Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	**RR INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr. Manjunatha M B**
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, Near Chikkbanavara Railway Station ,Chikkabanavara Bangalore, Karnataka**
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	**Prof. Maya Salimath G**
Phone no/Alternate Phone no.	**08028391553**
Mobile no.	**9611193888**
Registered Email	**rrit@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/ssr%20report.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.rrit.ac.in/images/pdf/2017-18-even.jpg

5. Accrediation Details

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

6. Date of Establishment of IQAC

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 CO-PSO PO	**18-Nov-2017**	**90**

Attainment	1			
Orientation program on SWOC & Future Plans	16-Sep-2017 1			16
sensitization program on energy conservation	20-Oct-2017 1			70
quality improvement Programme on	14-Oct-2017 1			36
Orientation program on accreditation	29-Jul-2017 1			80
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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/Civil/KavayShree L Magadi	41st Student Project Programme Scheme	Karnataka State Council for Science and Technology	2017 365	6000
RRIT/Civil/Ravi Patil	41st Student Project Programme Scheme	Karnataka State Council for Science and Technology	2017 365	7000
RRIT/ME/Samanth V	41st Student Project Programme Scheme	Karnataka State Council for Science and Technology	2017 365	7500
RRIT/ME/Pavan Kumar Reddy	41st Student Project Programme Scheme	Karnataka State Council for Science and Technology	2017 365	6000
RRIT/ME/Pavan Kumar Reddy	41st Student Project Programme Scheme	Karnataka State Council for Science and Technology	2017 365	7000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	<u>View File</u>
10. Number of IQAC meetings held during the year :	**4**
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)

1. Increased number of students development programmes. 2. initiated Certificate Programmes 3. Organized Faculty development Programme for Quality improvements 4. Initiated feedback process from various stake holders

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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
Inculcation of value systems in students	organized number of Extension activities
Certificate Programme	Initiated
Increase in number of publication	Achieved
Academic and administrative audit	Implemented
Feedback on Teaching Learning Process	Implemented
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Council	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 AISHE:	**Yes**
Year of Submission	**2018**
Date of Submission	**15-Mar-2018**

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	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. 2. Academic Activities – The information related to the students roll numbers their course details and their other information is part of this module. 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. 4. Accounts and Finance – Institutes accounts and finance is run with all its functions using accounts and finance modules.

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

R.R. Institute of Technology, an institute of Higher Education imparting Engineering education, affiliated to Visvesvaraya Technological University Belagavi, adopts the regulations and curriculum of the University. The curriculum defines the syllabus, learning objectives, and learning levels also the university provides the calendar of events twice in every academic year. Accordingly, the academic and non-academic activities are planned and aligned. The syllabus will be discussed in the Academic Advisory Committee/ HODs meeting, for effective implementation. In the academic meeting, the principal instructs faculty members to prepare the Programme, Course and Programme specific outcomes, Individual course plans, Lecture notes, PPTs, and lab manuals. The same is prepared by each faculty member and communicated to the students by circulars, notice boards or on the websites. Further, if a subject is common to more than one branch or class, if more than one faculty handles a particular subject, then a course coordinator is nominated for the same. The course coordinator conducts a meeting with all the faculty handling the subject to deliberate the mode of teaching, discuss the worksheets to be given to the students and to fix the portions for each Continuous Assessment Test. Every individual faculty member maintains Teacher's Diary , and course file which includes: Vision, mission of the institution and department, Students list, Syllabus copy with text books and reference books, Calendar of events, Course

Time table, Lesson plan, Attendance registers, class time table, Individual time table, Course Outcomes , Lecture notes, Question papers of Internal Tests with scheme and solution, list of Assignments, Copies of PPTs slides, if any, VTU question papers of previous years. These course files are reviewed continuously, in every academic meeting during the IA tests of the students, as per the calendar of events. Lecture's are planed according to the lesson plan and it will be periodically inspected by the IQAC in an internal audit. Each staff member maintains a teaching diary to record topics covered in each class. Review of the teaching diary is periodically done by IQAC. Further, in order to get a real time exposure to the industries and their requirements, students are encouraged to visit industries and also complete mini projects a part as their course assignments. Some of the students also go for internships at industries. Some lecture notes are converted into soft copy, PPT and hard copy. Soft copies of the notes are given to the students. The Hard copy of the notes is maintained at the photocopy centre of the college, the students are informed to collect the same. As per the curriculum/ syllabus, Technical quiz conducted after the completion of each unit and modules. Project exhibition for final year students and lower semester students (project and mini project)

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 Internet of Things	Nil	24/07/2017	5	Employability	Skill Development
Certificate Programme on Student Knowledge enrichment and Enhancement	Nil	09/08/2017	5	Nil	Skill Developmen
Certificate programme on Soft Skills	Nil	01/08/2017	5	Employability	Skill Development
Certificate Programme on AutoCAD	Nil	14/02/2018	5	Employability	Skill development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Mechanical	07/08/2017
BE	Computer Science	07/08/2017
BE	Electronics & Electrical Engineering	07/08/2017
BE	Information Science Engineering	07/08/2017

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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	ECE,CSE,ISE,EEE,ME,CV	07/08/2017
BE	ECE,CSE,ISE,EEE,ME,CV	05/02/2018

