



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr S Suresh Babu
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	0470 2775505
• Mobile no	+91 7025177773
• Registered e-mail	principal@riet.edu.in
• Alternate e-mail	drssbtkm@gmail.com
• Address	Rajadhani Hills, Nagaroor, Attingal, Nedumparambu (PO), Trivandrum
• City/Town	Trivandrum
• State/UT	Kerala
• Pin Code	695102
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing												
• Name of the Affiliating University	APJ Abdul Kalam Technological University												
• Name of the IQAC Coordinator	Dr N Nalanth												
• Phone No.	04702775548												
• Alternate phone No.	04702775500												
• Mobile	+917510177773												
• IQAC e-mail address	iqac@rietedu.in												
• Alternate Email address	hodcivil@rietedu.in												
3.Website address (Web link of the AQAR (Previous Academic Year)													
4.Whether Academic Calendar prepared during the year?	Yes												
• if yes, whether it is uploaded in the Institutional website Web link:	https://riet.edu.in/pdfs/Academic-Calendar-2021-22.pdf												
5.Accreditation Details													
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B+</td> <td>2.57</td> <td>2022</td> <td>12/04/2022</td> <td>11/04/2027</td> </tr> </tbody> </table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B+	2.57	2022	12/04/2022	11/04/2027	
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to								
Cycle 1	B+	2.57	2022	12/04/2022	11/04/2027								
6.Date of Establishment of IQAC	16/01/2017												
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,													
<table border="1"> <thead> <tr> <th>Institutional/Department /Faculty</th> <th>Scheme</th> <th>Funding Agency</th> <th>Year of award with duration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>NIL</td> <td>NIL</td> <td>NIL</td> <td>NIL</td> <td>NIL</td> </tr> </tbody> </table>	Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	NIL	NIL	NIL	NIL	NIL			
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount									
NIL	NIL	NIL	NIL	NIL									
8.Whether composition of IQAC as per latest NAAC guidelines	Yes												
• Upload latest notification of formation of IQAC	View File												

9.No. of IQAC meetings held during the year	3	
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> • Conduced Faculty Development Program on Moodle LMS. • Conducted ATAL sponsored online FDP on Value Engineering Infrastructure Projects. • Awareness workshop on KTU Academic Audit in association with IQAC • MoU Signed with CDAC, MIBIZeyher Phorensic Lab, CAD BiM Centre • Conducted Academic Audits conducted for odd & even semesters • Collected, Analyzed and Action Taken for feedbacks collected from stakeholders. 		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
To apply for the extension of NBA re-accreditation for Civil Engineering Department	NBA re-accreditation for Civil Engineering Department
To Apply for AICTE Idea Lab project	Sanctioned Rs.1.1 cr project and established the lab in the institution
To Organize various seminars/webinars	Organized many seminars and webinars in various branches of the institution
To submit proposal for conducting Faculty development programmes.	Got approval and conducted many University sponsored as well as non sponsored FDPs
To conduct placement orientation and training for students	Conducted many pre-placement trainings for final year students
To Conduct Internal Academic Audit every Semester	Academic audit is conducted by IQAC team for odd and even semester
To conduct Bridge courses and induction programmes for First year students	Bridge course and induction programmes for First year UG and PG students was conducted
To sign new MOUs for academic collaborations	Signed new MoUs for academic collaborations and internships
To Collect feedback from various stakeholders.	Feedback were collected, analysed and actions were taken

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

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	11/01/2022

15. Multidisciplinary / interdisciplinary

INSTITUTIONAL PREPAREDNESS FOR NEP:

RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY (RIET)

The National Education Policy which was approved on 29 July 2020 by the Government of India highlights the importance of education for developing an equitable and just society for national development. This policy focuses on providing universal access to quality education as the key to India's continued ascent and leadership with social justice and equality, scientific advancement, national integration and cultural preservation. As stated in the National New Education Policy 2022, emphasis education to be more inclusive, equitable and accessible to all, and focuses on creativity, critical thinking, problem solving. Rajadhani Institute of Engineering and Technology (RIET) is also focuses on the 5 pillars of New NEP i.e. Access, Equity, Quality, Affordability and Accountability.

As defined, NEP 2022 is a comprehensive document which covers all aspects of education, from childhood education to higher vocational education. It's an ambitious policy document that to transform the Indian education system at Par with global standard aims the preparedness of RIET campus for the NEP is in detailed as below:

1. MULTIDISCIPLINARY/INTERDISCIPLINARY

1. A discussion among the Management and faculty members was initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. Based on this discussion, various multidisciplinary/ interdisciplinary initiatives are being introduced.
2. RIET campus will focus on overall development of students by inculcating 21st century Learning Skills. Our education would be aimed at developing all capacities of human beings: intellectual, aesthetic, social, physical, emotional and moral values in an integrated manner.
3. RIET campus will organise programs to integrate Technologies

with humanity by arranging presentations by resource persons to inculcate basic scientific knowledge among all branches of engineering, technology and management.

4. APJ Abdul Kalam Technological University offers flexible and innovative curricula that include credit based courses and projects in the areas of Engineering and Technology, community engagement and service, environmental education, and value based education, etc. Various Days of celebrations like Technology Day, International Yoga Day, Engineer's Day, Human Rights Day celebration, Women's day celebration, Road awareness program, environment day celebration etc. could be added to provide diversity.
5. The institute will offer a liberal education which can unlock all human capacities- intellectual, aesthetic, social, physical, emotional and moral values in an integrated manner.
6. The institution plans to find out the problems prevailing among the people in our society and aims to solve these problems by organizing various meetings and awareness campaign. The units of National Service Scheme organises various campaigns and programmes on social awareness, environmental protection etc. for the society at large.
7. In view of NEP 2020, our institute has organized various skill development programs, like, Design Thinking, Faculty Development Programs, 3D printing for Engineering students, Drone Piloting, IoT Development etc.

16.Academic bank of credits (ABC):

1. ACADEMIC BANK OF CREDITS (ABC)

Academic Bank of Credits (ABC) is an online repository for all academic awards under the Digital India Programme. RIET has uploaded students marksheets and certificates through the <http://nad.digitallocker.gov.in> platform.

APJ Abdul Kalam Technological University of Kerala offers facilities for Honors Degree, minor degree and a wide variety of electives including compulsory inter- Department Courses.

In addition, MOOC courses through NPTEL, SWAYAM portal, etc is offered to the students of all disciplines. Around 30% of students are registered for Honors and Minor degree Programs as per rules of the University. Students are also encouraged to register for NPTEL courses, to achieve thier activity points. The college is a local centre for NPTEL.

17.Skill development:

RIET houses Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY). Regular training programmes for rural youth between the age of 15-35 years from rural families are conducting in the domain of Housekeeping, Food Production and F&B Service Steward.

RIET has an AICTE- IDEA Lab. Through this, the institute has organized a number of Skill Development Programs for faculty, students of this college, school students, teachers and public in general.

As part of value based education programs are organised for mental health, yoga & meditation, Human Rights Day, Azadi Ka Amrit Mahotsav etc. The institute is trying to get Skill Partner Certificates from National Skill Development Corporation. Events like ASPIRE 2022 - Young Student Scientist Programme has also been conducted to promote, instil and enhance scientific temperament among school students. The programme primarily focussed on highly talented students of schools in Kerala to pursue a career in Science, Technology, Engineering and Mathematics.

