 Committees/ Clubs for the holistic development of the students. Many such committees organize competitions, seminars, guest talks, other events for the students. Some programmes are organized to inculcate leadership and management skills for the students. Few Club/committee provide platform for the students to test the concepts hands-on under the supervision of faculty members. Few such committees are as listed below

1. Internal Quality Assurance committee
1. Alumni association
2. Project exhibition committee
3. Green club
4. Innovative club
5. Photography / Videography club
6. Yoga club
7. Energy club
8. Magazine/ Newsletter Committee
9. Red cross
10. ED Cell
11. Drug abuse committee
12. e-shikshana committee
13. Sports committee
14. Cultural/college day committee
15. Placement committee,
16. Department associations
17. Innovation club
18. NSS.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

RRIT 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. RRIT and its Alumni association strongly believe that a healthy and vibrant alumni association will mutually benefit the institute, alumni and society at large. Following are the objectives of the association.

1. To provide a forum to establish a link between the alumni, students, and staff .
2. To enable the alumni to participate in the activities which would contribute to development of institute and society
3. To organize programs to engage the alumni in exchanging the technological and managerial developments at national and international level.
4. To help the alumni with their professional obstacles
5. Encouraging the alumni to provide scholarships

and prizes to deserving poor students 6. To establish alumni chapters at national and international level for alumni residing at various places. RRIT alumni are working and studying all over the globe. The Alumni Association Contributes for the development of RRIT by various means as follows:- 1. Alumni Interaction: 2. Placement Career Guidance Assistance: 3. Campus recruiters: 4. Summer Internship Opportunities: Alumni provide innumerable opportunities of internship in various companies 5. Entrepreneurship Awareness: 6. Alumni Meet: 7. Promoting Institute Events: Alumni associate with various events such as seminars, cultural and sports events etc conducted at RRIT 8. Branding of institute: Alumni are the true ambassadors of RRIT. 9. Institute Social Responsibility:

5.4.2 – No. of enrolled Alumni:

243

5.4.3 – Alumni contribution during the year (in Rupees) :

243000

5.4.4 – Meetings/activities organized by Alumni Association :

1. Number of meetings conducted in Alumni Association: 03 (AY: 2019-20).
2. Technical talk by Alumni on "Conservation and Preservation of Heritage structures" on 22/02/2020.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Department Advisory Committee (DAC): Heads of the Departments have formulated Department Academic Council (DAC) in each department, comprising of students, Senior faculty members, and HOD, and HOD being the head of DAC. The DAC Committee Plans and monitors co- curricular activities such as symposia, workshop, seminar, value added courses. The committee interacts with industries and arranges for collaborative activities, such as Internship, Guest Lectures, Industrial Visits, and students' placement, in coordination with the placement and training cell of the institution. 2. Department Advisory Board (DAB): Each department has established Department Advisory Board (DAB) comprising of two senior faculty from the department and one or two industry experts, and HOD, and HOD being the head of DAB. The DAB Committee identifies the curricular gap between industry and academia and suggests remedial measures. Further, head of the department, in consultation with faculty, prepares academic plans in-line with department vision and mission. 3. Question Bank System: The institute has introduced Question bank system, where in all the faculty members need to prepare question bank comprising minimum of 10 questions from each module. The Internal Quality Assurance Cell is assigned with quality check on the questions and the question bank is shared with the students after the approval of the HOD principal. Question bank encompassing 1 ½ to 2 modules in the syllabus, is prepared by course instructor for each course two weeks before the test date. 4. Internal Test Process: Conduct of internal test is decentralized. The department submits the test timetable to IQAC, and in turn, questions for the internal test are randomly picked by IQAC and the question numbers are mailed to HODs 15 minutes prior to the start of the test. The question numbers are intimated to the test coordinators and the same are communicated to the students writing the test. All the students are advised to carry the question bank to the test hall.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	? The college follows the rules regulations of the affiliating university and Karnataka Education Authority policy for the admission of Karnataka, Non-Karnataka, Indian and foreign nationals. Admissions into all programmes are done purely on merit basis and according to reservation policy of the Karnataka state govt. The Principal of the college along with the admission - promotion and brand image committee carry out the admission process.
Industry Interaction / Collaboration	? Industry Interaction - Collaboration Placement and entrepreneurship development cells are at the forefront in connecting industries with the institution. All the Departments have signed MOUs with many industries to bring industries on to the campus for the benefit of the students. MOUs dish out Industry visits, internships, student projects, Guest lectures by industry experts, and possible placements for the students. ? Various workshops, seminars, guest lectures are organized by the departments inviting industry and academic experts, to give an exposure to students in current trends and technology adopted in industries.
Human Resource Management	The college recruits faculty members as per the norms prescribed by AICTE and the university. RRIT has recruited faculty members who have blended industry and teaching experiences. Focus on research, employee wellness and healthy environment is an indicative of good practice of the institute. Effective self-appraisal system is in place. Shortage in manpower is regularly intimated to the establishment section for necessary action. All the staff members are involved in day-to-day activities viz., Anti Ragging Committee, Internal Complaint Committee, Anti Sexual Harassment committee, SC-ST Welfare committee, Green Club, Energy Club, Yoga etc