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

	Certificate	Diploma Course
Number of Students	481	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
Workshop on Apple mobile App Development IDUP-iOS developer University Program	16/08/2017	43
Workshop on EPDF CO in Electronics Industry Across Globe	11/10/2017	60
SDP on MATLAB SIMULINK	07/09/2017	38
Training program on Atomic Theory, Semiconductor Material and its Application	07/09/2017	80
Training Program on networking by Jetking	11/10/2017	66
Application of modelling in industry	09/09/2017	30
one day workshop on geographical information systems and its applications	16/11/2017	64
One day seminar on technical interview IT industry expectation	08/11/2017	131
expert talk on career success and personal effectiveness	23/09/2017	40
One day bridge course on steps towards computer aided building planning drawing(CABPD)	11/10/2017	46
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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	76
BE	Electrical and Electronics Engineering	22
BE	Civil Engineering	73
BE	Electronics and Communication Engineering	53
BE	Computer Science and Engineering	35
BE	Information Science and Engineering	15

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	No
Teachers	No
Employers	No
Alumni	No
Parents	No

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

Feedback Obtained
The feedback is collected in various forms: 1. Feedback on teachers by students on teaching learning process 2. Feedback on Institution Facilities, HoD, Principal by teachers 3. Self appraisal by all teachers reflecting their contribution to Institution, Students and the society 4. Feedback by alumni and parents on the institution its activities The same is analyzed and the actions for improvements is taken. the feedback analysis is also discussed in IQAC meetings and also the Governing council meetings.

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
Mtech	Digital Electronics and communication engineering	18	Nill	Nill
Mtech	Computer science Engineering	18	Nill	Nill
PhD or DPhil	Mechanical	5	5	1
BE	Civil Engineering	120	60	57
BE	Computer Science and	60	60	55

BE	Mechanical Engineering	120	40	24
BE	Information Science and Engineering	60	38	23
BE	Electrical and Electronics Engineering	120	30	16
BE	Electronics and Communication Engineering	120	38	27

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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 in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	1093	Nill	142	Nill	142

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	Numberof smart classrooms	E-resources and techniques used
142	142	6	34	Nill	7
[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 adopted in the Institution. • To provide continuous support and to monitor personal, professional and academic growth of each student, proctoring/mentoring system is implemented 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 requested. • 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 or on a need 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
1093	142	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
142	142	Nill	Nill	9

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
2017	Dr. M S Bhagyashekar	Principal	Member - ISTE
2018	Dr. H V Panchakshari	Professor	Comprehensive Viva-Voce Examination-PhD
2017	Prof . Vani S	Assistant Professor	CSI Membership
2017	Dr Madhu B K	Professor	CSI Membership
2018	Dr. M S Bhagyashekar	Principal	VTU Nominee as Member for Governing Counicil
2017	Girish kumar	Assistant Professor	IAENG Membership
2018	Navaneetha krishna	Assistant Professor	innovative teacher- RRIT
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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	CV,CSE,ECE,EEE,ISE,ME	III sem	25/11/2017	25/03/2018
BE	CV,CSE,ECE,EEE,ISE,ME	V sem	25/11/2017	15/03/2018
BE	CV,CSE,ECE,EEE,ISE,ME	VII sem	25/11/2017	20/02/2018
BE	CIV,CSE,ECE,EEE,ISE,ME	I sem	25/11/2017	02/04/2018
BE	CIV,CSE,ECE,EEE,ISE,ME	IV sem	26/05/2018	26/08/2018
BE	CIV,CSE,ECE,EEE,ISE,ME	VI Sem	26/05/2018	20/08/2018
BE	CIV,CSE,ECE,E	VIII Sem	26/05/2018	20/07/2018

	EE,ISE,ME			
BE	CIV,CSE,ECE,E EE,ISE,ME	II Sem	26/05/2018	06/09/2018

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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 , 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 only for 2015 scheme. 2. 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. 3. The Scheme of Evaluation is prepared by the course instructor, and evaluates the test papers accordingly. Also, the faculty discusses the scheme of evaluation in the class to help students understand the details of the solution and evaluation process. 4 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. 5. 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. 6. Viva-voce Questions/ Quiz are conducted for each lab course to evaluate the comprehension level of the students. 7. 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. Students Evaluation: RRIT practices continuous evaluation as an integral part of teaching learning process. The Continuous Internal Evaluation promotes learning by helping the students to acquire knowledge continuously. Continuous Internal Evaluation in Teaching and learning is divided into the following three categories: Diagnostic Evaluation: Diagnostic assessment helps course instructor to plan the lecture to address different learning requirements of students. It is done before delivering the actual course content. It is used to check students previous knowledge and skill levels based on the data available in proctor books and in students database. Formative Evaluation: Formative assessment methods include Technical quizzes and oral questioning.