The institution is planning to introduce few BVoc courses from the upcoming academic year, through this; it is expected to cover different classes of students, who are directly employable.

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

The college has taken efforts to integrate the Indian Knowledge System in the teaching learning Process. The college admit students from various states like Mizoram, Jammu & Kashmir, Tamil Nadu and Kerala. The College also organises events for promoting culture, art and literature to integrate diversities of traditions among students.

The B.Tech and MBA students are having courses on Business & Professional Ethics, which focuses on creating awareness among students regarding heritage, culture, social values and social commitments. This help tthem to instill cultural values in their soial and professional life.

The institute celebrate International Yoga Day, programs related to youth development, cultural and Arts festival, through which programs related to folk songs, Mizoram dance, Mohiniyattom, ragas of Karnatic music and Hindustani are performed

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

The Civil Engineering B.Tech Program is accredited by NBA in 2018 and is reaccredited for another three years in 2022. Few more branches are now preparing for NBA Accreditation. The college is accredited by NAAC with B+ grade in 2022.

RIET offers B.Tech in Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Robotics, Cyber Security, Aeronautical and Computer Science & Engineering, MTech in Geotechnical and Structural Engineering, MBA in HR, Marketing, Finance, Operations, and Bachelor in Hotel Management & Catering Technology. All these programmes are offered as outcome-based education (OBE) which is designed by keeping in mind the regional and global requirements. RIET has clearly stated Programme Outcomes, Programme Specific Outcomes and Course Outcomes. All courses are designed with outcomes centred on cognitive abilities as stated in Bloom's Taxonomy namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. The Course Objectives (COs) are also aligned to the PO-PSO philosophy.

20.Distance education/online education:

The campus promotes online education and many of faculty uses flipped classroom concept for academic delivery for B.Tech, M.Tech, MBA and BHMCT programs. Due to Covid -19 pandemic, educational institutions in the country has increasingly involved in using the digital platforms for engaging classes, conducting conferences and meetings. RIET also explored the avenues of this by conducting classes, exams, training programmes, workshops, webinars and conferences through digital platform. RIET regularly conducts online interactive sessions with Alumni and other experts in the domain of engineering, management, hospitality and technology along with regular on campus interactive sessions. A Campus Management Software and a Learning Management System, *Linways* is being used by the faculty and students to disseminate e-learning resources, monitoring attendance, online submission and evaluation of assignments, conduction and evaluation of online examinations, and declaration of results. The platform is also used for taking faculty feedback by the students.

Extended Profile

1.Programme	
1.1	436
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	1542
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2	96
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	346
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	115
Number of full time teachers during the year	
File Description	Documents
Data Template	View File

3.2	118
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4. Institution

4.1	44
Total number of Classrooms and Seminar halls	
4.2	1546.19
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1453
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Curriculum Planning and Implementation

- RIET ensure effective curriculum planning and implementation through student-centric approach and practicing Outcome Based Education with well defined Programme Outcomes, Programme Specific Outcomes, and Course Outcomes.
- Internal Quality Assurance Cell prepares the academic calendar in adherence with APJKTU directives and time table is prepared at the department level.
- HoD assigns subjects to the faculty members and a Staff Advisor is nominated with the concurrence of the Principal.
- Faculty members prepare Course File which consist of Course Plan, Academic Calendar, Syllabus, and copies of question papers, evaluated answer books and assignments.
- Faculty gives an introduction of the subject and prerequisites at the beginning of the session.
- Internal examinations are conducted by examination cell and question papers are prepared by stating COs and Levels,

scrutinized by a committee with the approval of DQAC and IQAC.

- Continuous quality assessment are performed through assignments, seminars and quizzes.
- Online resources including e-journals and Campus ERP facility (riet.linways.com) to post notes and learning materials.
- Experiential and Participative Learning through study tours, internships, projects and industry visits.
- End semester feedback is being taken for all courses with review meetings and a report is submitted to the Principal for taking actions and faculty appraisal.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/file/d/1LhDmrfVYcHPJ9AwhGLffi50Qj5BiWg2C/view?usp=share_link

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

Adherence of the Academic Calendar for Continuous Internal Evaluation

The academic calendar of APJKTU outlines the schedule of class work, internal and external examinations. Based on, RIET prepares academic calendar by incorporating extra and co-curricular activities.

The Academic Calendar of APJKTU is strictly followed by RIET for timely completion of courses, conduct of internal examinations and publication of results.

1. The evaluation of a course consists of End Semester Examination (ESE) and Continuous Internal Evaluation (CIE).
2. ESE is conducted by APJKTU at the end of the semester.
3. The CIE is based on seminars, periodic tests, assignments (minimum two per semester), mini projects and module tests.
4. The faculty member is carrying out the CIE of respective course. The CIE is applicable for both theory and practical.
5. CIE is carried out for for each programmes based on the the University guidelines.
6. The answer books are evaluated and answers are discussed and a model answer script is displayed.
7. In the CIE, due weightage has been given for behavioral

aspects, self-study initiatives and communication skills.
8. Regular feedback has been taken from students for improving quality, standard, and process of evaluation.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/folders/1chWOyVTVCrxtFv-w119VH11Jf8dCVNAX?usp=share link

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

12

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

5

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

88

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

1.3 - Curriculum Enrichment

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

RIET offers ethical and value oriented activities for the progress of society with diverse programmes introduced by APJKTU. RIET has incorporated innovative pedagogies for inculcation of human values, ethics, and gender equality, environmental consciousness and sustainable development.

Environment and Sustainability

1. Introduction of Sustainable Engineering course for engineering disciplines addresses ecosystem and sustainability.
2. A non credit course Integrated Disaster Management for MBA focuses on the causes and impact of disasters on natural environment.
3. Invited talks were also arranged as part of environment day celebrations.

Human Values, Gender Equity and Professional Ethics

1. Courses on Ethics, Governance and Corporate Responsibility (20MBA113), Employability Enhancement Programme (20MBANC1) for MBA and Life Skills (HS210), Human Relations Management (ME373) and Constitution of India (MCN 202) for engineering disciplines, made students more sensible to society and values.
2. Conducted Expert Talks on gender equality, mental health, environment and sustainability, human values and ethics.
3. ICSSR and IIT Madras conducted a one month online workshop for MBA students on Universal Being Values.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

20

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

698

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

1.4 - Feedback System

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

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	https://drive.google.com/file/d/1H0JH6bOnNUbqmpHoLP8EArxXTXZwOvFL/view?usp=share_link
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://riet.net.in/pdfs/FEEDBACK%20ANALYSIS%202021-22.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

498

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

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

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

50

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

2.2 - Catering to Student Diversity

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

Systematic evaluation process through continuous assessments consist of written examination and assignments, group and individual presentations, mini project, practical examination, viva voce are

carried out to identify advanced and slow learners.

The department lists the strategies for advanced and slow learners viz.,

- Orientation classes for Mathematics, Physics and Chemistry during first semester engineering disciplines before the commencement of regular course work.
- Bridge courses for Basics of Management, Statistics, Accounting and Professional Communication are also conducted at the beginning of the MBA programme to equip them for academic curriculum.