Library, ICT and Physical
Infrastructure / Instrumentation

- The institution has well established library with adequate number of books, e- journals, e- resources, and periodicals stacked to update the knowledge. Also, the Institution is a member of e-consortium with DELNet, . D-book store
- The ICT facilities have been created, maintained and managed by a system administrators. Separate common rooms for boys and girls are available on the campus.
- The institution has sufficient number of well-furnished, ventilated, and spacious lecture halls, as per university norms. All the laboratories have been established as per the norms of the university, they are well equipped and maintained not only for conducting experiments but also to carry out research activities.
- Along with the Integrated Central Management Systems (ICMS), the institute has provision of Students Attendance Management (SAM) a software to capture the day to day attendance of the students.
- The institute has subscribed for Microsoft teams for all the students and the faculty for conducting online classes during COVID-19 pandemic

Research and Development

The institute encourages students, faculty members to involve in research work. Many faculty members are pursuing their doctoral program. Also research/project proposals are prepared and sent to various research funding agencies viz., VGST, KSCST, AICTE MODROB, and DST. The Departments of Mathematics, Computer Science Engineering , electronics and communication engineering, Physics and Chemistry have applied for Research center to promote research activity. Research centre of Department of Mechanical engineering is functional with research scholars in process of their Ph.D. Programme

Examination and Evaluation

? In each academic semester, for effective learning and to prepare the students for semester end examination, the departments prepare three question banks covering the entire syllabus prescribed by the university. The internal test questions are selected randomly from the question bank for each test, and test papers are prepared. For continuous evaluation of

students, three IA tests are conducted. The internal marks are calculated based on test and assignment performance. Semester End Examinations (SEE) are conducted as per the time table provided by the University. Faculty members participate in the centralized university evaluation system. All the final year students take up project and internship, for which evaluations are done by examiner appointed by university

Curriculum Development

The institution is an affiliated college and follows the curriculum proposed by the university and strictly adhered to the same. Board of Studies (BOS) of the university updates the courses and syllabi once in four years in consultation with academia, industry experts. The institute collects, analyses and reports the feedback on curriculum by stake holders and communicate to BOS>

Teaching and Learning

? Teaching and Learning: Laboratory Manual, Lecture Notes, DAB and DAC Teaching learning process includes effective dissemination of knowledge and skill to the students in order to make them self - employable or industry ready. For effective implementation of teaching learning process, the departments have established Department Academic Council (DAC) and Department Advisory Board (DAB). The DAC and DAB plan the academic activities as per the university and institution calendars. The course instructors prepare course file lecture material for effective delivery of the courses. The faculty rely on, ICT tools, NPTEL videos, e-learning tutorials, for effective teaching. Remedial and additional classes are conducted for mathematical subjects. Students are accorded opportunities to take up internship in various industries, Student development Programs are organised on electives not opted by the students.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>1. The Institute maintains its website www.rrit.ac.in to communicate its values and updates to the stakeholders. 2. Social Media, Google Groups, Google link for feedback mechanism, online Grievance Redressal</p>