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

The Principal and the Head's of the Departments prepares the calendar of events based on VTU academic calendar, every semester including the academic and non academic activities of the Institute. The same after the approval of the management is communicated to the faculty and the students. Details included in Academic Calendar of Events • Weekly Working Days • Weekly Holidays • Government Holidays • Internal Assessment dates • Practical exam dates • Conferences, Workshops, Technical Seminars, Industrial Visit Dates • PTM, Sports Day, Cultural Day, Annual Day, Graduation Day • Last working day of the semester Based on this, each department prepares its own calendar of events adding dates for Departmental events Heads of the Departments conduct meetings with their colleagues to discuss the time table and topics are allotted before the term ends so that teachers have adequate time to plan their teaching and prepare material to be given to the students. The lesson plans practical

manuals are prepared by the teachers to facilitate the learning process and this enables them to devote more time for acquiring skills. The syllabus is unitized and the curriculum is distributed vis. a vis. number of lectures/class teaching hours. Teachers meticulously plan their lecture schedule and often engage extra lectures for problem solving and discussion on difficult topics. Internals are conducted, evaluated and also the display of marks and attendance is done as per the calendar of events the seminars dates on which students has to give the presentations will be displayed on the notice board. Class seminars will be conducted in their respective classes on the day given by the respective subject faculties. From the past two years the Co-Curricular activities of the various Committee/Clubs/Cells of the College are also included in the calendar of events and the conduction of the same is adhered to the dates mentioned.

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%27s_PSO%27s_CO%27s.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
BE	BE	Mechanical Engineering	76	71	93
BE	BE	Electronics and Communication Engineering	53	44	83
BE	BE	Civil Engineering	73	67	92
BE	BE	Computer Science and Engineering	35	30	86
BE	BE	Electrical and Electronics Engineering	22	18	82
BE	BE	Information Science and Engineering	15	14	93
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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/images/pdf/2017-18-feedback-report-final.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
Projects sponsored by the University	120	Visvesvaraya Technological University	0.1	0.1
Any Other (Specify)	120	REALM	1.8	1.8
Any Other (Specify)	120	CANARA STEEL CORPORATION	2.6	2.6
Any Other (Specify)	120	KSCST	0.35	0.35
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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
Workshop on Apple mobile App Development IDUP-iOS developer University Program	Information Science and Engineering	16/08/2017
Workshop on EPDF CO in Electronics Industry Across Globe	Electronics and Communication Engineering	11/10/2017
SDP on MATLAB SIMULINK	Electrical and Electronics Engineering	07/09/2017
Training program on Atomic Theory, Semiconductor Material and its Application	Electronics and Communication Engineering	07/09/2017
Training Program on networking by Jetking	Training and Placement Cell	11/10/2017
Application of modelling in industry	Mechanical Engineering	09/09/2017
one day workshop on geographical information systems and its applications	Civil Engineering	16/11/2017
One day seminar on technical interview IT industry expectation	Training and Placement Cell	08/11/2017
expert talk on career success and personal effectiveness	Internal complaint committee	23/09/2017
One day bridge course on steps towards computer aided building planning	Civil Engineering	11/10/2017

drawing(CABPD)		
Two day workshop on ARM CORTEX- M3 Embedded Controller	Electronics and Communication Engineering	19/02/2018
One day workshop on Simulation of wired and wireless Networks using NS2	Electronics and Communication Engineering	23/03/2018
Training program Solar Energy Technology	Mechanical Engineering	26/09/2017
Certificate Programme on AutoCad	Civil Engineering	14/02/2018
Recent Innovations in Science, Engineering, Humanities Management	Computer Science Engineering	25/05/2018

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
Best Project Award	Meghana R,Rakshanda R H ,Leela T R and Roopa M	Visveswaraya Technological University	28/06/2018	PROJECT EXHIBITION CUM COMPETITION
Best Project Award	Bharath P S and Puneeth B M	Visveswaraya Technological University	28/06/2018	PROJECT EXHIBITION CUM COMPETITION
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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	Nill	Nill	Nill	Nill	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2000	0	0

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	Nill

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)
National	Mechanical	4	0
National	Computer Science	9	0
National	Information Science Engineering	6	0

National	Electronics and Communication Engineering	3	0
National	Electrical and Electronics engineering	5	0
National	Civil Engineering	6	0
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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	1
Civil Engineering	4
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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
A Proficient Web Recommender System using Hybrid Possiblistic Fuzzy Clustering and Bayesian Model Approach	Sumanth V	International journal of intelligence Engineering system	2018	2	R R Institute of Technology	2
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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
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	6	58	Nill	Nill
Attended/Semi	5	67	8	96

nars/Workshops				
Resource persons	2	1	Nill	Nill

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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
75 Anniversary of Quit India Movement	RR Institute of Technology	5	79
Digital India	RR Institute of Technology	3	29
Cyber Crime Awareness program	RR Institute of Technology	10	50
Sadbhavana Diwas	RR Institute of Technology	10	114
Expert talk on gender sensitization	Internal Complaint Committee- RR Institute of Technology	6	70
NSS Swachh Bharath Shramadhan	NSS-RR Institute of Technology	2	45
Rashtriya ekta diwas	IT Club-RR Institute of Technology	4	40
New India Pledge	RR Institute of Technology	3	96
Blood Donation camp	Mediscope Blood Bank and RR Institute of Technology	5	244
Student sensitisation program on energy conservation	IQAC Energy club RRIT	6	70