STRATEGIES FOR SLOW LEARNERS

- Remedial classes are conducted with individual attention for improving learning and problem-solving skills.
- Special attention/counseling by faculty mentors.
- Providing study materials and extra lab hours to improve theory and practical knowledge.
- Motivational talks to raise confidence and to excel in academics.

STRATEGIES FOR ADVANCE LEARNERS

- Encourage students to do self-learning courses like NPTEL, MOOCs and Certificate Courses.
- Motivate to attend conferences, workshops and paper presentations as well as to take up mini projects to enrich technical skills
- Encourage to attend competitive examinations like Civil Services, JRF etc.
- Encourage for memberships in professional bodies.
- Expose to new technologies like IoT, AI & ML, through specific training programmes.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1lUKyCxVW9DFXF9LEcKPysaX4LGjROtLU/view?usp=share_link
Upload any additional information	View File

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

Number of Students	Number of Teachers
498	115

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

RIET ensures the holistic development through student-centric learning process. The institute gives importance to OBE. It provides innovative learning methods by developing analytical, problem-solving and soft skills. Experiential Learning, Assignments, Projects and Participative Learning are part of the curriculum for every programme in RIET.

- **Field and Industry Visits:** Students are exposed to industrial realities through study tours and industry visits.
- **Assignments:** Assignments are given to the students to nurture their problem solving abilities. Collaborative learning is practiced.
- **Project Based Learning:** To get a deeper understanding of the subject and gain hands-on practical experience, all programmes have projects. Mini projects are also given. The final year projects are mentored and evaluated by external experts from professional bodies and industries. These projects have well-defined framework to ensure quality.
- **Conferences, Exhibitions and Fests:** RIET conduct scientific exhibitions / workshops etc to make learning student-centric by inculcating experiential and participative learning. The annual tech fest 'ITHIHA' for engineering students showcases the technologies and products developed by each and every department to the general public. The management fest 'Le Emperoz' exhibits the managerial talents and organizing capabilities of management students. Annual Food Fest is also being organised by as part of experiential learning.
- **Internships:** Students are encouraged to take up internships, thereby translating the classroom knowledge into practice.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.itiha.riet.net.in/

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

The Information and Communication Technology (ICT) - based learning has greater importance in the current situation. Today, it is essential for the students to learn and master the latest technologies to be corporate ready. The faculty members are combining technology with traditional mode of instruction to enhance students' learning. RIET uses ICT in education to support, enhance, and optimize the delivery of education.

- Projectors- LCD projectors are available in all classrooms/labs and seminar halls.
- Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom.
- MOOC Platform (NPTEL, SWYAM etc)
- Digital Library resources like DELNET,J GATE.

Use of ICT by Faculty

A. PowerPoint Presentations- Faculty members are encouraged to use PowerPoint presentations by using LCD projectors.

B. Industry Connect- Conference Rooms are digitally equipped to conduct guest lectures, expert talks and various competitions regularly for the students.

C. Video Conferencing- Online events are conducted with the help of Zoom/Google meet applications. SDPK (Skill Development Platform Kerala) lab available in the campus intends to improve the employability of the students to global standards.

D. Seminar Hall: It is equipped with multimedia facilities. Invited talks and seminars are conducted using ICT facilities.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

43

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

115

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

22

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

427

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The Institute follows semester system for all UG/PG programmes. At the beginning of each semester, an Academic Calendar is prepared in line with the university calendar by IQAC. Handbooks are also given to the students.

- Students are subject to Continuous and End semester evaluations and RIET ensures accountability and transparency.
- Question papers prepared by the faculty are approved by DQAC and HoD.
- Internal marks for theory course of engineering disciplines carries 50% marks from series tests, 30% marks from assignments and 20 % marks for attendance. The internal marks of theory courses of MBA carries 40% marks from series tests, 25% from assignments, 25% from seminars and 10 % for attendance.
- Internal marks for practical courses of engineering disciplines are based on 70 % marks from Continuous evaluation and 30% marks from model exam. Hotel Management carries 30%

and 70% for internal and external evaluation respectively.

- Two series tests are being conducted as part of CIE.
- Internal evaluation for Internship/ Projects of UG/PG courses are by Guide, Project Coordinator and HoD. The final presentations are evaluated by Project Coordinator, Guide, External Expert and HoD.
- Display of internal marks on notice board duly signed by the Principal and HoD .

File Description	Documents
Any additional information	View File
Link for additional information	https://riet.linways.com/staff/

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

RIET follows complete transparency in internal evaluation and assessment. It strictly follows the guidelines specified by the university.

- Series test schedules are prepared as per the university academic calendar and communicated to the students well in advance. The results of series tests and internal assessment are displayed on the department notice board.
- Performance of the students in the lab is assessed for every experiment. This includes regularity, performance, viva voce and promptness in submitting the record.
- The evaluation of the project for UG and PG is done by a Project Review Committee along with the project guidelines of the university.

Procedure of grievances redressal at the Institute level:

- Grievance Redressal Cell of RIET helps the students to address general and personal grievances.
- Any grievance related to internal assessment is addressed to Academic Discipline Committee through HoD and Class Advisor .
- The General/Academic Discipline Committee, entrusted by the Principal investigate unfair practices reported by students, if any
- Any grievances related to End Semester university semester

exams are addressed to the principal.

- After making a detailed analysis of university question paper by the subject handling faculty member and Head of the Department, the apprehension will be reported to the university immediately.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/ldi6v_yTZjLsNOWJzZxpPYjKQeBZ2GNoX/view?usp=share_link

2.6 - Student Performance and Learning Outcomes

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

RIET offers multi-disciplinary programmes at undergraduate and post graduate levels. The Programme Outcomes (POs) and Course Outcomes (COs) are designed by APJKTU. COs are defined for every course, as statements that describe competencies gained by the student through the course. Every CO is aligned to one or more POs, and measured at the end of the course, through various assessments, designed specifically to measure the CO and the contribution to PO. In compliance with the industry requirements of the specific domains, PSOs are framed by the concerned department after discussions with faculty members and other stakeholders. These outcomes are displayed through various means such as Institute Website, Departments, Laboratories, Computer Labs, Orientation Programmes, Faculty Meetings, PTA Meetings and Alumni Meetings.

The POs are published in the syllabus, institute website, student handbook, notice boards and display boards in departments.

Before the commencement of the course, faculty members elaborate the objectives & outcomes of each course. The department also collects feedback from students, parents, employers, other stakeholders and teachers on the program and course outcomes. This is subject to an audit by the Department Council for due consideration.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://riet.edu.in/pos-and-psos/
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The Program Outcomes (POs) and Program Specific Outcomes (PSOs) are assessed with the help of course outcomes through direct and indirect methods.

The tools used for the assessment are:

1. Internal and External Assessment

The institution conducts module test or class test and two series examinations for all courses during one semester. The student's performance is closely monitored by their respective staff advisors. They also interact with the concerned faculty member to conduct special assignments, tests and make them solve previous question papers.