	Mechanism, Alumni linkages are maintained for periodical upgradation and updation of day-to-day activities. 1. Notifications are sent to all the parents through Student Attendance Management System (SAMS), and Microsoft Teams. 2. Online Question paper delivery system for the conduct of internal test is implemented.
Administration	The academic administration is managed through the ICMS.
Finance and Accounts	1. The Institute accounts are maintained through Integrated Central Management Systems (ICMS). Student fee collections, receipt generation and student profile and their accounts are maintained by the software. 2. Details of all accounts and salary are maintained by the software.
Student Admission and Support	1. Students can enrol into various programs through the admission module provided on the institute online portal. 2. Students can pay the admission fee online. 3. Eligible students are motivated to apply for SC-ST Scholarship, e-pass (KARE Pass) for OBC Candidates, National Scholarship Portal, Student Scholarship Portal (SSP), Defence Ward Scholarship, BBMP Scholarship, BMTc Scholarship, and North East and JK students.
Examination	The Examination Related activities are updated directly into university portal time to time.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr. Sunitha H D	Participated in virtual IEEE Faculty conclave for Non IEEE Faculty members by IEEE	IEEE Bangalore Section	Nil
2020	Prof. Premsagar H	2 Week FDP -Latex	Gopalan College of Engineering	Nil
2019	Prof. Swetha K B	2 week FDP on ML to DL for data analytics	Vignana bharathi Institute of	Nil

		using python	Technology	
2019	Dr Manjunath R	3 Days course on 3D Experience Platform by Aircraft Aerospace	Visvesvaraya Technological University, Bengaluru	Nil
2019	Prof. Sharmila H C	Workshop on Structural Health Monitoring, Digital twin-A base for future Technology	Visvesvaraya Technological University, Bengaluru	Nil
2019	Prof. Gunasheela P	Workshop on Structural Health Monitoring, Digital twin-A base for future Technology	Visvesvaraya Technological University, Bengaluru	Nil
2019	Dr Manjunath R	Workshop on Industry 4.0 successfully qualified metal additive application in Aerospace and General Engineering from India	Visvesvaraya Technological University, Bengaluru	Nil
2019	Prof. Priyadarshini H P	FDP on Rehabilitation and Retrofitting of structures	ACS college of Engineering	Nil
2019	Prof. Deepika R	FDP on Basics of Mathematical Modelling and MATLAB Coding	SJB Institute of Technology	1000
2019	Prof. Deepika R	FDP on Rehabilitation and Retrofitting of structures	ACS college of Engineering	Nil
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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		staff				
2019	FDP on Curriculum Gap Analysis-How to identify gap in the course /curriculum	-	07/08/2019	07/08/2019	60	Nil
2019	FDP on Ethics Values in teaching	-	14/08/2019	14/08/2019	50	Nil
2020	2 Days FDP on Embedded system Design and Internet of Things(IoT)	Nil	04/02/2020	05/02/2020	45	Nil
2020	-	SDP "Effective Management Communication and Documentation Process Procedure"	08/02/2020	08/02/2020	Nil	45
2020	FDP on Matlab for Signal processing application	-	15/05/2020	16/05/2020	37	Nil
2020	3 Days FDP on Rapid Application Development using Oracle ADF	-	20/05/2020	22/05/2020	30	Nil
2020	FDP on Addons in Google Form Preparation	FDP on Addons in Google Form Preparation	23/05/2020	23/05/2020	90	4
2020	FDP on "Research proposal writing for funded projects, SCI indexed	-	20/06/2020	22/06/2020	69	Nil

