



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

# *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
is pleased to declare the  
Rajiv Gandhi University of Knowledge Technologies  
Vill. Basar (M), Dist. Nirmal, Telangana as  
Accredited  
with CGPA of 1.90 on four point scale  
at C grade  
valid up to November 02, 2026*

*Date : November 03, 2021*



*S. C. Sharma*  
Director



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

## **RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES**

**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES BASAR,  
BASAR (VILLAGE AND MANDAL), NIRMAL DISTRICT,  
504107**

**[www.rgukt.ac.in](http://www.rgukt.ac.in)**

**SSR SUBMITTED DATE: 29-01-2020**

Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**January 2020**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES (RGUKT)** has been established by the Government of erstwhile combined Andhra Pradesh in 2008, and the Basar Campus has been taken over by the Government of Telangana, after due amendment of the Rajiv Gandhi University for Knowledge Technologies Act, 2008.

The purpose of the University has been to provide high quality technical education to the deprived sections of the society, especially in the rural areas of the State.

RGUKT accordingly admits meritorious students, predominantly from the weaker sections of the society and offers them free education at the professional level. Besides education, the students are provided with free hostel facility, uniforms, food and laptops.

The University has excellent infrastructure to provide high quality relevant education to the students admitted. The University's state-of-the-art Wi-Fi campus have transformed the small village of Basar into a University township.

The unique feature of RGUKT is the admission of students into the 2 year pre-university preparatory programs right after the 10th standard. This gives the opportunity to deserving meritorious students to obtain admission early in their lives in professional institutions of high standard. The University also derives the benefit of orienting the students over a span of 6 years, and transform them into ready professionals for the industry.

RGUKT offers 7 under graduate programs leading to B.Tech and 3 Post graduate programs leading to M.Tech. The University offers cutting edge curriculum in these programs and has rich academic resources available.

Besides engaging in research, the University engages closely with the local communities and provides them with useful solutions to counter various issues.

The University has extensively networked with the industry and all students are provided with internship opportunities and all eligible students are placed in reputed companies.

### **Vision**

The vision of the University is to provide quality engineering education to meritorious rural youth deprived of this opportunity, through an innovative blend of modern computer assisted, learner-centric instructional methodology along with rigorous traditional teaching in a world class ambiance. This vision is driven by the main causes that most of the talented rural youth wishing to pursue higher education.

- Have no access to renowned and world class institutions and facilities.
- Come from economically impoverished background that severely inhibits their choices and passions.

It is in the light of this background that the University envisages to provide the requisite high quality education

to these students and thus enable them.

- To experience educational standards in Engineering education that are of world-class
- To enroll in a top technical University that provides free education to the deserving 1% of the creamy layer of students.

### **Mission**

- To create Knowledge Hub for producing qualified manpower possessing Post Graduate and Doctoral qualification in different branches of Engineering.
- To develop the campus as a highly research-centric institute.
- To promote and propagate innovative teaching and research program and create specialized centers of Learning/Training.
- To help the students launch on a path of self discovery.

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

- RGUKT is a residential university having all students residing in the campus like in the IITs or other reputed technical institutions.
- Only meritorious students are selected to the University, and therefore the input quality is of a high standard.
- RGUKT admits students just after the 10th standard and provides them pre-university education for 2 years. This effort of catching the young students gives an opportunity to the University to orient students for full 6 years in the University's campus towards excellence.
- The University has modern infrastructure and facilities comparable to the best available in the India.
- Young and highly charged faculty members, also residing in the campus. Students therefore have ready access to the faculty members.
- The University enjoys the patronage of several corporate houses who absorb the students as interns and employees. The placement record of students is at par with the best of the institutions elsewhere in the country.

### **Institutional Weakness**

- RGUKT is located in a remote corner of Telangana in an under developed region. Access is therefore difficult.
- The University finds it difficult to attract best faculty members due to its location.
- While the University admits students who are very competitive from rural areas, most students lack the behaviour and communication skills unlike in IITs or NITs.
- The University is operates under the constraints of any other Government University, be it in the form of Governance or academic aspects.
- The University is fully dependent on the Government for funds, and has little access to any other source of funds as on date.
- RGUKT is a young University. The University has still long way to go to become a mature University

with institutionalized systems and processes.

### **Institutional Opportunity**

- RGUKT is a young University and has the support of the State for all round advancement. The University can therefore enter into collaborations with institutions like the IITs, NITs and IIITs; and also reputed overseas institutions for facilitating faculty and student exchange and joint research.
- RGUKT by its character is a rural university. The University has tremendous scope to engage with the local communities and the Government to transform the rural areas into developed regions and contributors to the economy.
- RGUKT can plan additional offerings at the Undergraduate and post graduate levels to benefit larger number of students.
- Given the requirements of a developing economy like ours, and with large rural population, there is tremendous scope for innovation, especially using the latest IT tools. RGUKT is poised to play the role of a provider and a catalyst for innovation.

### **Institutional Challenge**

- Location is a big challenge. The University administration could work with the Government to improve the access to Basar and the University. The University could also provide independent transportation facilities to its students, faculty and the guests from outside Basar.
- RGUKT needs branding. Its initiatives and the method of transformation of the rural youth is not known in the State or at the National level. The University needs to network and participate in several events across the country.
- Dependence on the State Government for funds sometimes leads to cash crunch and there is need to develop alternative sources of revenue.
- Training of the rural youth in English communication skills and behavioural aspects to improve body language is a challenge. Despite the best efforts, not all students progress well with respect to these aspects.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

RGUKT has been established by the Government as a modern university with excellent facilities and resources and with the ability to provide up-to-date knowledge and skills to the students and prepare them for employment. Accordingly the programs of the University have been structured keeping in mind the current requirements of the industry. The curricula is frequently updated and revised on the basis of the feedback from the industry, faculty and the students; and in some cases the old courses are dropped / new courses are introduced. In addition to specific training in soft skills and employability skills, the core and the non-core courses impart hands on abilities to the students. Optional courses are offered that allow the students to pursue their specific interests. Courses in general awareness, ethics and life skills have been made a part of the curriculum carrying credits. The curriculum provides for practical exposure through field projects and internships, which carry earmarked credits. Feedback on the curriculum and constant analysis keep the curriculum most relevant to the students and keep the faculty on the path of constant learning and research.

## **Teaching-learning and Evaluation**

RGUKT has been established to serve the local communities in Telangana, and provide career opportunities to bright students of the region. Students admitted to the University are mostly from within the State, and the University has not sought permission for admitting foreign students. The University receives applications far in excess of the number of seats, and admission is given only to top rankers in the qualifying examination. Preference is given to meritorious students who have studied in Government owned schools. Reservation of seats for certain categories and differently abled students is as per the State norms.