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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 appreciation	MEDISCOPE BLOOD BANK	244
IAB BLIND EMPOWERMENT CHAMPIONS 2017	Awarded in recogniton of voluntary contribution for	INDIAN ASSOCIATION FOR THE BLIND	160

the empowerment of visual challenges	

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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 activites	Number of students participated in such activites
Extension activity	RR Institute of Technology	75 Anniversary of Quit India Movement	5	79
Extension activity	RR Institute of Technology	Digital India	3	29
Extension activity	RR Institute of Technology	Cyber Crime Awareness program	10	50
Extension activity	RR Institute of Technology	Sadbhavana Diwas	10	114
Extension activity	Internal Complaint Committee- RR Institute of Technology	Expert talk on gender sensitization	6	70
Extension activity	NSS-RR Institute of Technology	NSS Swachh Bharath Shramadhan	2	45
Extension activity	IT Club-RR Institute of Technology	Rashtriya ekta diwas	4	40
Extension activity	RR Institute of Technology	New India Pledge	3	96
Extension activity	Mediscope Blood Bank and RR Institute of Technology	Blood Donation camp	4	244
Extension activity	IQAC Energy club RRIT	Student sensitisation program on energy conservation	6	40

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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
No Data Entered/Not Applicable !!!			
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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
Training/ SKill Development	seminar Alternative Roofing System	ZAK consultancy	16/07/2018	Nill	66
Training/ SKill Development	Seminar on "Skill development "	Karnataka small scale industries association, vijayanagara , bangalore	04/04/2018	Nill	60
Training/ SKill Development	Workshop on LATEST BUILDING CONSTRUCTION EQUIPMENT'S	M/s Synergy School of Business	12/11/2017	Nill	50
Industrial visit	Industrial visit to Multistoried building	M/s Kites Construction s	05/06/2018	Nill	63
Training/ SKill Development	Skill Development programme	Live wire	12/07/2018	Nill	38
Industrial visit	Industrial visit to AAS industries	AAS industries, bommasandra industrial area, Bangalore	07/10/2017	Nill	40
Institute Visit	Industrial visit to ISM univ	ISM University, Rajajinagar, Bangalore	18/04/2018	Nill	30
Training/ SKill Development	Training program on solar energy technology	Mahatma Gandhi Institute for rural energy and development	26/09/2017	27/09/2017	50
Training/ SKill Development	seminar on IoT	ISM University Bangalore	30/08/2017	Nill	100
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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
Kites Construction Academy	11/05/2018	Industrial visit, Student development program	63

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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
45.7	41.67

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Campus Area	Existing

No file uploaded.

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 patially)	Version	Year of automation
Integrated Institution Management System.	Partially	3.0.1	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19269	5416155	812	386079	20081	5802234
Journals	8	17250	37	80500	45	97750
e-Journals	Nill	Nill	5672	650180	5672	650180
e-Books	Nill	Nill	696	13570	696	13570
CD & Video	1008	Nill	71	Nill	1079	Nill

No file uploaded.

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
Nil	Nill	Nill	Nill

No file uploaded.

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	50	0
Added	0	0	0	0	0	0	0	50	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
NIl	Nill

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 incurredon maintenance of physical facilites
164.7	147.4	181	166.79

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 works that need to be attended are written in the complaint Register and the supervisor or Administrative office will initiate necessary action follow ups. Greenery, Lawns, Trees are watered, trimmed and maintained by the Maintenance department consisting of a supervisor, gardener and a helper. The Manure for the gardening is prepared organically at the college campus. Laboratory Equipment maintenance: Laboratory in-charge, laboratory instructor with the help of laboratory attender maintains the equipment and machineries of each lab. As per the requisition raised by the faculty handling the particular lab, the lab In-charge prepares the list of component/consumables and or equipment to be procured / serviced for a the lab before commencement of labs. The same will be forwarded to Head of the department for further process. Periodical maintenance , calibrations repairing of equipment will be carried by lab instructor and the same will be entered in service register and the external service person will be called when equipment are non-serviceable in in-house. Computers: It is maintained by System Administrator.Inspection and servicing activities are being carried out once in semester. Library: Librarian receives the requisition from each department and finalizes the list of books required for the semester with the help of library

committee. **The finalized book list dully approved by principal will be procured. The books are issued to the students for 15 days duration and to be renewed if required the same book.**

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	chairman scholarship	3	36000
Financial Support from Other Sources			
a) National	SC and ST social welfare, Scholarship to defence students under DTE, Category students (backward social welfare office)	344	7103290
b)International	ICCR	3	865395
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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
Bridge course	08/08/2017	202	RR Institute of Technology
Remedial course	12/07/2017	225	RR Institute of Technology
Internet of things	24/07/2017	115	RR Institute of Technology
Student Knowledge enrichment Enhancement program	09/09/2017	116	RR Institute of Technology
Pre Placement Training Program	28/10/2017	41	7th Sense Talent Solutions
Auto cadd	14/02/2018	119	RR Institute of Technology
Soft skills Personality Development	01/08/2017	131	RR Institute of Technology
No file uploaded.			

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	Number of benefited	Number of students who	Number of studentsp placed

		students for competitive examination	students by career counseling activities	have passedin the comp. exam	
2017	Student Knowledge enrichment Enhancement program	116	116	Nill	101
2017	Soft skills & Personality Development	131	131	Nill	Nill
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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
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Infosys livewire BPL V Technology Taskko Solutions Q Spiders Triangle Gravity Pvt Ltd HIS markit Atkins Insight design inc Sri aruna co nstructions private limited JMC Projects Limited	69	33	Interviewbit Gravity Pvt Ltd HIS markit Sri aruna constr uctions private limited JMC Projects Limited JP Morgan Chase Construction division of Kerala small industries development corporation Ltd. Mother Dairy Be Practical Tech solutions TCS Geetha Ele	210	68
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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2017	1	BE	EEE	BHEEMA Institute of Technology	M.Tech
2017	1	BE	CSE	Siddaganga Institute of Technology	MBA
2017	1	BE	CSE	National Chung Cheng University	MS
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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
Any Other	Nill
No file uploaded.	