	paper writing and FEA applications in industry					
2020	FDP On Linear Algebra And Its Application	-	22/06/2020	24/06/2020	78	Nil
2020	FDP on Interesting case studies of construction Industry	-	22/06/2020	26/06/2020	25	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on Soft skills (NPTEL)	1	29/07/2019	17/11/2019	120
FDP on Rehabilitation and Retrofitting of structures	2	31/07/2019	02/09/2019	3
FDP on Accreditation and outcome based learning(NPTEL)	1	26/08/2019	18/10/2019	90
FDP on "Ethics and Values in Teaching"	50	14/08/2019	14/08/2019	1
Workshop on Industry 4.0 successfully qualified metal additive application in Aerospace and General Engineering from India	1	28/08/2019	28/08/2019	1
Workshop on Structural	3	26/09/2019	26/09/2019	1

Health Monitoring , Digital Twin- A Base for Future Technology				
2 Weeks FDP on ML to DL for data analytics using python	1	25/11/2019	09/01/2020	14
Workshop on NPTEL	1	29/11/2019	29/11/2019	1
Basics of Mathematical Modelling and MATLAB Coding (FDP)	1	07/01/2020	12/01/2020	6
5 Days Training Programme on Outcome Based Education(OBE) and NBA Accreditation	1	27/01/2020	31/01/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
102	102	37	37

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Sponsored workshop/FDP/Seminars/Conferences 2.OOD is provided for attending examination, workshop, orientation course, refresher course, conferences 3. Staff achieving state and International award are felicitated by institution 4. College provides financial support for faculty enrolling membership in professional bodies/clubs 5.Loan facilities 6. Flexi timing provided for medical reasons 7.Post maternity flexi timing for women 8. Advance to meet emergency expenditure 9.Canteen</p>	<p>1. Loan facility 2. Support for Higher education 3. Festival Advance 4. Canteen Facility 5 Banking Facilities 6.transport System 7.Admission , scholarships and fee concessions 8. Contributory provident fund by the management 9 .Contribution Towards Insurance 10.Refreshments during working hours for administrative staff</p>	<p>1. Scholarship for meritorious students' fee waiver for deserving students 2. Canteen Facilities 3. Banking Facilities at Institutions 4. Transport System 5.ICT Facilities 6. Student info book comprising outgoing students details are given to all final year students during graduation day.</p>

facilities 10. Banking
Facilities 11. Transport
system 12. ICT facilities

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal audit: The people involved are : 1. The Accountants of RRIT and PKMET 2. The Office Superintendent of RRIT and PKMET 3. The Administrative Officer of RRIT and PKMET. They manage all the daily bills of expenses for day to day activities, petty cash, account registers etc,. Duration of audit: Once in every six months. External Audit: The people involved are: 1. The designated chartered accountant and his team. 2. The Accountants of RRIT and PKMET 3. The Office Superintendent of RRIT and PKMET 4. The Administrative Officer of RRIT and PKMET Duration of audit: Annually, as for as there are no unresolved objections raised during the auditing, otherwise, until resolved.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Philanthropies	3084560	Contribution to Department Association, Infrastructure development
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Peer Academician	Yes	IQAC
Administrative	Yes	Peer Academician	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parent teacher meeting once in a semester is conducted in each department to receive suggestions for improvement. 2. A few parents are members of student grievance redressal committee which addresses the student complaints. 3. Feedback from parents is collected and analysed suggestions given on key issues are discussed for improvement. 4. Parents are invited to the student induction program, graduation day, and annual cultural meet (KalataRRangA).