Qualified faculty have been hired by the University in accordance with norms and the desired student: teacher ratio requirement. Several of the faculty members hold post graduate / doctoral qualifications from renowned institutions in India. Faculty members adopt modern teaching methods using ICT and lot of practical aspects and projects have been included in the curriculum of each of the courses.

The programs at RGUKT have clearly stated objectives and outcomes. The outcomes of the various courses in each program are appropriately mapped to the program outcomes and the pedagogy and assessments follow the outcomes. The student passes the exam in a given course only on the evidence of his attaining the course outcome through assessment.

The examination system at RGUKT is robust and includes formative and end term assessments. Students are provided the opportunity of revaluation of their answer scripts, wherever there is a need.

## **Research, Innovations and Extension**

RGUKT has a stated policy for research. Faculty and students are encouraged to explore and publish in national and international journals and also work on new ideas. The University has build an ecosystem for innovation and several students have been developing and experimenting with ideas and have created useful models and processes, which are displayed by the University in University and State events. Also the University has inked MOUs with several State and Central organizations for sharing of knowledge and resources.

RGUKT provides seed money to researchers, and also encourages them to take up projects sponsored by Government and Non-Government organizations. The faculty and students also work on research areas that corporate sector needs.

Four incubation centers have been established in the areas of Mechanical Engineering, ECE and Computer Science, and so far two start ups have been incubated.

Faculty members have been active in publications, and have been regularly publishing in reputed journals that find place in the list of UGC approved journals.

Being a rural university the access to industry has been a challenge for RGUKT. Therefore Consulting assignments from the industry have been virtually absent, but the effort is on to network with the industry for consulting services. However, some of the faculty members have provided corporate training programs.

Students at RGUKT are engaged in several extension activities. The NSS wing of the University has been very active and helps the surrounding villages in several ways. Students of RGUKT have also come up with tools

like the seed sowing machine and drones that help the farmers. An ecommerce website has been made by the students for marketing the toys of Nirmal, which is the nearby major town popular for its hand crafted toys.

All students of RGUKT are required to undergo internship, which carries credits. RGUKT is linked with several large companies and SMEs for recruitment of students for internship and placement.

RGUKT has inked MOUs with several State and Central organizations for sharing of knowledge and resources.

### **Infrastructure and Learning Resources**

RGUKT has state of the art campus at Basar, which is a remote and rural area in the state of Telangana. This infrastructure has virtually turned the remote village into a University township. The campus is a residential campus with over 7500 students and staff and family residing on the campus.

RGUKT has land area of 263 acres with over 6 lakh square feet of built up area for the academics, administration, facilities, hostels and residences.

The campus has 63 classrooms 59 labs and supporting infrastructure. All classrooms are ICT enabled. There is a campus wide Wi-Fi with bandwidth of 200 mbps. All students are provided with Laptops, and have round the clock access to e-resources of the library. Management of IT facilities is handled by the IT administration department.

The teachers are encouraged to use the ICT facilities and create e-content. A supporting media center allows the recording of lectures of the faculty members.

RGUKT's library is well equipped and is supported by a library management software for its operations.

Large portion of the budget is allocated for proper maintenance of the campus and IT facilities.

### **Student Support and Progression**

RGUKT is a the initiative of the Telangana State Government to empower the meritorious youth of the rural areas of Telangana. Students are provided with free education, which is funded by the scholarships provided by the state and also by the University. However, in order to augment the resources of the University, 15% of the total seats are for students who pay and study at the University.

The University provides holistic education and trains the youth for gainful employment besides training them in entrepreneurship. Training is also provided for facing competitive examinations. The University has a good record of student placement. Several students have qualified in GATE and also in the Civil Services and State Level Group-1 entry examinations.

RGUKT has an effective mechanism to address student grievances. Students are sensitized to the legal provisions of harassment including sexual harassment, and such cases, if any are dealt with in a strict manner. Relevant committees oversee the disciplinary aspects of students, staff and faculty members.

During the past 3 years the Alumni have been active in supporting the University in an variety of ways



including student training, placement and in organizing funds for various activities.

### **Governance, Leadership and Management**

RGUKT has been established by the Government of Telangana to address the development of meritorious students in the rural areas of the State. The apex administrative bodies - the Governing Council and the Executive Committee are formed and function in accordance with provisions contained in the Rajiv Gandhi University for Knowledge Technologies Act 2008.

Vice Chancellor of the University is responsible for the day to day administration. He is assisted by the Deans for Academics and Planning and the Finance and Administrative Officers. The Dean of Academics supervises the academic functions and all Heads of the Departments report to him. The Dean of Planning is responsible for all the non-core academic functions including placements, research, industry interaction, etc.

The administration of the University is fairly decentralized with appropriate delegations of authority to the Deans and the senior officers. Several committees have been formed for the academic and administrative functions to facilitate participation and collective decision making. IQAC stands apart in terms of its overall impact on the academic decisions at the University. IQAC is responsible and functions as a body that reviews the academic performance of the University from time to time and suggests improvements.

RGUKT has a performance appraisal system in place for the faculty and staff. There are clear parameters on which the assessment is done, which includes the stakeholder feedback. Suitable increments and promotions are based on the appraisal outcomes.

RGUKT is fully sponsored and supported by the Government of Telangana, which addresses all the fund requirements of the University. Besides the funding from the Government the University is now attempting to raise resources for research from national and international organizations. Consulting activities are also being taken up to augment the funding and reduce dependence on the Government funds. The accounts of the University are audited as per the statute and the financial reports are furnished to the Government of Telangana.

### **Institutional Values and Best Practices**

RGUKT is a co-educational institution. Over 50% of the students are female students and over 30% of the staff are women. The University therefore handles the gender sensitivity with lot of care. The University has provided several facilities to address the specific needs of the female students, faculty and staff. Several initiatives are also taken up to bring in the awareness on the ethical and legal front.

The University has initiated several environment friendly practices such as promotion of greenery, use of alternative energy including installation of the low cost LED lamps, waste management practices, etc. Students and staff are sensitized to these practices at frequent intervals.

Differently abled persons on the campus are given due support and care in their day to day activities in the University.

Students at RGUKT are mainly from the rural areas, and participate in several local initiatives individually and also as part the initiatives of the University including NSS.



Students at RGUKT are constantly oriented and trained in core values and professional ethics. Formal courses are offered in these areas in addition to practice on the campus. The course on Indian Constitution, which enlightens them on the history and provisions of the Constitution, is mandatory for all students.

The value system is further emphasized by the code of personal and professional ethics for the students and staff.

Several National and Regional festivals are celebrated on the campus and events to mark the birth and death anniversaries of leaders and luminaries are held.

RGUKT practices transparency in its academic and administrative decisions by involving faculty and staff. The collective decision making process helps in keeping the processes transparent.