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

Activity	Level	Number of Participants
Solo dance(Classical)	Institution level	10
Solo dance(Western)	Institution level	24
Dumb Charades	Institution level	14
Vegetable curving	Institution level	7
Rangoli	Institution level	13
Quiz Competition	Institution level	8
Face painting	Institution level	6
Solo Singing(Non classical)	Institution level	25
JAM	Institution level	8
Improv	Institution level	10
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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
Nill	NIl	Nill	Nill	Nill	Nill	Nill
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

a)Association Student members of all the Departments participate actively in

various academic, administrative, cultural, sports activities. b)RRIT has a student Grievance and Redressal Cell to handle the grievances received. Principal is the 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.. c)The SC / ST Committee educates the students about the government benefits and schemes available . d)Discipline Committee: Student representatives of this Committee helps to ensure a calm and peaceful academic atmosphere on the campus and to avoid physical confrontation among students. e)Anti- Ragging Cell: Student representatives in this cell create awareness about Anti Ragging and ensure a friendly environment between juniors and seniors. f)Anti-Sexual Harassment Cell: The student representative in this committee helps to sustain a healthy and congenial atmosphere to all the female students and staff members. g)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. h) 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 also Student coordinator. i)NSS committee students from all departments participated in the 7 days NSS camp at Siddarabetta near Tumkur. j)Green club student members made successful the Green club awareness programs organized in and around Bangalore and also in government schools near Mandya. Likewise the Institution has more than 30 Committees/ Clubs for the holistic development of the students. Many such Committees/Clubs organize competitions, seminars, guest talks, Placement (both on campus and off campus), Alumni meet, NSS activities, sports and cultural activities other events for the students. Such events are organized by the committees along with the students for the developments of 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: Internal Quality Assurance committee, Alumni association, Project exhibition committee, Green club, Photography / Videography club, Yoga club,Energy club, Magazine/ Newsletter Committee,Red cross,Drug abuse committee,Sports committee,Cultural/college day committee, Placement committee,Innovation clubNSS.NSS,Anti-Sexual Harassment Cell,Anti- Ragging Cell.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

RRIT Alumni Association has registerted 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. Vision : To Connect and support RRITians . Mission: The mission of RRIT Alumni Association is to assist and advance the alumni in the pursuit of excellence, continue the friendships formed in the college, build strong and mutually beneficial ties between the college and its diverse alumni, promote goodwill in the community and create a dynamic alumni program that will stimulate interest, build loyalty, increase involvement and generate

5.4.2 – No. of enrolled Alumni:

274

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

274000

5.4.4 – Meetings/activities organized by Alumni Association :

3

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)

R R IT practices decentralization in all academic and administrative activities, it has various academic and administrative committees to monitor, plan and execute academic activities to align with vision and mission of the institution and smooth functioning of the Institute. 1. Administrative Decentralization: Board of Governance comprises of Management Representatives, University Nominees, Industry Experts, Educationists, Representatives of statutory bodies, Principal and other Faculty plan the and deploy policy development, institutional budget, academic and research growth of the institute and other extension activities. Institute has various Committee comprising of representatives of students' representatives, faculty, staff members, and alumni is formed 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 HoDs submit requirements along with relevant quotations, depending upon the need of the syllabus. The college practices decentralization by providing operational autonomy to the departments for the purchase of equipment and services, including requisition preparation, funds approval, payments to suppliers, and follow-up inquiries, 2. Academic Decentralization: There are 30 different committees with well-defined functions that give academic and administrative leadership to the institution. A committee comprising of administrative staff and faculty members are responsible for holistic development of the college and to recommend on the enhancement of student facilities, students' life and experiences at the Institute. 3. 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. Various academic committees like library committee, Time table committee, Attendance Monitoring Committee etc take care of day-to-day academic functioning of the Institute. Cultural committee, NSS , Green Club, Internal Compliant committee Guide and encourage students to participate in curricular and extracurricular activities . All the committees actively associate with all the departmental and institutional activities like arranging guest lecture, workshop, industrial visit, seminar, conference, cultural and sports etc.

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 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	Placement and entrepreneurship development cells are at the forefront in connecting industries with the institution. All the Departments have singed 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 ample industry and teaching experiences. Gender equality with unique service rules are established to maintain rich work culture. 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 sufficient number of well-furnished, well ventilated, spacious classrooms for conducting Theory classes. All laboratories are established as per norms of Apex body are well equipped, and well maintained

	not only for carrying out curriculum oriented lab practical's but also to carry out research activities.The ICT facilities created, maintained and managed by an exclusive System Administrator. Common Room for Boys and Girls separately is available in the campus.
Research and Development	The institute encourages faculty members to take up research work. Many faculty members have registered for research program. Also research proposals are sent for VGST, KSCST, AICTE MODROB.
Curriculum Development	Follow the curriculum defined by the university and adhere to comply with that. For Effective implementation the university updates the courses once in 4 year in consultation with BOS and academic senate council based on demand from the industries. Also adhere to the academic calendar prepared by the university.
Teaching and Learning	For effective implementation of teaching learning process departments have formulated department association . The Association plans the academic activity to in-line with the university calendar and college calendar. Based on the college calendar the departments prepares calendar of events, course file, lecture material for effective delivery of the Courses. Also PPTs and NPTEL videos, e-learning tutorials, Remedial classes, opportunities given for internship in various industries, Student development Programs on problematic subjects aDepartment Association. The nd importance electives which are not chosen by students.
Examination and Evaluation	In each academic semester for effective learning and to prepare the students for semester end examination the department conducts 3 IA tests for students . The internal marks are allocated based on test and assignment performance . Finally semester end Examination are conducted as per the time table given by University. Faculty members participate Centralized university evaluation system . All the final year and prefinal year student take up project or internship for which evaluations are done by examiner appointed by university