2. Project evaluation also contributes to PO/PSO.

Student's involvement in projects of reputed Institutes like and their publications in international/ national Conferences contribute to PO/PSO. In the case of project evaluation, right from the initial stages, the candidate conducts regular discussions with the guide and has to submit the progress reports periodically and also present the progress in the form of presentations before the project evaluation council. The final presentations will be evaluated by the project coordinator, guide and the HOD.

3. Evaluation is done by Direct and Indirect Method

Direct method of Evaluation includes series examinations, Assignments and University examinations. Indirect methods include course end survey, faculty survey, program exit survey, parent survey and alumni survey.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/file/d/1IsT9DTpZiEXtXA8a5ytJpuHUv2thX4YH/view?usp=sharing

2.6.3 - Pass percentage of Students during the year

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

207

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/file/d/1v11IH7uG58ad5R6o5tMntgS8fqUAKbnJ/view?usp=sharing

2.7 - Student Satisfaction Survey

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

<https://riet.edu.in/pdfs/AQAR-2021-22.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

4.57

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

7

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

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

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

0

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

3.2 - Innovation Ecosystem

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

RIET has created an ecosystem for innovations and initiatives to create and transfer of knowledge. This innovation system includes

IEDC, Start-ups, Women Entrepreneurship, IPR, Social Entrepreneurship and Idea Lab. The seed of entrepreneurship at RIET is mainly focuses on women empowerment.

IEDC was established with the support of Kerala Start-up Mission. An interactive talk with entrepreneurs was conducted on 17th November 2022 to learn about the start-up ecosystem in Kerala which was inaugurated by Dr. Lini Basil, Founder & CEO, ByLin Medtech (P) Ltd. Training programs on CAD Modelling, 3D Printing, Catia V5 etc. were also conducted. Expert talks and webinars were organised on the social start-ups which gives the students immense practical exposure. Three start-ups were initiated in the campus. Three patents were also registered by the faculty members. AICTE has funded Rs 1.1 Crore to set up an Idea Lab to facilitate creativity and innovation blended with technology under one roof.

Another milestone is the initiation of chapters of various professional societies, which include Society of Automotive Engineers India, Auriferous Chamber of Mechanical Engineering, Indian Society for Technical Education, Geotechnical Society of India, Institute of Electrical and Electronics Engineers, National Institute of Personnel Management and Project Management Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://riet.net.in/iedc/

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

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

21

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

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	https://riet.edu.in/research-guides/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

24

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

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

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

3

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

3.4 - Extension Activities

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

Pallikkal Grama Panchayath

A General Orientation Programme on Modern Marketing Techniques was conducted at Pallikkal Grama Panchayath to create awareness among the beneficiaries on entrepreneurship. Faculty members of MBA handled the session.

First Aid Awareness Programme

A First Aid Awareness programme was conducted in association with St John Ambulance on 30/11/ 2021. Three doctors and trainers handled training sessions with demonstrations.

Women's Day Celebrations

Women's Day 2022 was celebrated on 8/3/2022. The chief guest of the programme was Ms Jyothi Ramaswamy, Tata Consultancy Services, Trivandrum. The topic was Women in Technology.

Cancer Awareness Program

A cancer awareness program was organised by NSS Units at Rajadhani campus to provide awareness of cancer and its related issues.

Community Outreach Programme

Department of Business Administration conducted a Community Outreach Programme and New Year Celebrations at Government LPS, Mevarkkal on 6/1/2022. The students of the school were gifted with books and stationeries.

One District One Idea Programme

RIET has been selected by K-DISC as partner for developing innovation action plans of cluster development under One District One Idea - MSME innovation clusters programme.

Startup Awareness and Leadership Training (SALT)

IEDC of RIET has conducted startup awareness programme among school students of Government VHSS, Njekkadu on 18/2/2022.

File Description	Documents
Paste link for additional information	https://riet.edu.in/events
Upload any additional information	View File

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

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

2

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

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

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

7

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

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

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

698

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

3.5 - Collaboration

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

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

90

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

27

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

RIET is located at Attingal, Trivandrum spreads over 20 acres of land with adequate infrastructure and learning environment which offers 8 UG, 2 PG in Engineering, 1 PG in Business Administration and 1 UG in Hotel Management & Catering Technology affiliated to APJ Abdul Kalam Technological University.

RIET have 44 well equipped classrooms with LCD projectors, 11 tutorial rooms and 2 seminar halls with over 170 seating capacity, and 2 auditoriums which can accomodate 2600 persons. All laboratories and workshops are equipedwith modern facilities and machines. The central library is having a carpet area of 834 sq.m and reading area of 150 sq.m with more than 35,000books, 400 e-Journals, membership in National Digital Library (NDL), The Institution of Engineers India (IEI) -Springer, APJKTU Digital Library Consortium, E-Shodhusindhu ,DELNET, J-GATE,etc.

The computer labs are supported with more than1500 computers with accessories. RIET is an "Apple Authorized Training Centre ". Recently, Government of Kerala has established SkillDelivery Platform of Kerala (SDPK) to impart skill development programmes linking 150 engineering colleges in Kerala with the IT parks through a tele-presence network.

Separate hostel facilities are available for boys and girls in the campus. College buses are available for transportation. A food court with modern aminites, cafeteria and snacks bar are also available in the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://riet.net.in/campus-location/

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

RIET pays attention for holistic development of students by providing various arts and sports activities. A 200 mts track, ground for football and cricket, indoor courts for Badminton, Basketball and Volleyball and twofully fledged muti-gyms are also available in the campus. Annual Sports Meet is organised to bring out the inborn talents and sportsmanship. Various games, like; Cricket, Football, Volleyball, Kabadi are conducted as inter-departmental competitions. Our students participated in various sports and games activitiesorganised by University. University awards grade points to students who win prizes in various inter collegiate and inter university competitions.

Cultural activities are an intrinsic part of our campus. Inter-departmental competitions on arts and literary events are held.. Student Affairs Council (SAC) organizes Arts festival, titled "Zerron" to nurture cultural and artistic talents of students. A nationallevel techno-cultural fest titled "ITHIHA" is also conducted every year. The MBA Department organises national level management fest "Le-Emperoz"which attractparticipants from different B Schools with events like Best Manager, Best Management Team, Business Quiz, HR, Marketing, FinanceGames, etc.

The Institute promotes the practice of Yoga among students and staff as an integrative approach.Yoga sessions are regularly conducted in the campus. The International Yoga Day is observed every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://riet.net.in/sports/

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

LMS, etc.