Several best practices are followed at RGUKT, which involve the faculty and students and also showcase the identity and distinctiveness of RGUKT. Students at RGUKT are a bunch of highly charged and innovative rural youth. They engage with the local communities and benefit the farmers. This apart the institution provides specific interventions to upgrade the quality of the rural youth to fit them into national and international context.

## 2. PROFILE

### 2.1 BASIC INFORMATION

| Name and Address of the University |   |
|------------------------------------|---|
| Name                               | RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES   |
| Address                            | Rajiv Gandhi University of Knowledge Technologies Basar, Basar (Village and Mandal), Nirmal District, |
| City                               | BASAR   |
| State                              | Telangana   |
| Pin                                | 504107  |
| Website                            | <a href="http://www.rgukt.ac.in">www.rgukt.ac.in</a>  |

| Contacts for Communication  |            |                         |            |              |                        |
|-----------------------------|------------|-------------------------|------------|--------------|------------------------|
| Designation                 | Name       | Telephone with STD Code | Mobile     | Fax          | Email                  |
| Vice Chancellor (in-charge) | A Ashok    | 08752-243344            | 9700315529 | 08752-243355 | adean.engg@rgukt.ac.in |
| Dean                        | G.DEVARAJU | -                       | 9440880309 | -            | adeansci@rgukt.ac.in   |

| Nature of University |                  |
|----------------------|------------------|
| Nature of University | State University |

| Type of University |         |
|--------------------|---------|
| Type of University | Unitary |

| Establishment Details                        |            |
|--|------------|
| Establishment Date of the University         | 04-08-2008 |
| Status Prior to Establishment, If applicable |            |

| <b>Recognition Details</b>   |             |                               |
|--|-------------|-------------------------------|
| <b>Date of Recognition as a University by UGC or Any Other National Agency :</b> |             |                               |
| <b>Under Section</b>   | <b>Date</b> | <b>View Document</b>          |
| 2f of UGC  | 20-07-2011  | <a href="#">View Document</a> |
| 12B of UGC   | 12-02-2019  | <a href="#">View Document</a> |

| <b>University with Potential for Excellence</b>  |    |
|--|----|
| Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC? | No |

NAAC

| <b>Location, Area and Activity of Campus</b> |   |                  |                             |                                 |   |                              |  |
|--|---|------------------|-----------------------------|---------------------------------|---|------------------------------|--|
| <b>Campus Type</b>                           | <b>Address</b>  | <b>Location*</b> | <b>Campus Area in Acres</b> | <b>Built up Area in sq.mts.</b> | <b>Programmes Offered</b>   | <b>Date of Establishment</b> | <b>Date of Recognition by UGC/MHRD</b> |
| Main campus                                  | Rajiv Gandhi University of Knowledge Technologies Basar, Basar (Village and Mandal), Nirmal District, | Rural            | 272                         | 505857.5                        | BTech Electrical And Electronics Engineering<br>BTech Chemical Engineering<br>BTech Metallurgical And Materials Engineering<br>BTech Mechanical Engineering<br>BTech Civil Engineering<br>BTech Computer Science And Engineering<br>BTech Electronics And Communication Engineering |                              |  |

## 2.2 ACADEMIC INFORMATION

### Affiliated Institutions to the University

| Type of Colleges | Permanent | Temporary | Total |
|------------------|-----------|-----------|-------|
|------------------|-----------|-----------|-------|

### Furnish the Details of Colleges of University

| Type Of Colleges                                  | Numbers |
|---|---------|
| Constituent Colleges                              | 0       |
| Affiliated Colleges                               | 0       |
| Colleges Under 2(f)                               | 0       |
| Colleges Under 2(f) and 12B                       | 0       |
| NAAC Accredited Colleges                          | 0       |
| Colleges with Potential for Excellence(UGC)       | 0       |
| Autonomous Colleges                               | 0       |
| Colleges with Postgraduate Departments            | 0       |
| Colleges with Research Departments                | 0       |
| University Recognized Research Institutes/Centers | 0       |

|  |      |
|--|------|
| Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA) | : No |
|--|------|

#### Details Of Teaching & Non-Teaching Staff Of University

| Teaching Faculty |           |        |        |       |                     |        |        |       |                     |        |        |       |
|------------------|-----------|--------|--------|-------|---------------------|--------|--------|-------|---------------------|--------|--------|-------|
|                  | Professor |        |        |       | Associate Professor |        |        |       | Assistant Professor |        |        |       |
|                  | Male      | Female | Others | Total | Male                | Female | Others | Total | Male                | Female | Others | Total |
| Sanctioned       | 25        |        |        |       | 40                  |        |        |       | 81                  |        |        |       |
| Recruited        | 0         | 0      | 0      | 0     | 0                   | 0      | 0      | 0     | 15                  | 4      | 0      | 19    |
| Yet to Recruit   | 25        |        |        |       | 40                  |        |        |       | 62                  |        |        |       |
| On Contract      | 7         | 0      | 0      | 7     | 2                   | 0      | 0      | 2     | 101                 | 39     | 0      | 140   |

| Non-Teaching Staff |      |        |        |       |
|--------------------|------|--------|--------|-------|
|                    | Male | Female | Others | Total |
| Sanctioned         |      |        |        | 484   |
| Recruited          | 286  | 198    | 0      | 484   |
| Yet to Recruit     |      |        |        | 0     |
| On Contract        | 286  | 198    | 0      | 484   |

| <b>Technical Staff</b> |             |               |               |              |
|------------------------|-------------|---------------|---------------|--------------|
|                        | <b>Male</b> | <b>Female</b> | <b>Others</b> | <b>Total</b> |
| Sanctioned             |             |               |               | 150          |
| Recruited              | 107         | 43            | 0             | 150          |
| Yet to Recruit         |             |               |               | 0            |
| On Contract            | 107         | 43            | 0             | 150          |