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

E-governace area	Details
Planning and Development	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 Mechanism, Alumni linkages are maintained for periodical upgradation and updation of day-to-day activities.
Administration	The academic administration is managed through the ICMS.
Finance and Accounts	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	Examination process are managed through the university examination portal

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
2017	Prof. Sharmila HC	Soil Stabelization using risehusk - International Conference on Emerging trends in Engineering	IETE Bangalore	2700
2017	Prof. Gunasheela P	National Conference on Experimental	BMSIT Bangalore	1500

Year				
		study on Charecteristics of steel fibre reinforced concrete containing		
2017	Prof. Sowmya GJ	2days Work Shop on Solar energy technology	MGIRED	Nill
2017	Swetha KB	FDP On Android Developer Fundementals	SVCE, bangalore	Nill
2017	Prof. Sunanda C V	Workshop on DSP	RNSIT, Bangalore	Nill
2018	Prof. Girish B A,	Outcome based Education format including course outcomes and blooms taxonomy	MSRIT, Bangalore	Nill
2018	Prof. R. Navaneetha Krishna,	Recent trends in high voltage Engineering	AIT, Bangalore	Nill
2018	Prof.Jyothi R	Workshop on A-VIEW demonstration	VTU e-learning centre, Mysuru	Nill
2018	Prof,R S Patil	Two days workshop on 2018 syllabus discussion	BIT, Bangalore	Nill
2018	KavyaShree L Magadi	One day National Seminar on Application of EIA,RS and GIS in envirenment Engineering	Sri Venkateswara Collge of Engineering	Nill
[View File](#)				

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 staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	FDP on CO-PSO PO Attainment	Nill	18/11/2017	18/11/2017	90	Nill

2017	Orientation program on SWOC Future Plans	Nill	16/09/2017	16/09/2017	16	Nill
2017	Orientation program on SWOC Future Plans	Nill	20/09/2017	20/09/2017	70	Nill
2017	quality improvement programme on research methods	Nill	14/10/2017	14/10/2017	36	Nill
2017	Orientation program on accreditation	Nill	27/09/2017	27/09/2018	80	Nill
2018	2nd FDP on PO, PSO, CO Attainment	Nill	22/06/2018	22/06/2018	46	Nill
2018	Introduction to Latex Software	Nill	31/07/2018	31/07/2018	36	Nill
2018	FDP on MS –Office Word Excel	FDP on MS –Office Word Excel	30/07/2018	30/07/2018	56	15

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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
2 days SDP on Auto cad 2D Modelling	1	01/02/2018	02/02/2018	2
Workshop on In vehicle network using CAN	1	03/02/2018	03/02/2018	1
Work shop on ARMCORTEX M3 controller	5	19/02/2018	20/02/2018	2

work shop on simulation of Wired wireless Networks using NS2	2	23/03/2018	23/03/2018	1
SDP On Fundamentals of IP using MAT lab	1	22/03/2018	23/03/2018	2
One day National Seminar on Application of EIA,RS and GIS in envirenment Engineering	3	27/03/2018	27/03/2018	1
SDP on Environmental law for engineers	5	20/04/2018	20/04/2018	1
SDP on Advanced Surveyiing	6	13/04/2018	13/04/2018	1
2days Workshop on DSP Lab	2	23/04/2018	24/04/2018	2
Workshop on New Model Curriculum for thr 1st year syllabus	4	09/05/2018	09/05/2018	1

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
142	142	32	32

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1.Sponsored workshops / FDP/Seminars/ Conferences 2.OOD is provided for attending examination, Workshop, Orientation course, refreshers course , Conferences 3. Staff achieving State and International award are felicitated by the institution 4. College provides financial support for faculties	1.Loan facility 2.Support for Higher education 3. Festival Advance 4. Canteen Facilities 5. Banking Facilities 6.Transport System 7. Admissions, scholarships and fee concessions 8. Contributory provident fund by the management 9. Contribution Towards Insurance 10.	1.Students info book comprising outgoing students details, are given to all final year students during graduation day 2. Scholarship for meritorious students' fee waiver for deserving students 3. Canteen Facilities 4. Banking Facilities at Institutions 5. Transport

enrolling membership in professional bodies/Clubs 5. Loan Facilities 6. Flexi-Timings Provided for medical Reasons 7. Post Maternity- Flexi Timings for Women 8. Advance to meet Emergency Expenditure 9. Canteen Facilities 10. Banking Facilities 11.Transport System 12.ICT Facilities	Refreshments during working hours for administrative staff	System 6.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)

Yes, the institution conducts internal and external audits regularly. Internal audit: The people involved: 1.The Accountants of RRIT 2.The Office Superintendent of RRIT 3.The Administrative Officer of RRIT They look after all the daily expenses and the bills for the day to day activities, petty cash, registers etc and also the additional amount incurred for the running of the institution. Duration: Once in every Six months. External Audit: The people involved: 1.The Chartered Accountant and his team (2 accountants) 2.The Accountants of RRIT PKMET 3.The Office Superintendent of RRIT PKMET 4.The Administrative Officer of RRIT PKMET Duration: Annually So far there have been no objections raised during the Auditing

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	1860000	Infrastructure Development
No file uploaded.		