6.5.3 – Development programmes for support staff (at least three)

1. Workshop on Effective Documentation process and Procedures 2. Workshop of Usage of ICT Tools-Google Form preparation and Add on 3. A Talk on How to balance work-Home stress and to stay healthy

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1.. Online Question paper Delivery system for internal assessment test 2 FDP on

**Curriculum Gap Analysis 3. Research Center Applied in 4 departments 4.
Initiated National Board of Accreditation related process**

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	FDP on Curricula Gap Analysis -"How to identify Gap in the Course/ curriculum"	07/08/2019	07/08/2019	07/08/2019	60
2020	Effective Management Communication Documentation process and Procedures	08/02/2020	08/02/2020	08/02/2020	45
2020	FDP of "Addons and in Google Form Preparation "	23/05/2020	23/05/2020	23/05/2020	94

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Universal human values I - Aspirations and Family expectations	03/08/2019	03/08/2019	36	114
Universal human values II - Competition, cooperation and Excellence.	24/08/2019	24/08/2019	36	114

Awareness on Anti-Sexual Harassment	30/08/2020	30/08/2020	36	114
Girl Hygiene Awareness for High School Student	21/09/2019	21/09/2020	100	Nil
Universal human values III - Self and Body, Peer pressure	12/02/2020	12/02/2020	36	114
Universal human values IV- Relationship Nature & Society	15/02/2020	15/02/2020	36	114
Anti-Sexual Harassment and drug abuse awareness	15/02/2020	15/02/2020	36	114
International Women's day celebration	07/03/2020	07/03/2020	60	20

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The 100 percentage energy requirement of the college is met through the Solar panel installed at the roof top of the Institution .

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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	advantages and disadvantages	and contribute to local community					
2019	1	1	01/08/2019	1	Awareness of drug effects	Movement of drug free India	160
2019	1	1	16/08/2019	1	Visit to Railway bridge construction site	Learn Practical aspects of bridge construction	55
2019	1	1	16/08/2019	1	Visit to Railway track construction site	Learn Practical aspects of Railway track construction	73
2019	1	1	21/08/2019	1	Visit to Geological park	To study the geological structure	44
2019	1	1	23/08/2019	1	Visit to Drainage Construction site	Drainage Construction	64
2019	1	1	05/09/2019	1	Foundation Work and Brick masonry	Construction of Masonry Structure	39
2019	1	1	06/12/2019	1	Turning point , An international Android App Launching and Science Project conclave	App is launched to help PUC students to prepare for CET NEET	800

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Ethics	22/11/2019	This Code of Conduct is a guide to all teaching and non-teaching staff,

which sets out standards of conduct for all. 2. The underlying purpose is to ensure that the Institution provides a high quality of service to its stakeholders in accordance with the vision and mission statements of the institution. 3. While framing the code of conduct, the legal aspects were considered to infuse professionalism in the staff, while maintaining set standards of the institution. 4. It has been drafted in compliance with institution policies and procedures. 5. Staffs are required to go through this code carefully and follow the same. 6. Beginning of every semester new staffs are briefed about the code of conduct

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Universal human values I - Aspirations and Family expectations	03/08/2019	03/08/2019	150
FDP on ethics and values in Teaching	14/08/2019	14/08/2019	50
Universal human values II - Competition, cooperation and Excellence.	24/08/2019	24/08/2019	150
Engineers day Ozone day	16/09/2019	16/09/2019	101
Walkathon for Monsoon Diseases	30/09/2019	30/09/2020	200
Rally on environmental Awareness	24/10/2019	24/10/2019	200
Constitution day	26/11/2019	26/11/2019	80
Germination Programme	21/01/2020	24/01/2020	16
Motivational	10/02/2020	10/02/2020	150

Talk: Self-confidence and respect

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Through GREEN CLUB Saplings were planted in the campus. 2. Plastics are not used in the campus. 3. Display boards in the campus saying 'switch off lights, when it is not required' etc. 4. Less paper practice 5. Seed Germination Activity 6. Awareness on Ozone Day activity