**Qualification Details of the Teaching Staff**

| <b>Permanent Teachers</b>    |                  |        |        |                            |        |        |                            |        |        |              |
|------------------------------|------------------|--------|--------|----------------------------|--------|--------|----------------------------|--------|--------|--------------|
| <b>Highest Qualification</b> | <b>Professor</b> |        |        | <b>Associate Professor</b> |        |        | <b>Assistant Professor</b> |        |        | <b>Total</b> |
|                              | Male             | Female | Others | Male                       | Female | Others | Male                       | Female | Others |              |
| D.sc/D.Litt.                 | 0                | 0      | 0      | 0                          | 0      | 0      | 0                          | 0      | 0      | 0            |
| Ph.D.                        | 6                | 0      | 0      | 2                          | 0      | 0      | 17                         | 6      | 0      | 31           |
| M.Phil.                      | 0                | 0      | 0      | 0                          | 0      | 0      | 1                          | 1      | 0      | 2            |
| PG                           | 0                | 0      | 0      | 0                          | 0      | 0      | 98                         | 34     | 0      | 132          |

| <b>Temporary Teachers</b>    |                  |        |        |                            |        |        |                            |        |        |              |
|------------------------------|------------------|--------|--------|----------------------------|--------|--------|----------------------------|--------|--------|--------------|
| <b>Highest Qualification</b> | <b>Professor</b> |        |        | <b>Associate Professor</b> |        |        | <b>Assistant Professor</b> |        |        | <b>Total</b> |
|                              | Male             | Female | Others | Male                       | Female | Others | Male                       | Female | Others |              |
| D.sc/D.Litt.                 | 0                | 0      | 0      | 0                          | 0      | 0      | 0                          | 0      | 0      | 0            |
| Ph.D.                        | 0                | 0      | 0      | 0                          | 0      | 0      | 0                          | 0      | 0      | 0            |
| M.Phil.                      | 0                | 0      | 0      | 0                          | 0      | 0      | 0                          | 0      | 0      | 0            |
| PG                           | 0                | 0      | 0      | 0                          | 0      | 0      | 0                          | 0      | 0      | 0            |

| Part Time Teachers    |           |        |        |                     |        |        |                     |        |        |       |
|-----------------------|-----------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|-------|
| Highest Qualification | Professor |        |        | Associate Professor |        |        | Assistant Professor |        |        | Total |
|                       | Male      | Female | Others | Male                | Female | Others | Male                | Female | Others |       |
| D.sc/D.Litt.          | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 0      | 0      | 0     |
| Ph.D.                 | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 5      | 1      | 6     |
| M.Phil.               | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 1      | 0      | 1     |
| PG                    | 0         | 0      | 0      | 0                   | 0      | 0      | 0                   | 55     | 13     | 68    |

**Distinguished Academicians Appointed As**

|                    | Male | Female | Others | Total |
|--------------------|------|--------|--------|-------|
| Emeritus Professor | 0    | 0      | 0      | 0     |
| Adjunct Professor  | 0    | 0      | 0      | 0     |
| Visiting Professor | 0    | 0      | 0      | 0     |

**Chairs Instituted by the University**

| Sl.No | Name of the Department | Name of the Chair | Name of the Sponsor Organisation/Agency |
|-------|------------------------|-------------------|---|
| 1     | NONE                   | NONE              | NONE                                    |

**Provide the Following Details of Students Enrolled in the University During the Current Academic Year**

| Programme |        | From the State Where University is Located | From Other States of India | NRI Students | Foreign Students | Total |
|-----------|--------|--|----------------------------|--------------|------------------|-------|
| UG        | Male   | 2652                                       | 60                         | 0            | 0                | 2712  |
|           | Female | 3711                                       | 56                         | 0            | 0                | 3767  |
|           | Others | 0  | 0                          | 0            | 0                | 0     |
| PG        | Male   | 10   | 0                          | 0            | 0                | 10    |
|           | Female | 3  | 0                          | 0            | 0                | 3     |
|           | Others | 0  | 0                          | 0            | 0                | 0     |



|   |    |
|---|----|
| <b>Does the University offer any Integrated Programmes?</b> | No |
|---|----|

**Details of UGC Human Resource Development Centre, If applicable**

|  |            |
|--|------------|
| Year of Establishment                                  | 01-01-1970 |
| Number of UGC Orientation Programmes                   | 0          |
| Number of UGC Refresher Course                         | 0          |
| Number of University's own Programmes                  | 0          |
| Total Number of Programmes Conducted (last five years) | 0          |

**2.3 EVALUATIVE REPORT OF THE DEPARTMENTS**

| <b>Department Name</b>                    | <b>Upload Report</b>          |
|---|-------------------------------|
| Chemical Engineering                      | <a href="#">View Document</a> |
| Civil Engineering                         | <a href="#">View Document</a> |
| Computer Science And Engineering          | <a href="#">View Document</a> |
| Electrical And Electronics Engineering    | <a href="#">View Document</a> |
| Electronics And Communication Engineering | <a href="#">View Document</a> |
| Mechanical Engineering                    | <a href="#">View Document</a> |
| Metallurgical And Materials Engineering   | <a href="#">View Document</a> |

### 3. Extended Profile

#### 3.1 Program

##### Number of programs offered year-wise for last five years

| 2018-19                                 | 2017-18 | 2016-17 | 2015-16                       | 2014-15 |
|---|---------|---------|-------------------------------|---------|
| 10                                      | 10      | 10      | 9                             | 9       |
| File Description                        |         |         | Document                      |         |
| Institutional Data in Prescribed Format |         |         | <a href="#">View Document</a> |         |

##### Number of departments offering academic programmes

Response: 10

| File Description                        | Document                      |
|---|-------------------------------|
| Institutional Data in Prescribed Format | <a href="#">View Document</a> |

#### 3.2 Students

##### Number of students year-wise during the last five years

| 2018-19                                 | 2017-18 | 2016-17 | 2015-16                       | 2014-15 |
|---|---------|---------|-------------------------------|---------|
| 3556                                    | 3502    | 3570    | 3589                          | 4467    |
| File Description                        |         |         | Document                      |         |
| Institutional Data in Prescribed Format |         |         | <a href="#">View Document</a> |         |

##### Number of outgoing / final year students year-wise during the last five years

| 2018-19                                 | 2017-18 | 2016-17 | 2015-16                       | 2014-15 |
|---|---------|---------|-------------------------------|---------|
| 944                                     | 800     | 930     | 841                           | 1830    |
| File Description                        |         |         | Document                      |         |
| Institutional Data in Prescribed Format |         |         | <a href="#">View Document</a> |         |

##### Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

| 2018-19                                 | 2017-18 | 2016-17                       | 2015-16 | 2014-15 |
|---|---------|-------------------------------|---------|---------|
| 3556                                    | 3502    | 3570                          | 3589    | 4467    |
| File Description                        |         | Document                      |         |         |
| Institutional Data in Prescribed Format |         | <a href="#">View Document</a> |         |         |

**Number of revaluation applications year-wise during the last 5 years**

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 3036    | 1640    | 1880    | 1987    | 2678    |

**3.3 Teachers****Number of courses in all programs year-wise during the last five years**

| 2018-19                                 | 2017-18 | 2016-17                       | 2015-16 | 2014-15 |
|---|---------|-------------------------------|---------|---------|
| 514                                     | 518     | 503                           | 372     | 367     |
| File Description                        |         | Document                      |         |         |
| Institutional Data in Prescribed Format |         | <a href="#">View Document</a> |         |         |