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. Organising Parent teacher meeting after Every Internal Test 2. Parent Feedback System 3. Invite Parents for Student Induction Program (BS)

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

1. Workshop for Exposure to MS Office 2.Participation in College fest 3. Blood Donation camp

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

Applied for Accreditation and SSR was approved and the peer team visited in the academic year October 2018.

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
2017	Orientatation program on accreditation	27/09/2017	27/09/2017	27/09/2017	80
2017	Quality improvement programme on Research Methods	14/10/2017	14/10/2017	14/10/2017	36
2017	sensitization program on energy conservation	20/10/2017	20/10/2017	20/10/2017	70
2017	Orientation program on SWOC Future Plans	16/09/2017	16/09/2017	16/09/2017	16
2017	FDP on CO-PSO PO Attainment	18/11/2017	18/11/2017	18/11/2017	90
2018	2nd FDP on PO, PSO, CO Attainment	22/06/2018	22/06/2018	22/06/2018	46
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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
Gender sensitization	06/09/2017	06/09/2017	45	25
Career success and	23/09/2017	23/09/2017	23	17

| Personal Effectiveness | | | | |

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
100 percentage power requirement is met by roof top Solar panels installed.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**Yes**	**Nill**
Ramp/Rails	**Yes**	**Nill**
Braille Software/facilities	**Yes**	**Nill**
Rest Rooms	**Yes**	**Nill**
Scribes for examination	**Yes**	**Nill**

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	**1**	**1**	**07/10/2 017**	**1**	**NSS Swachh Bharath S hramadhan**	**Cleanli ness of the Premises**	**45**
2018	**1**	**1**	**27/02/2 018**	**1**	**Blood Donation camp**	**Spread the awareness on blood donation**	**244**
2018	**1**	**1**	**21/03/2 018**	**1**	**March Towards S ustainabi lity**	**To tackle ch allenges of enviro nmental s ustaibili ty**	**100**
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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/Conduct/Values Hand Book	**25/08/2017**	**1.This Code of Conduct is intended as a guide and a help to all teaching and non-teaching staff. It sets out standards of conduct which staff are expected**

to follow when within or representing the Institution. This code is not exhaustive but is written to assist staff and it is important that staff should adhere to the same.2. The underlying purpose is to ensure that the Institution provides a high quality service to its stakeholders in accordance with the vision and Mission Statement and to promote public confidence in the integrity of the Institution. 3. It takes in the requirements of the law and attempts to define the required levels of professionalism to ensure the well-being of the Institution, its staff and its stakeholders. 4. It has been drafted to comply with Institution Policies and Procedures

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
New India Pledge	10/08/2017	10/08/2017	175
Sadbhvana Diwas	20/08/2017	20/08/2017	114
Rashtriya Ekta Divas	08/11/2017	08/11/2017	40
NSS Swachh Bharath Shramadhan	07/10/2017	07/10/2017	45
Digital India	28/04/2017	28/04/2017	29
Student sensitisation program on energy conservation	20/09/2017	20/09/2017	70
Blood Donation camp	27/02/2018	27/02/2018	244
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Green club: Green is the prime colour of the world, and that from which its loveliness arises, Greening the campus is sweeping away negative energy, inefficiencies using natural sources of energies. Green club has taken initiative in Sapling trees. 2. Energy Club: For Energy conservation the campus is fitted with LED bulbs, solar lights, for energy conservation sign boards are

kept all over the institute. 3. Best utilization of natural resource- the institution is fitted with rooftop solar panel that generates 150 KWH power. 4. Usage of plastic bags is banned within the premises of the College. 5. Less Paper office and pollution free campus: To reduce the pollution an underpass at the railway line is constructed for the transit of RR Institutions students. 6. Swachh Bharath Program : Campus clean and cleaned the roads and lakes nearest to the college 8. Shramadhan, Removing plastics and Parthenium plants by NSS in association with BBMP