28

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1wSaS2v5MiS0zqb2Te35AJf8rUvxEGIc/view?usp=share_link
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

37.39

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The Central Library and Digital Resource Centre have books, journals, volumes related to all branches of science, engineering, and management. It is fully automated using integrated library management system Linways. The library has well developed infrastructure and has a built up area of 1000 sq.m. In addition to the central library, departmental libraries cater to the resources pertaining to specialised knowledge areas. Located in the main building, the resources of the library are open to all the departments of the institute. The library also maintains a balanced

collection of books for general reading and references. At present the collection exceeds 35,000 inclusive of several reference books, project reports and back volumes of periodicals.. The Library provides access to around 32 print journals, J-Gate Access journals (15744 numbers), DELNET (3910 e-books & 400 journals). The academic community of RIET can access e-books, theses database, journal database, e-journals and other e-resources from any terminal in the campus. Members can avail themselves of the services of DELNET, NDL Digital Library Network and IEI Library Network. RIET is also a member of APJKTU- Digital Library Consortium. RIET Library is having memberships in Institution of Engineers India - Springer and E-Shodhsindhu.CCTV cameras are installed in the library for surveillance purposes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://riet.net.in/library-digital-resource-center/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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

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

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

2.07

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

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

4.2.4.1 - Number of teachers and students using library per day over last one year

23

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

4.3 - IT Infrastructure

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

RIET has formulated an IT policy with adequate budgetary provisions for updating IT infrastructure including internet connectivity for strategic improvement in academic and administrative practices. IT & System Department is the nodal point at RIET, which caters IT requirements. A dedicated technical team monitors and maintains hardware, software, network, intranet/Wi-Fi-related services. Internet access is provided to faculty members, staff and students with Wi-Fi connectivity in all departments. The entire campus has a Fiber Optic LAN with bandwidth of 80Mbps (BSNL) and 100Mbps (Jio) provide network to over 1500 PCs/Workstations/Laptops located in academic and administrative blocks, Ladies/Gents Hostels, Exam Cell and Computer Labs. As of today, 100% campus is Wi-Fi enabled, providing secured access through hardware firewall Cyberoam CR 200iNG, Netgear Jio Wi-fi. IT & System Department provides computing services, online teaching-learning services, Internet Access, Email, e-Governance services, MIS, IT security, campus Wi-Fi, problem diagnostics and troubleshooting, etc. through a network comprising of 4 servers, 7 core switches, 69 distribution switches and 27 access points. All academic and administrative functions are carried out through Linways LMS. Google education suite is used to avail email facility. For power backup, two diesel Gen Sets of rating 250

KVA/140 KVA along with aUPS backup of 348 KVA are available in the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1BTRp5W9sjZxP9_2vFG6LrLsUb_cfyXVy/view?usp=share link

4.3.2 - Number of Computers

1576

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

72.09

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

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

RIET has framed a set of policies and procedures for maintenance and utilization of physical, academic, and support facilities. It follows three-tiered system for maintenance; in-house maintenance support, Annual Maintenance Contract by service providers and outsourcing to expert agencies. The repair and maintenance of institute properties is done by Estate Department headed by Estate Manager who oversees the buildings, classrooms, laboratories, hostels, cafeterias, sports facilities, utilities, lawns, etc. supported by Housekeeping, Electrical and Vehicle Supervisors, Electricians, Technicians and Housekeeping Staff. The team looks after power and water supply also. The green initiatives and maintenance of lawns are dealt by Estate Department. It has caretakers to upkeep, preserve and maintains lawns and gardens. CCTV, Fire fighting equipments and vehicle maintenance are done by Estate Department. The Physical Education Department and Estate Department together maintaining the sports facilities, play grounds etc. The stock registers/log books are maintained at relevant departments. Each department is responsible for procurement, repair, and maintenance of laboratory equipments. Teaching aids viz., Projectors, Laptops, Desktops, and Printers, etc are maintained by each department with support of IT Division. For specific equipment at departments/section, maintenance/repair is undertaken by the HoD/section as per laid down procedures. Maintenance of equipment is done through AMC or similar processes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1t3F74idMs98byrqU_O2BYRKElkbd_kL3/view?usp=share link

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

110

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

47

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

File Description	Documents
Link to Institutional website	https://riet.net.in/pdfs/Capacity%20building%20&%20skill%20enhancement%20initiatives%202021-22.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

300

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

300

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

88

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

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

5.2.2.1 - Number of outgoing student progression to higher education

26

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

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

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

0

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

5.3 - Student Participation and Activities

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

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

5

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

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

Student Council at RIET is known as Students Affairs Council is a

democratically elected body for student centered activities in the campus. One representative from each of the programmes and batches spread across the departments' forms SAC. The SAC serves as a via-media between student communities and institute. The SAC activities are governed by a faculty committee headed by the Principal.

Other student representations/committees are;

- NATIONAL SERVICE SCHEME: Organizes social welfare activities in association with local self government.
- ANTI-RAGGING COMMITTEE: To create awareness and curbing the menace of ragging.
- STUDENT GRIEVANCE REDRESSAL COMMITTEE: Deals with grievances related to academics, examinations etc.
- WOMEN'S REDRESSAL CELL: Works for hearing grievances of women at institute.
- SPORTS AND CULTURAL COMMITTEE: Organizes Annual Sports Day, Tech Fest ITIHA, Arts Fest Zerron and Management Fest Le-Emperoz.
- IEEE Chapter: Collaborate with technical community to explore latest technological innovations.
- CSI Chapter: Facilitate Reserch, Knowledge Sharing, Learning and Career Enhancement among all categories of IT professionals
- ISTE Chapter: Conducts training programmes to mould top-quality engineers and technicians.
- IGS Chapter: Developing knowledge in soil-mechanics, rock-mechanics etc for civil engineering students.

PMI and NIPM Chapters: Forum for exchange of key learning on Project Management and Human Resource Management domain

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1V0SIHgFbiWi1e3C9pf0F2aiJnGUbTxxk/view?usp=sharing
Upload any additional information	View File

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

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

75

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

RIET established an alumni association in the academic year 2015-16. On 12-03-2019, it was successfully registered in accordance with Travancore Cochin Literary Scientific and Charitable Societies Registration Act as RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY ALUMNI ASSOCIATION" and referred as "RIETAA". The Chairman of the Institute is the Ex-Officio Patron of "RIETAA". RIETAA contributes in many ways for the development of the Institute. In 2021, RIETAA members donated 8000 books to the central library.

The major objectives of association are;

- 1.To promote mutually beneficial interaction between Alumni and the Institute through the formation of regional chapters. A Meeting of RIETAA Dubai Chapter was conducted which was attended by the Chairman.
- 2.To support placement activities, research & development in various fields of engineering, business management and hospitality management .
3. To mentor the students for higher education and promote self-employment to become entrepreneurs.
4. To guide students on various professional avenues through expert advice and talks, seminars, visits etc.

5. To promote the Industry-Institute interaction to bridge the gap between industry requirements and education.

6. To continuously support to students for internships and placements.

7. To Suggest improvements in academic activities including syllabus revision and course design to improve the quality

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1mv1rcuVwP_G-8yG3iIqY5inFuXGXDMHn/view?usp=share_link
Upload any additional information	View File

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

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

RIET, established in 2009 by Indira Charitable Trust, Thiruvananthapuram, offers a wide range of business and societal activities in Education, Hospitality, Tourism, Construction and IT. RIET offers eight BTech programs, two MTech programs, MBA program, and a BHMCT program. The pursuit of excellence as articulated in vision and mission statements is reflected in academic and administrative policies and programmes of the Institute.

Vision

Groom the Youth as Innovative, Creative and Empathetic Technologists, Hospitality Professionals, Managers, and Entrepreneurs for Social Transformation.

Mission

M1:To encourage holistic development of students with well-balanced and student-centric

curricular, co-curricular, and extra-curricular activities.

M2:To promote ethical and value-oriented teaching, research and consultancy among facultyand students for social transformation.