**Number of full time teachers year-wise during the last five years**

| 2018-19                                 | 2017-18 | 2016-17                       | 2015-16 | 2014-15 |
|---|---------|-------------------------------|---------|---------|
| 183                                     | 213     | 189                           | 165     | 184     |
| File Description                        |         | Document                      |         |         |
| Institutional Data in Prescribed Format |         | <a href="#">View Document</a> |         |         |

**Number of sanctioned posts year-wise during the last five years**

| 2018-19                                 | 2017-18 | 2016-17                       | 2015-16 | 2014-15 |
|---|---------|-------------------------------|---------|---------|
| 438                                     | 438     | 438                           | 438     | 438     |
| File Description                        |         | Document                      |         |         |
| Institutional Data in Prescribed Format |         | <a href="#">View Document</a> |         |         |

### 3.4 Institution

**Number of eligible applications received for admissions to all the programs year-wise during the last five years**

| 2018-19                                 | 2017-18 | 2016-17                       | 2015-16 | 2014-15 |
|---|---------|-------------------------------|---------|---------|
| 23814                                   | 19071   | 21547                         | 10714   | 11250   |
| File Description                        |         | Document                      |         |         |
| Institutional Data in Prescribed Format |         | <a href="#">View Document</a> |         |         |

**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years**

| 2018-19                                 | 2017-18 | 2016-17                       | 2015-16 | 2014-15 |
|---|---------|-------------------------------|---------|---------|
| 500                                     | 500     | 500                           | 500     | 500     |
| File Description                        |         | Document                      |         |         |
| Institutional Data in Prescribed Format |         | <a href="#">View Document</a> |         |         |

**Total number of classrooms and seminar halls**

**Response: 63**

**Total number of computers in the campus for academic purpose**

**Response: 3357**

**Total Expenditure excluding salary year-wise during the last five years ( INR in Lakhs)**

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 8471.2  | 7871.1  | 6946.4  | 5693.8  | 5537.6  |

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curriculum Design and Development

**1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the University**

**Response:**

RGUKT conducts 7 under graduate programs in Engineering and 3 Post Graduate Programs in Electronics and Communications Engineering, Mechanical Engineering and Computer Science Engineering. All these programs have been structured on the basis of the current needs of the industry in India and are frequently revised and updated to match the requirements of the industry.

While designing the programs, due consideration is given to the Program Education Objectives and the Program Specific Objectives; and also the program outcomes. The curriculum is designed keeping the requirements of the program in mind and the courses included enable the students to attain the Program outcomes at the end of their study.

Before the development of the Course curriculum, Course outcomes are determined and are mapped to the Program outcomes. Once the Course outcomes are determined, the detailed syllabus is made out in consultation with the internal faculty, outside academic experts and industry representatives. Due importance is given to the experimental learning aspects in addition to the classroom learning. A student needs to earn approximately 165 credits to qualify in an Under Graduate program. Credits are segregated separately for classroom sessions (including tutorials) and lab sessions.

The courses so designed are approved by the Board of Studies and the Academic Council at the University and are introduced in the academic year that follows.

The pedagogy adopted is designed to meet the course outcome requirements, and informal class tests are conducted to ascertain the understanding of the students. Three formative assessments are conducted followed by the end semester exams. Questions in the assessments are generally framed keeping the course outcomes in mind.

**1.1.2 Percentage of programs where syllabus revision was carried out during the last five years**

**Response:** 70

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

**Response:** 7

1.1.2.2 Number of all programs offered by the institution during the last five years

| Response: 10   |                               |
|--|-------------------------------|
| File Description                                     | Document                      |
| Minutes of relevant Academic Council/BOS meeting     | <a href="#">View Document</a> |
| Details of program syllabus revision in last 5 years | <a href="#">View Document</a> |

### 1.1.3 Average percentage of courses having focus on Employability/ Entrepreneurship/ Skill development during the last five years

**Response: 17.55**

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 83      | 10      | 188     | 106     | 14      |

| File Description   | Document                      |
|--|-------------------------------|
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | <a href="#">View Document</a> |
| Average percentage of courses having focus on employability/ entrepreneurship                | <a href="#">View Document</a> |

## 1.2 Academic Flexibility

### 1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

**Response: 13.32**

1.2.1.1 How many new courses are introduced within the last five years

Response: 303

1.2.1.2 Number of courses offered by the institution across all programs during the last five years

Response: 2274

| File Description                                  | Document                      |
|---|-------------------------------|
| Minutes of relevant Academic Council/BOS meetings | <a href="#">View Document</a> |
| Institutional data in prescribed format           | <a href="#">View Document</a> |

### 1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

**Response:** 100

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

Response: 10

| File Description                                  | Document                      |
|---|-------------------------------|
| Minutes of relevant Academic Council/BOS meetings | <a href="#">View Document</a> |
| Institutional data in prescribed format           | <a href="#">View Document</a> |

## 1.3 Curriculum Enrichment

### 1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

**Response:**

All the programs at RGUKT are technical in nature. However, the University attempts to provide a holistic orientation to its students by including several aspects of social sciences and ethics in the curriculum. The courses relating to these are mandatory and the students are required to study and appear for examinations in these courses. These courses include:

- Human relations at work.
- Essence of Indian Traditional Knowledge.
- Constitution of India.
- Educational Technology and Society.
- Environment science.
- Sustainable technologies.
- Introduction to Management.
- Entrepreneurship and New Ventures.

The co-curricular and the extracurricular activities at the University also help in instilling ethics and morals, and team spirit which is vital to the success of the students in their lives.



**1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years****Response:** 2

1.3.2.1 Number of value-added courses are added within the last five years

Response: 2

| File Description   | Document                      |
|--|-------------------------------|
| List of value added courses                                    | <a href="#">View Document</a> |
| Brochure or any other document relating to value added courses | <a href="#">View Document</a> |

**1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above****Response:** 22.73

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 815     | 806     | 758     | 982     | 854     |

**1.3.4 Percentage of students undertaking field projects / internships****Response:** 16.7

1.3.4.1 Number of students undertaking field projects or internships

Response: 594

| File Description   | Document                      |
|--|-------------------------------|
| List of programs and number of students undertaking field projects / internships | <a href="#">View Document</a> |

**1.4 Feedback System****1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5) Parents for design and review of syllabus Semester wise /year-wise****A. Any 4 of above****B. Any 3 of above**

**C. Any 2 of above**

**D. Any 1 of above**

**Response:** D. Any 1 of above

| File Description                    | Document                      |
|-------------------------------------|-------------------------------|
| URL for stakeholder feedback report | <a href="#">View Document</a> |

**1.4.2 Feedback processes of the institution may be classified as follows:**

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

**B. Feedback collected, analysed and action has been taken**

**C. Feedback collected and analysed**

**D. Feedback collected**

**Response:** A. Feedback collected, analysed and action taken and feedback available on website

| File Description        | Document                      |
|-------------------------|-------------------------------|
| URL for feedback report | <a href="#">View Document</a> |