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Project Exhibition Objective of the Practice: Major objective of organizing project exhibition is to provide the platform and release the potential of the students by showcasing their innovative projects developed in the final year and provide an opportunity for the students to prove their learning in the courses of program. To Solve challenging problems, develop oral communication skill, public speaking, research team work, Context: To provide platform and release the potential of the students to showcase their projects, providing evidence of quality learning in the program Practice: At the end of even semester, Project exhibition will be organised. The students were able to showcase the project with boosting confidence and providing proof for quality learning. Enhanced student project funding. Majority of the students are carrying out experimental projects of societal relevance Problem Encountered and Resources Required: Many projects are showcased in latest technology, with context of relevance to societal need is addressed. Choosing best project among the displayed project is bit difficult for the judges who evaluate . 2. Title of the Practice: Technical training for students and faculty To help the faculty and students, institute is training beyond curriculum through NPTEL courses, FDP, SDP, Certificate Courses, Workshops, Seminars and Invited talks. Objective of the practice: To provide additional learning to all students and faculty, which helps them upgrade to current developments in respective domains. To provide lateral thinking to skills to solve real engineering problems. The Context: During each semester every department has organised FDP, SDP, Certificate Courses, workshops, seminars and invited talks. The Practice: Along with regular courses students and faculty are trained in their interested domains through NPTEL courses, FDP, SDP, Certificate Courses, workshops, seminars and invited talk organised by all department. Evidence of Success: Observed active participation and securing certificates in NPTEL Courses, FDPs, SDP, Certificate Courses, workshops, seminars and invited talks. Problem Encountered and Resources Required: The department does not face any problem to conduct training programs. It increases the number of training-learning hours and lot of effort must be put by faculty members. Need resource persons Programs has to be continuous training newly joined staff. 3. Title of the Practice : Question Bank System Objective of the Practice To provide quality education to experiential learners by streamlining and coordinating teaching learning process. Context: To Train and educate the students to excel in university/ competitive examinations Practice: Question bank comprising questions encompassing one and half module /two modules is prepared by course instructors and handed over to the students well before each internal test. Three question banks are prepared for each course covering the entire syllabus. Questions are set randomly picking the questions from question bank for the internal test and delivered by IQAC ten minutes prior to commencement of the test. This practice has facilitated the slow learners and advanced learners equally to improve their academic prowess. Evidence of Success: The performance of students have improved in continuous internal

evaluation as well as in semester end examination as evident in their improved grade point average. Problem Encountered and Resources Required: No problems were encountered during the implementation. Uninterrupted power and internet facilities are required.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.rrit.ac.in/images/pdf/best%20practice%202019-20.docx>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Through proper vision and mission, the institution focuses at delivering to its best ability in all the aspect of teaching and learning process. A couple of important initiatives taken at the institution towards teaching and learning practices. 1.Proctor system is implemented in academics in order to track the student progress effectively. 2. Eco friendly environment is maintained on campus. 3. The institution offers value-added skill programmes for the students and staff. 4. Global requirements of quality teaching are met through proficient teaching-learning methods blended with ethical values. 4. Slow learners are identified, and remedial classes are conducted. 6. Students are motivated to present their project work in national project exhibitions. 7. Students and staffs are encouraged to present/publish their research findings in national/ international conferences/journals. 8. Student batches are motivated to represent the institution in state/ national level competitions. 9. Faculty members are encouraged to teach courses online for delivery of curriculum. 10. Question bank Scheme and online delivery of question papers are implemented as an initiative towards less paper institution. 11. The meritorious students are recognised by awarding them Gold and Silver medals on the occasion of the graduation day. 12. Faculty hard work and involvement for the development of the institution are recognised and awarded suitably.

Provide the weblink of the institution

<https://www.rrit.ac.in/pdf/institutional-distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

1. Organize Seminars / Workshops / Faculty Development Programmes 2. Increase the Placement opportunities 3. Strengthen the Alumni interaction with the college and at departmental level 4. Use the e-resource for effective implementation of academic in all the department 5. Conduct Mock Test using MCQ exam pattern to prepare the students for various competitive examination 6. Maintain the ECO friendly Campus and ensure plastic free campus always 7. Conduct Green Audit to Maintain Green campus 8. Effectively use the language Lab for training communication skills in the students and non- teaching Staff