M3:To interact with industrial organisations, governmental agencies, engineering, hospitality and business enterprises for collaborative learning.

Governing Body consists of Chairman, Vice Chairman, Directors, Principal, external members from academia and industry. The GB exercises general supervision and control of the affairs of institute. The GB meeting is held annually.

Academic Council constitutes of Principal, Vice Principal and HoDs. Academic Council monitors the teaching learning process in align with academic calendar of theUniversity's includes curricular, co-curricular and extracurricular activities. The Academic Council meets weekly.

File Description	Documents
Paste link for additional information	https://riet.edu.in/the-college/
Upload any additional information	View File

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

RIET has established various committees with the involvement of stakeholders for smooth functioning of academic/ administrative activities.

Governing Bodyconsists of Chairman of Trust as Chairman, Vice Chairman and Directors of Trust, Principal as Ex Officio Secretary,

experts from academia and industry as invitees.

Academic Council constitutes of Principal as Chairman and HoDs as members' monitors teaching learning process in align with academic calendar of the university. The AC meets weekly and evaluate the academic performance of the various departments and suggests measures for improvement.

An advisory body, IQAC functions with an objective to improve the academic and administrative performance by planning, guiding and monitoring quality assurance and enhancement.

Department Council, comprising all faculty members takes a decisive role in matters regarding academic activities. The various programmes conducted by the departments are to nurture the leadership qualities of students.

The Principal constitutes various committees and nominate faculty at the beginning of the academic year. The committees are; Admissions, Time Table, Examination Cell, Student Affairs Council, Alumni Cell, Grievance Redressal, Planning, Monitoring & IQAC, Placements, Grievance Redressal, Anti-ragging and SC/ST, Women's Cell and Library Advisory Committees. These committees give suggestions and recommendations related to academics and related matters.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1khzTW6GWC5j11dg1oXr133DR-7T9chEd/view?usp=sharing
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

RIET's quality policy is well conveyed from its vision and mission statements. Strategic and action plans are designed from its quality policy. The strategic plan covers major areas of administration, academic, research and development.

The strategic plan primarily focusses to equip our graduates to be industry ready and transform them to be socially sensible citizens. These can be achieved by;

> MoUs with industries and universities to develop academic and

technical cooperation.

>Improved Industry Interactions in the form of collaborated design projects and consultancy.

>Multidisciplinary and Community Projects: The rural location of RIET gives ample opportunity to interact with local community and uplift them.

>Alumni/ Industry Funded Laboratories

>NBA and ABET Accreditations: Efforts will be taken for NBA accreditation by all departments followed by ABET accreditation.

>Infrastructure Development: Measures will be taken to introduce more infrastructure to accommodate new courses and lab facilities.

>Hiring of Adjunct Faculty: Hiring of adjunct faculty from industries and academic faculty from reputed institutions through exchange programmes.

>Sustain Green Campus: RIET will emerge as a model green campus by the use of renewable energy, water management system and plastic free zone.

>To become Autonomous: All efforts will be made to make RIET an autonomous institution.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1hCBxFLIfkhN0gY3JpxeuOFFNA9u0sgKU/view?usp=sharing
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies,

administrative setup, appointment and service rules, procedures, etc.

Indira Charitable Trust

The institute is established in 2009 by Rajadhani Group under the agies of under Indira Charitable Trust. The trustees are Dr. Biju Ramesh, Mrs. Rani Biju Ramesh, Ms. Reshma B Ramesh, and Ms. Megha B Ramesh. The trust is entrusted to take policy decisions regarding the functioning of the institute.

Board of Governors

The Board of Governors is the apex body with members of Trust, Principal, representatives from university, AICTE, industry, reputed educational institutions and faculty members. It is responsible for the achievement of strategic decisions. The BoG has responsibility for fiduciary oversight and it meets once in a year and minutes are maintained.

Administration

The institute is administered through the decisions taken by Academic Council consists of Principal and Heads of academic departments. Administrative policies are taken by Principal, Administrative Officer and Estate Manager. The Department Council shall be the decisive body for the assignment of academic work for faculty members. Minutes are prepared and maintained. Other committees like Students Affairs Committee, anti- ragging, and Grievance Redressal Committees are also operational.

Innovation and Entrepreneurship Development Cell (IEDC)

To foster the culture of entrepreneurship in campus, IEDC was established on 16th March 2016.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1zzN0gef7KhBSx5DgrYbSaRP5rUnjhi6T/view?usp=sharing
Link to Organogram of the institution webpage	https://riet.net.in/organization-chart-of-riet/
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Employee welfare is provided by RIET for the advantage of an employee. It is undertaken in order to motivate employees and raise productivity levels.

The following welfare schemes are available for teaching and non teaching staff;

- The wards of employees are given priority in admission with fee waiver.
- Rajadhani Group Cooperative Society catering financial needs with different loans.
- A festival allowance of Rs 2000 is given to all employees

during Onam.

- Faculty members are encouraged to pursue higher qualifications.
- The institute shuttles air-conditioned buses for a pleasant and safe journey with subsidized rate.
- Rajadhani Group has a wide chain of premium luxury business hotels offering international level hospitality services in Trivandrum. Staff can avail a discount of 15% on food and accommodation in these hotels with family.
- On March 24th every year, a family get-together, 'Kudumba Sangamam' is organised.
- The Institute have tie-up with KIMS and KTCT Hospitals to avail discount on medical services. 24x7 Ambulance (tie-up with St John's ambulance) on call is available in the campus.
- Institute provides EPF for non-teaching staff.
- Staff can avail various leaves like; casual leave, vacation leave, medical leave and maternity leave with salary.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1FucjqTbj4U5pUE4DsHcLkAmJw2QwVZ-s?usp=share_link
Upload any additional information	View File

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

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

4

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

6.3.3 - Number of professional development /administrative training programs organized by the

institution for teaching and non-teaching staff during the year

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

9

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

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

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

63

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

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

RIET has a well defined Performance Appraisal System (PAS) for teaching and non-teaching staff conducted at the end of every academic year. The objective is not only to objectively evaluate the performance as per established norms, but also to identify potential aspects for improvement that can eventually lead to further progress and growth of the employee.

Faculty members have to fill the performa for self-appraisal and submit to the Head of the Department. HoDs will submit the report to the Principal and IQAC for verifying the annual performance index (API). Subject wise result is also analysed to know the performance of the faculty member. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.

Non-teaching staffs are also assessed through annual performance appraisal. The various parameters are assessed under different categories includes; Character and Habits, Departmental Abilities, Capacity to do hard work, Discipline, Reliability, Relations/Co-operation with superiors, subordinates, colleagues, students and public, Power of Drafting (where applicable), efficient organization of documents (in case of Ministerial Staff) and technical abilities (in case of workshop staff).

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1QipuJkIqXV9IdIeI978CchsYfPwtwvoU/view?usp=share_link
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal Audit

The Board of Trustees have appointed an internal audit team, M/s Reshma B Ramesh & Associates, Thiruvananthapuram to conduct a comprehensive internal audit and to provide independent appraisal services. To accomplish their objectives, the internal auditors are authorized to have unrestricted access to the records, properties and personnel.