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Average percentage of students from other States and Countries during the last five years

**Response:** 0.62

##### 2.1.1.1 Number of students from other states and countries year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 28      | 11      | 8       | 45      | 24      |

#### File Description

List of students (other states and countries)

#### Document

[View Document](#)

#### 2.1.2 Demand Ratio(Average of last five years)

**Response:** 13.69

##### 2.1.2.1 Number of seats available year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 1605    | 1568    | 1050    | 1050    | 1050    |

#### File Description

Demand Ratio (Average of Last five years)

#### Document

[View Document](#)

#### 2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

**Response:** 100

##### 2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 500     | 500     | 500     | 500     | 500     |

| File Description  | Document                      |
|---|-------------------------------|
| Average percentage of seats filled against seats reserved | <a href="#">View Document</a> |

## 2.2 Catering to Student Diversity

### 2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

#### Response:

RGUKT has a system of catching the talent when they are young. It is one of the few institutions in India that admits students soon after their qualifying in the 10th grade, and helps them to qualify in the 10+2 examinations while imparting basic training in the engineering subjects. This has multiple advantages to the students:

- Students are oriented to the professional learning approach at an early age.
- Students learn to practice what they learn by doing in the University's labs and workshops.

In the result, students graduating from RGUKT have been found to be very good and immediate fits in the industry.

After the students qualify in the 10+2 examination, they are required to attend an orientation program of 15 day duration, in which over 25 personality development aspects are covered.

Slow learners and students with weak areas are addressed separately and tutorials are provided to help them overcome their weaknesses.

RGUKT provides excellent environment to fast and advanced learners to demonstrate their learning in terms of constructing gadgets and models for application in the industry. The University boasts of over 100 such models which are prominently displayed in the University's festivals and the Government events.

### 2.2.2 Student - Full time teacher ratio

Response: 19.43

### 2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 1.24

#### 2.2.3.1 Number of differently abled students on rolls

Response: 44

| File Description                        | Document                      |
|---|-------------------------------|
| Institutional data in prescribed format | <a href="#">View Document</a> |

## 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

**Response:**

RGUKT gives lot of freedom to the faculty and students to innovate the teaching practice by providing experiential learning and several workshops for learning hands on knowledge of the courses they study.

**Examples:**

1. Several live projects are handled by the students, under the supervision of the faculty members that help them in learning the practical aspects and solving problems that crop up during the implementation of projects.
2. Quiz competitions, group projects and classroom group discussions which are usually a part of pedagogy for each course. These help the students to understand the topics better and become good problem solvers. The students are exposed to these atleast twice in a semester for each course.
3. Some of the SMEs engage the students in their projects that are undertaken in the University's campus using the equipment in the Labs and Workshops at RGUKT.
4. Students have developed model Smart Village that helped them use their learning for implementing solutions.

### 2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

**Response:** 100

#### 2.3.2.1 Number of teachers using ICT

**Response:** 183

| File Description                          | Document                      |
|---|-------------------------------|
| List of teachers (using ICT for teaching) | <a href="#">View Document</a> |

### 2.3.3 Ratio of students to mentor for academic and stress related issues

**Response:** 19.43

#### 2.3.3.1 Number of mentors

Response: 183

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 42.65

| File Description  | Document                      |
|---|-------------------------------|
| Year wise full time teachers and sanctioned posts for 5 years | <a href="#">View Document</a> |
| List of the faculty members authenticated by the Head of HEI  | <a href="#">View Document</a> |

### 2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 13.5

#### 2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 36      | 35      | 32      | 14      | 11      |

| File Description   | Document                      |
|--|-------------------------------|
| List of number of full time teachers with PhD and number of full time teachers for 5 years | <a href="#">View Document</a> |

### 2.4.3 Teaching experience per full time teacher in number of years

Response: 7.68

#### 2.4.3.1 Total experience of full-time teachers

Response: 1405

### 2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 6.96

#### 2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 4       | 3       | 4       | 1       | 1       |

| File Description                        | Document                      |
|---|-------------------------------|
| Institutional data in prescribed format | <a href="#">View Document</a> |

#### 2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

**Response:** 2.74

##### 2.4.5.1 Number of full time teachers from other states year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 12      | 12      | 12      | 12      | 12      |

| File Description  | Document                      |
|---|-------------------------------|
| List of full time teachers from other state and state from which qualifying degree was obtained | <a href="#">View Document</a> |

## 2.5 Evaluation Process and Reforms

#### 2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years

**Response:** 20.2

##### 2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 35      | 21      | 16      | 14      | 15      |

| File Description   | Document                      |
|--|-------------------------------|
| List of programs and date of last semester and date of declaration of result | <a href="#">View Document</a> |



**2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years****Response:** 0**2.5.2.1 Number of complaints/grievances about evaluation year-wise during the last five years**

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       | 0       |

**2.5.3 Average percentage of applications for revaluation leading to change in marks during the last five years****Response:** 0.87**2.5.3.1 Number of applications for revaluation leading to change in marks year-wise during the last five years**

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 20      | 16      | 18      | 19      | 21      |

**2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system****Response:**

The examination system at RGUKT is reviewed on a year to year basis both by the Board of Studies and the Academic Council. The review is essentially based on the results of the students, student feedback and faculty feedback.

IT systems are being used for the administration of the examinations and the results. However, in future RGUKT will transform the examination system using online assessments directed to improve the performance of individual students.

The procedure of setting of question papers by paper setters has been automated with a view to bring confidentiality and secrecy by eliminating use of hard copies. This change also helped in better compliance with Guidelines for Setting of Question paper by checking coverage of entire syllabus in question papers as per weightage of the module. Provision has also been given to paper setters to link questions with Student Learning Outcomes expected from modules/syllabus in order to achieve the objective of Outcome Assessment.

.Automation - Compilation & Declaration of Results Complete processing of the result has been automated . Advantages are as under:

Integration with defined assessment scheme of the respective courses No manual intervention. Fast and error free compilation of results. Accurate marking of Debarred status Accurate generation of Grades. Accurate calculation of SGPA, CGPA and Division. Working efficiency has increased. Minimum usage of stationary. Publishing of results for Heads of Institutions, students and parents.

Back Paper Results: All reappears results are displayed on student's login id with date of publishing of the result. Ambiguity in updating of results has been eliminated.

Re-checking of Answer Books: Provisions for students to apply online for re-checking of answer book with online payment facility has been implemented .This automation has proved very helpful for the students and has reduced wastage of paper and time. Decision of re-checking is also published online for viewing of Heads of Institutions and students.