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1 .Title of the Practice : Question Bank System Objective of the Practice To provide quality education to improve knowledge of students in various fields to experiential learners by streamlining and coordinating teaching learning process. Context: To Train and educate the students to excel in university/ 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. Each subjects questions banks are reviewed by HOD and senior faculty from department. 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 has 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. 2. Title of the Practice : Achiever's Appreciation [An IQAC Initiative] Objectives of the Practice: It is a unique programme conducted with a view to acknowledge and encourage students for excelling in different domains. Many students who are enrolled from a school environment face a different ambience in a college situation. The extroverts take part in the talent hunt that is conducted in the beginning of the academic year and excel. But the introverts take time to bring out latent talents as many of them are shy or indifferent in taking part in extra-curricular activities. To appreciate the extraverts and encourage introverts, this programme is organized. The context: The students who are admitted to the undergraduate course come with various backgrounds.. Most of the students hold a part time job. In this context, it is a challenge to expect students to excel in various extra and co-curricular activities. By organizing an Achiever's Appreciation and honouring achievers, the institution hopes to encourage the others to bring out their hidden talents, so that they will be part of this elite group. Although it is a challenge to identify latent talents, this is achieved by a mentor system where the faculty members are in constant touch with the students. The Practice: Evidence of Success During graduation day to encourage students Mr. RRIT and Miss. RRIT awardees will give to Students are chosen by the Heads of the Departments. and also Committee In charges [Cultural, Sports, Youth Red Cross, NSS, Green club and departmental events wo has actively participated based on their achievements in these fields. Students, who have 100 attendance, are also included in this group. Students who have excelled in academics in both University examinations chosen for Achievers' Appreciation. Slow learners who through their hard work attained I class are also added to this group. Once a year, the Management invites this group to take part in an event called the Achievers' Appreciation during orientation day and Graduation day Programme. College celebrates Teachers day on 5th September every year as birth anniversary of a great Dr. Sarvapalli Radha Krishnan to remember the contribution to society of great work of him.

Teaching and Non Teaching staff were recognized their achievements by awarding many awards Such as: 1. Best Result Oriented 2. Best Researcher 3.All round Teacher 4. Best Teachers 5. Completion of 5 and 10 years of work in R R Institute of Technology 6.Best Mentor International Women's Day Celebration was celebrated every year Awards were given to identify the hard work, dedication and also the talents of female students, employees (teaching, non-teaching and housekeeping staff) across the institution, namely: • Best Student Award – for highest marks scored. • Best Outgoing Student Award – final year student based on Discipline in dressing, Punctuality, Academic, Performance, Interaction with others, Participation in co-curricular events. • Perfect Attendance Award – for teaching, non-teaching employees for taking less number of leaves. • Outstanding Service Award – for teaching, non-teaching, housekeepers / attenders staff for their long service since the inception. • Certificate of Appreciation – for 5 years of service to teaching, non-teaching and house keepers/attenders. Talents of RR Institutions – i. Best Women Researcher of the Institution ii. The Student-Centric Teacher of the Institution iii. Best Mehandi Designer iv. Best Singer v. Best Cook vi. Best Orator vii. Most Dedicated Employee Problems Encountered Resources required No problems were encountered during the implementation.

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%20practices.pdf

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

Over a decade the institute has initiated a lot of positive changes towards the achievement of Vision and Mission, with the support of management, teachers, staff and students. A lot of improvements have been evidently taken place. Few to mention are: Teaching amp Learning Process: 1. The technical knowledge/practical knowledge of respective fields of departments of the students are improved by organizing workshops/Technical talk, quiz competitions and seminar and based on this the throughput result is increasing year by year. 2. Promoted the transformation of students as responsible citizens, competent professionals by teaching them ethical principles and practices to make them as valuable resource for work environment. 3. Created an ambiance and nurture conducive environment to upgrade the knowledge of faculty by conducting Faculty Development Programmes and disseminate the same to students on a sustainable long term basis. 4. College has Signed more number of MOU with industries and for effective interaction with the different industries which is giving opportunity to do students for Internship, Mini projects and Final year projects. 6. Proctor system is followed for student's progress in academics. It outlines the commitment to academic performance expected of all students. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. 7.The increase in the number of full time faculty as per the norms of the regulatory authority. 8.There has been increase in the participation of the faculty in the University assignments such BOS, BOE, Panel of Examiners, Squad duty, DCS duty in various colleges. Research: 1. The institute has many faculties who have registered for the doctoral programme. There has been a Increase in enrolment number. 2. The management provides funds for the student's research projects and will provide 3. There has been an increase in the number of conferences attended, papers presented, awarded best journal paper awards and published by the faculties in National and International Level. 4. The management funds for the students research projects, attending organizing FDP , organizing SDP, Delivering Lecture and Attending any of conference to motivate faculty and

students. 5. The IPR Cell is in place and is creating the awareness about the IPRs in engineering research. Extension activities: 1. To motivates students, the institute organizes to take part in various societal focused extension activities. 2. To bring awareness among health, environmental, address the extension activities have been extended from the institutional and also the location's help Perspective. 3. Clean and neat environment maintained in campus and students are actively participated for various clubs work like NSS and Green Club to maintain Eco friendly environment is maintained on campus. 4. Proctor system and SAM software implemented is implemented in academics in order to track the student progress effectively. 5. The institution offers value-added skill programmers for the students and staff. 6. Global requirements of quality teaching are met through proficient teaching-learning methods blended with ethical values. 7. Slow learners are identified, and remedial classes are taken to give confidence to students

Provide the weblink of the institution
https://www.rrit.ac.in/

8.Future Plans of Actions for Next Academic Year

1.Organize Seminars / Workshops / Faculty Development Programmes 2.Organize International conference 3. Strengthen the Alumni interaction with the college and at departmental level 4. Introduce students Awards for their achievements 5. Conduct institution level Mega Cultural fest for students 6. Maintain the ECO friendly Campus and ensure plastic free campus always to Maintain Green campus 7.. Effectively use the language Lab for training communication skills in the students and non- teaching Staff 8. Organise Health camp and blood donations camp for the benefit of society 9. Celebrate Teachers day and Womens day programme