The attainment of this objective involves activities such as:

1. Reviewing and appraising the soundness, adequacy and application of accounting, administrative and other operating controls along with promoting effective control at reasonable cost.
2. Ascertaining the extent of compliance with established policies, plans and procedures.
3. Ascertaining the extent to which assets are accounted for and safeguarded from losses of all kinds.
4. Conducting special examinations and reviews at the request of the Board of Governors.
5. Evaluating the efficiency of resources employed and recommending improvements in operations including reviews of administrative & support services to reduce the operating costs.

External Audit

External Audit is conducted by one of the leading chartered accountant firm M/s. JDNT & Associates, Kochi every year. The external auditors report financial and audit related issues to the board of trustees to appropriate actions accordingly. The latest external audit was conducted for the Financial Year 2021-2022.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1pozgdQNTPQr0kxurgieFzEedxJCnxmZ/view?usp=share_link
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

RIET has a mechanism to ensure adequate budgetary provisions for administrative and academic activities to monitor effective, efficient and optimum utilisation of resources. It has a well distinct organisation set up with administrative and academic powers defined. In the beginning of the academic year, HoDs prepare the department budgets which is securitised by IQAC and approved by the Principal and submit to the Chairman.

As the institute is running on self-finance mode, the main source is the fees collected from the students. Other sources of revenue are renting of tangible goods (letting out of computers for online exams conducted by various agencies on Saturdays and holidays).

At RIET, renting tangible resources was initiated from 2014 with Tata Consultancy Services Ltd and Prometric Testing Services as leading providers of technology-enabled testing and assessment

solutions. At the initial stage, around 200 terminals were given for various digital assessment solutions and now houses more than 660 terminals.

The institute generates funds through various sources including contributions from Philanthropists, bank interests, canteen, stationary store etc. The Grants from AICTE MODROB project which is utilised for the development of lab facilities. A grant from PMKVY was utilized for the skill development training for the students.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/19MflVSjs_7NnY1AMG0bB32Kk28Aee08-/view?usp=sharing
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The IQAC at RIET was established on January 16, 2017 as a statutory body that advises the institute to adopt various actions for Quality Assurance and Quality Enhancement. It is always vigilant on assurance of quality of academic, administrative and infrastructural dimensions through institutionalisation of best practices. The IQAC guides the Institute for developing quality culture and benchmark achievements in teaching, learning and research processes. The practices institutionalized by IQAC involve periodic academic and administrative auditing, feedback system, and implementation of outcome based education.

The contributions of IQAC towards quality assurance and sustenance are detailed below;

- Conducted internal academic audit of all departments and administrative audit with reference to Green Audit, Energy Audit and Environmental Audit. These significantly contributed to the constant review of various processes.
- Outcome Based Education has been implemented with effect from the

academic year 2020-21.

- Feedback from stakeholders are collected and analysed by the departments as per instructions from the IQAC.
- The process of signing MoUs with various organizations is streamlined and regulations are framed. These MoUs are verified by IQAC.
- Seminars/workshops/FDPs on various quality enhancement programmes, such as implementation of OBE, NBA and NAAC Assessment Procedures were organised by IQAC.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/15EH4yDyEzMY3r1EVn-YKgsjScU_r52PQ/view?usp=sharing
Upload any additional information	View File

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

Quality of Question Paper

The initiatives of IQAC have witnessed significant improvements in many academic activities. The IQAC of RIET takes qualitative initiatives to conduct internal examinations in a systematic manner. As per the recommendation and initiation of IQAC, Outcome Based Education has been implemented in align with Programme Outcomes, Programme Specific Outcomes and Course Outcomes. Also ensures that it is prepared based on Blooms Taxonomy. The question paper is prepared by the concerned faculty member who is handling the course as per the modules specified by APJKTU with the course outcomes. The question paper is then scrutinised by the DQAC and the HoD.

Feedback Mechanism

RIET follows three types of feedback systems to evaluate the success of teaching-learning processes. Course/faculty feedback by the students is to review the quality of teaching. Students evaluate faculty members on a 4 point scale through the campus LMS linways. This is considered for increment, promotion etc. Feedback is collected from various stakeholders viz., Students,peers, Alumni, Parents and Employers on variousaspects. Based on the feedback continuous improvement in teaching- learning processes and infrastructure facilities are being made.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/lw6mJov9bl2A0qxpuzXeMkbKHFD6KRYjW/view?usp=sharing
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://drive.google.com/file/d/18AZaEcmqKE2b1SNFCMrHhokKaFsLrsmg/view?usp=sharing
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

RIET ensure equal concern for girls and boys in curricular, co-curricular and extracurricular activities. The admission statistics shows that it maintains gender equality in admissions and 40 to 50% of the total students are girls in engineering and MBA programmes.

RIET campus is secured with professional security at various locations. CCTV cameras are installed. A Women Grievance Redressal Cell, headed by a lady faculty member with departments' representatives exists. An exclusive Multi gym facility is provided for girls. Separate toilets for women in all departments. It provides accommodation for boys and girls in campus and 136 girls are accommodated in Girls Hostel.

RIET regularly conduct gender-friendly activities through NSS. A counseling centre is available for psycho social support of students. RIET organises an event DHEERA in connection with International Women's Day every year. Motivational talks by women celebrities and demonstration of self-defense campaigns conducted regularly. Anti ragging awareness programmes are organized at regular intervals..

Any Other Relevant Information

More than 55.6% of teaching and non-teaching staff of the institute are women. One lady member is nominated to the Governing Body of the institute.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1lHb4D4JhHIYpHBCqvgqces70Fa9eeqVeJ/view?usp=share_link
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://riet.net.in/wp-content/uploads/2020/03/FACILITIES-PRVIDED-FOR-WOMEN.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy

C. Any 2 of the above

conservation measures Solar energy
Biogas plant Wheeling to the Grid Sensor-
based energy conservation Use of LED bulbs/
power efficient equipment

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

For proper waste management various strategies are adopted by RIET. All degradable and non-degradable wastes are classified into the categories specified.

Solid Waste: Solid wastes consist of food wastes and used paper & plastics wastes. These are collected in colour-coded waste bins located at different locations in the campus. Red coloured bins for plastic, green coloured bins for food and yellow coloured bins for paper and degradable wastes. Food wastes are collected daily by housekeeping staff and disposed into the biogas plant located at the rear side of the Canteen. The paper and plastic wastes are reduced at source level by following 3R (Reduce, Reuse & Recycle) concept. Plastic wastes are shredded by using Plastic Shredder developed by students of Mechanical Engineering department. These pieces are packed and transported to the collection points of Thiruvananthapuram Corporation.

Liquid waste: The liquid waste consists of waste water and used oils. The waste water from the campus is collected, filtered and using for gardening purposes. The used oil from the generators is collected and outsourced for disposal.

E-wastes: The replaced parts of computers, faulty electrical and electronic equipment etc. are E-wastes in the campus. These E-wastes are collected separately and outsourced for disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
--	-------------------------------------

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the	A. Any 4 or all of the above

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

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

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

C. Any 2 of the above

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

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

RIET gives equal importance for socioeconomic inclusiveness of

students along with teaching and learning process. The following practices/ activities are followed in the campus to ensure the same.