#### **2.5.5 Status of automation of Examination division along with approved Examination Manual** **A. 100% automation of entire division & implementation of Examination Management System (EMS)**

**B. Only student registration, Hall ticket issue & Result Processing**

**C. Only student registration and result processing**

**D. Only result processing**

**Response:** C. Only student registration and result processing

| <b>File Description</b>  | <b>Document</b>               |
|--|-------------------------------|
| Current manual of examination automation system and Annual reports of examination including the present status of automation | <a href="#">View Document</a> |

## **2.6 Student Performance and Learning Outcomes**

**2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students**

**Response:**

The Program Outcomes are prominently displayed on the website of RGUKT at [www.rgukt.ac.in](http://www.rgukt.ac.in)

The learning outcomes are stated clearly for all academic programmes and courses of the University which are instrumental in achieving the mission and objectives of the University. While defining the learning

outcomes, following are taken care of:

The Learning outcomes are measurable and stated using active verbs.

Students are expected to acquire the knowledge, skills, and competencies as a result of completing their programme of study.

The resources and pedagogy to be adopted for effective course delivery and student learning are determined in consonance with the learning outcomes to be achieved.

The outcomes are assessed and measured to identify the extent to which goals are accomplished.

The gaps identified after the analysis are addressed through the properly laid action plan. The outcomes assessment plan also specifies the performance targets/criteria (measurable objectives) that are used by the domain to determine the extent to which the programme learning outcomes are being achieved.

The assessment of student learning outcomes is done by using direct and indirect measurement tools.

Assessment methodology/tools are decided keeping in mind the parameters/learning outcomes to be measured and the desired emphasis during the delivery of a programme as prescribed in the course curriculum.

Mechanism of communication:

Conducting workshops for developing the Programme Educational Objectives and Learning outcomes at University level

Conducting workshop on PLOs and their assessment at the institution level by Institution and programme outcome assessment committee

Programme Handbook and assessment tools are made available online for use of all faculty and staff

Course level outcomes are stated in Master session plan available online to the course faculty

Programme level outcomes are stated in the programme structure and available online to the faculty members

Programme learning outcomes are also available on website for each academic programme

Orientation Programme of students about PEOs, PLOs, Programme structure, Course curriculum, SLOs and assessment plan by programme leaders. Programme Handbook having programme mission, programme description, programme structure, PEOs, PLOs, Programme operational objectives and outcomes, assessment plan and composition of outcome assessment committee is uploaded on University official website

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

### 2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

#### Response:

Students are assessed based on the course outcomes, and their attainment of the outcomes is frequently evaluated by the faculty both in the formative assessments and the end term examinations. Students who do not attain the required proficiency are detained and are asked to repeat the course. The assessment takes place at following levels:

a) The Course-level Assessment includes:

Continuous Assessment has a weightage of 30%-40% depending upon course objectives. Various components for continuous assessment are defined and used. End semester Examination – written examination/Board evaluations/lab examination depending upon course type. The weightage of end semester examination varies from 60%-70%.

b) The Programme level assessment includes: Assessment of Programme Learning Outcomes through direct and indirect methods of assessment.

Assessment methodology/tools like comprehensive examination are decided keeping in mind the parameters/learning outcomes to be measured and the desired emphasis during the delivery of a programme as prescribed in the course curriculum

The assessment of programme specific outcome is conducted by the committee constituted for the purpose.

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

### 2.6.3 Average pass percentage of Students

Response: 92.28

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 1734

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 1879

| File Description  | Document                      |
|---|-------------------------------|
| List of programs and number of students passed and appeared in the final year examination | <a href="#">View Document</a> |

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:**

NAAC

### Criterion 3 - Research, Innovations and Extension

#### 3.1 Promotion of Research and Facilities

**3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website**

**Response:** Yes

| File Description  | Document                      |
|---|-------------------------------|
| Any additional information  | <a href="#">View Document</a> |
| URL of Policy document on promotion of research uploaded on website | <a href="#">View Document</a> |

**3.1.2 The institution provides seed money to its teachers for research (average per year)**

**Response:** 8.08

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years(INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 13      | 11      | 15.42   | 1       |

| File Description  | Document                      |
|---|-------------------------------|
| List of teachers receiving grant and details of grant received  | <a href="#">View Document</a> |
| Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized | <a href="#">View Document</a> |

**3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years**

**Response:** 2

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 1       | 1       |

| File Description  | Document                      |
|---|-------------------------------|
| List of teachers and their international fellowship details | <a href="#">View Document</a> |
| e-copies of the award letters of the teachers.              | <a href="#">View Document</a> |

### 3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years

**Response:** 0

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       | 0       |

| File Description                                      | Document                      |
|---|-------------------------------|
| List of research fellows and their fellowship details | <a href="#">View Document</a> |

### 3.1.5 University has the following facilities

1. Central Instrumentation Centre
2. Animal House/Green House / Museum
3. Central Fabrication facility
4. Media laboratory/Business Lab/Studios
5. Research/Statistical Databases

**Any four facilities exist**

**Three of the facilities exist**

**Two of the facilities exist**

**One of the facilities exist**

**Response:** One of the facilities exist

| File Description  | Document                      |
|---|-------------------------------|
| List of facilities provided by the university and their year of establishment | <a href="#">View Document</a> |

### 3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognition by government agency

**Response: 10**

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST ,DBT,ICSSR and other similar recognition by government agency

Response: 1

| File Description                      | Document                      |
|---------------------------------------|-------------------------------|
| List of departments and award details | <a href="#">View Document</a> |
| Any additional information            | <a href="#">View Document</a> |

## 3.2 Resource Mobilization for Research

**3.2.1 Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years (INR in Lakhs)**

**Response: 0**

3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       | 0       |

| File Description                  | Document                      |
|-----------------------------------|-------------------------------|
| List of project and grant details | <a href="#">View Document</a> |

**3.2.2 Grants for research projects sponsored by the government sources during the last five years**

**Response: 3.6**

3.2.2.1 Total Grants for research projects sponsored by the government sources year-wise during the last



five years(INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 3.6     | 0       | 0       | 0       |

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

### 3.2.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

**Response:** 0.01

3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 1

3.2.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 934

## 3.3 Innovation Ecosystem

### 3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

**Response:**

RGUKT admits only the brightest of the bright students through a rigorous selection process. These meritorious students are highly charged and are creative. The University encourages such creativity by the students and provides them a platform to demonstrate and display their innovations.

Over 100 models have been built by the students, which have been displayed in the State Government platforms, and have won the appreciation of several highly placed dignitaries. Drones which have been developed by the students at RGUKT have been deployed in the nearby villages for assist the farmers in uniform pesticide administration in their farms. Similarly the seed sewing machine developed has made inroads into the villages in Telangana and is helping the farmers in speedy and efficient sowing of seeds. All these initiatives have been appreciated not only by academicians and bureaucrats, but also the ministers and the Chief Minister of Telangana. These models have been displayed in major events of the State and exhibitions across the country.