- Students from low-income groups are provided with academic scholarships and mentoring.
- The fourteen days orientation programme provides awareness and understanding of each others in the classes.
- Uniform dress code ensures socioeconomic inclusiveness which inculcates a sense of togetherness and a feeling of institutional pride.
- Under Rajadhani Social Extension program, a programme titled SAMARTHAN offers education for hundred students of Mizoram state and Sri Lanka under Free Education Scheme. Through this policy, all students are getting an opportunity to learn language, culture, living styles, social customs, and food habits of Mizoram and Sri Lanka.
- RIET provides physical facilities like lifts, ramps, wheelchairs, etc for physically disabled students.
- RIET organizes annual family get-together of staff on 24th March every year.
- RIET organizes outreach programmes viz., blood donation camp, old age home visits, distribution of food packets, post-disaster reconstruction and rehabilitation activities, repair and maintenance of nearby schools taken up by the NSS Units.
- Student Affairs Council comprises of allclassrepresentatives (including women and SC/ST)selected by the students.

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

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

The inventiveness of RIET brings out various activities and offers a constructive environment to sensitize students and employees regarding constitutional obligations. The following events/programmes are conducted.

- Independence and Republic days are celebrated on August 15 and January 26 with flag hoisting ceremony to commemorate freedom struggle followed by proud patriotic cultural programmes.

Teachers Day and Engineers Day are celebrated with expert talks and quizzes.

- As prescribed by the university, courses like Constitution of India (MCN202) and Professional Ethics (HUT 200) are offered for B Tech Students. A course titled Ethics, Governance and Social Responsibility(20MBA113) is offered for MBA students.
- B.Tech induction programme stresses on Universal Human Values and sensitise the students with the importance of responsible citizens.
- Awareness campaigns to save water and conserves energy are organized every year.
- As part of Swachh Bharat Mission, student volunteers have collected plastic bottles and cans for recycling. Under Green Carpet of DTPC the volunteers cleaned Papanasam Beach and received appreciation certificates.
- As part of charity initiatives, students visited Karunalayam, an old age home and distributed dress materials to the inmates.
- Under the Unnath Bharath Abhiyan Programme, technical assistance to Kudumbasree women groups was provided to improve their livelihood.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://docs.google.com/document/d/1PQfTzDy6cwuHR4FBkr7rQ_oh171oZ_zt/edit?usp=share_link&ouid=110495933566067781980&rtpof=true&sd=true
Any other relevant information	https://drive.google.com/file/d/1pPVoyNNCpJs_11A101fPmiCAMaX1A-kG/view?usp=share_link

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

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

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

RIET celebrates national and international commemorative days in befitting manner. January 26, Republic Day is celebrated by flag hoisting ceremony followed by patriotic events and sweet distribution. Independence Day is celebrated on August 15 with flag hoisting by Principal. September 5 is celebrated as Teacher's Day with utmost fervor by appreciating best faculty members from departments based on their contribution towards teaching and students support. Also conducts GURU VANDANAM in which senior faculty members are honoured. Gandhi Jayanthi celebrates on October 2 by NSS units in which staff members and students clean the campus and nearby places. Martyr's Day is observed on January 30 to salute the martyrdom of soldiers and also to mark respect to Father of the Nation by observing two-minute silence at 11 AM.

RIET observes International Yoga Day on June 21 by conducting Yoga Sessions. World Environment Day observes on June 5 by organizing awareness programs including poster presentation and invited talks.

Innovation Day is observed on October 5 every year in memoriam of death anniversary of Steve Jobs, Co-founder, Apple Inc. with an Intra Collegiate Idea Contest. RIET celebrates Onam with cultural programs, games and an Onam fest. RIET also celebrate Christmas with cultural events.

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

7.2 - Best Practices

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

Mentoring System

Objective : To achieve academic success and persistence for healthy relationship between faculty and students.

Context : The Institute is working towards enhancing the institutional culture to better serve the needs of an ever-changing and dynamic learning community.

The Practice : Each faculty assigned with 20 students. The faculty monitors their performance and a record is maintained and shared with parents.

Evidence of Success : The mentorship program improves the academic performance of students, especially slow performers who need extra care.

Problems Encountered and Resources Required: Assessing mentee's background (knowledge and skills) and identifying mentee's motivation.

Student-Centric & Faculty Moderated Peer Learning

Objective

To encourage peer learning among all sections of students.

The context: Students normally found it difficult in mathematics oriented courses. In such cases, peer-learning help slow-learners.

The Practice During tutorial hour peer learning is practiced. The instructor attached 5 slow learners to a brilliant student and lists

out expected learning outcomes.

Evidence of Success Through a course on Signals and Systems, an experiential learning approach was implemented using MATLAB.

Problems Encountered and Resources Required Quantitative assessment of knowledge transferred is difficult.

Notes RIET developed a model to deliver the contents to slow-learners .

File Description	Documents
Best practices in the Institutional website	https://riet.net.in/wp-content/uploads/2020/03/Best-Practice-Peer-learning.pdf
Any other relevant information	https://riet.net.in/best-practices/

7.3 - Institutional Distinctiveness

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

RIET has setup an Innovation & Entrepreneurship Development Cell with an objective to instill the culture of innovation-driven entrepreneurship among major stakeholders. The vision of IEDC is, "to be a well recognized centre of excellence for entrepreneurship development based on quality learning and skill development". IEDC aims to inculcate the spirit of start-up creation through guidance and mentorship for commercial viability. IEDC provides infrastructural facilities including laboratories, computer peripherals etc with support for government funding and patent registrations. The notable achievements are; Best Mentor Award, Best Startup Initiator Award and Best Project Award in Sambharambhaka Mithra Programme organised by Government of Kerala, one student project was selected at state-level Young Innovation Programme (YIP) 2019-21, three student start-ups has been selected in Flowers Channel in the "Flowers Students Start-ups" program and ten students projects were incubated at Maker Village, Kochi. Other noteworthy accomplishments include registration of five startups and filing of 4 patents by IEDC, approval from Ministry of HRD for setting up Institute Innovation Cell (IIC) and sanction of AICTE Idea Lab with a fund of Rs 1.1 Crore to inculcate innovation and product development culture among students

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

7.3.2 - Plan of action for the next academic year

RAJADHANI INSTITUT OF ENGINEERING AND TECHNOLOGY

FUTURE PLAN OF ACTION 2022-23

For the year 2022 -2023. RIET has chalked out the action plan to work on:

- Endeavour to establish linkage with national and international organizations/agencies for research collaboration.
- RIET plans to organize regular capacity building workshop/training programme for the teaching and nonteaching staff.
- Special effort shall be given to strengthen the Alumni Association and increase Alumni engagement in the college activities.
- RIET plan to evolve strategic plan to generate more alternative energy through solar power and imporve energy efficiency.
- The Institute plans to enroll maximum teachers in the online course offered through NPTEL.
- Submission of SAR of NBA by Department of Business Administration, Department of Aeronautical Engineering and Department of Computer Science & Engineering.
- Establishment of a full fledged research centre to carry out research in the area of engineering, science and management.
- To strengthen the research base of the faculty and the students, the college plans to hold national and international seminars and conferences.