RGUKT has entered into MOUs with several research organizations and NGOs to promote innovation among the faculty and students. Organizations include NFTDC-HYD,NIT-WARANGAL, MHRD-Hyderabad, Govt of India, KIHT-Vishakhapatnam, GCCT- Hyderabad, CITD, Hyderabad,

IBUILD INNOVATIOS INDIA PVT LTD., TITA and VITWIT Similarly other MOUs like the ones with Safe Trace Hub, Japan; Vitwit Technologies, Hyderabad also help the culture of innovation at RGUKT.

### 3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during the last five years

**Response:** 15

3.3.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 2       | 5       | 7       | 1       | 0       |

#### File Description

#### Document

List of workshops/seminars during the last 5 years

[View Document](#)

### 3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years

**Response:** 7

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 6       | 1       | 0       | 0       | 0       |

#### File Description

#### Document

List of innovation and award details

[View Document](#)

Any additional information

[View Document](#)

### 3.3.4 Number of start-ups incubated on campus during the last five years

**Response:** 2

3.3.4.1 Total number of start-ups incubated on campus year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 1       | 0       | 1       | 0       | 0       |

| File Description  | Document                      |
|---|-------------------------------|
| List of startups details like name of startup, nature, year of commencement etc | <a href="#">View Document</a> |

### 3.4 Research Publications and Awards

| <b>3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research</b> |                               |
|---|-------------------------------|
| <b>Response:</b> Yes  |                               |
| File Description  | Document                      |
| Any additional information  | <a href="#">View Document</a> |

| <b>3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards</b>   |                               |         |         |         |         |         |   |   |   |   |   |
|---|-------------------------------|---------|---------|---------|---------|---------|---|---|---|---|---|
| <b>Response:</b> No   |                               |         |         |         |         |         |   |   |   |   |   |
| <b>3.4.3 Number of Patents published/awarded during the last five years</b>   |                               |         |         |         |         |         |   |   |   |   |   |
| <b>Response:</b> 0  |                               |         |         |         |         |         |   |   |   |   |   |
| 3.4.3.1 Total number of Patents published/awarded year-wise during the last five years  |                               |         |         |         |         |         |   |   |   |   |   |
| <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> |                               | 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 | 0 | 0 | 0 | 0 | 0 |
| 2018-19   | 2017-18                       | 2016-17 | 2015-16 | 2014-15 |         |         |   |   |   |   |   |
| 0   | 0                             | 0       | 0       | 0       |         |         |   |   |   |   |   |
| File Description  | Document                      |         |         |         |         |         |   |   |   |   |   |
| List of patents and year it was awarded   | <a href="#">View Document</a> |         |         |         |         |         |   |   |   |   |   |

|  |  |
|--|--|
| <b>3.4.4 Number of Ph.D.s awarded per teacher during the last five years</b> |  |
| <b>Response:</b> 0   |  |
| 3.4.4.1 How many Ph.Ds are awarded within last 5 years                       |  |
| 3.4.4.2 Number of teachers recognized as guides during the last five years   |  |

| File Description   | Document                      |
|--|-------------------------------|
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc | <a href="#">View Document</a> |

### 3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

**Response:** 0.75

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 48      | 44      | 37      | 8       | 3       |

| File Description   | Document                      |
|--|-------------------------------|
| List of research papers by title, author, department, name and year of publication | <a href="#">View Document</a> |

### 3.4.6 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

**Response:** 0.4

3.4.6.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 6       | 22      | 17      | 25      | 5       |

| File Description  | Document                      |
|---|-------------------------------|
| List books and chapters in edited volumes / books published | <a href="#">View Document</a> |

### 3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

**Response:**

### 3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-

**index of the Institution****Response:****3.5 Consultancy****3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual****Response:** Yes

| File Description                       | Document                      |
|--|-------------------------------|
| URL of the consultancy policy document | <a href="#">View Document</a> |

**3.5.2 Revenue generated from consultancy during the last five years****Response:** 0**3.5.2.1 Total amount generated from consultancy year-wise during the last five years (INR in Lakhs)**

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       | 0       |

| File Description                                  | Document                      |
|---|-------------------------------|
| List of consultants and revenue generated by them | <a href="#">View Document</a> |

**3.5.3 Revenue generated from corporate training by the institution during the last five years****Response:** 0**3.5.3.1 Total amount generated from corporate training by the institution year-wise during the last five years (INR in Lakhs)**

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       | 0       |

| File Description  | Document                      |
|---|-------------------------------|
| List of teacher consultants and revenue generated by them | <a href="#">View Document</a> |

### 3.6 Extension Activities

#### 3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

**Response:**

RGUKT operates in a rural setting and admits mostly students from non-urban areas. A number of initiatives are taken up to assist the students and the communities in Basar and nearby villages and towns which include provision of English education, Science education in terms of awareness programs and demonstration of science concepts, training in the usage of computers, and the farming community to find solutions to their day-to-day problems.

The University also works in the areas of gender sensitization and women empowerment in the local communities. Several experts are invited from across India to enable these programs, while the students provide the required local support to such experts.

Students of the University have developed a website for the marketing of the Nirmal Toys, which are developed by the artisans of Nirmal town and nearby areas. Similarly web portals have been developed for the online marketing of the agricultural produce and the byproducts benefiting the local community.

#### 3.6.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

**Response: 16**

##### 3.6.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 6       | 6       | 4       | 0       | 0       |

| File Description  | Document                      |
|---|-------------------------------|
| Number of awards for extension activities in last 5 years | <a href="#">View Document</a> |

#### 3.6.3 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 last five years

**Response: 16**

3.6.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 3       | 6       | 3       | 3       | 1       |

| File Description  | Document                      |
|---|-------------------------------|
| Number of extension and outreach programs conducted with industry,community etc for the last five years | <a href="#">View Document</a> |

**3.6.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years**

**Response:** 14.4

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 755     | 800     | 400     | 500     | 125     |

| File Description  | Document                      |
|---|-------------------------------|
| Average percentage of students participating in extension activities with Govt. or NGO etc. | <a href="#">View Document</a> |

### 3.7 Collaboration

**3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year**

**Response:** 1.4

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
| 1       | 0       | 2       | 3       | 1       |

| File Description   | Document                      |
|--|-------------------------------|
| Number of Collaborative activities for research, faculty etc | <a href="#">View Document</a> |

### 3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

**Response:** 442

3.7.2.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
| 83      | 96      | 85      | 81      | 97      |

| File Description  | Document                      |
|---|-------------------------------|
| e-copies of linkage related Document                            | <a href="#">View Document</a> |
| Details of linkages with institutions/industries for internship | <a href="#">View Document</a> |

### 3.7.3 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

**Response:** 17

3.7.3.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
| 9       | 4       | 3       | 1       | 0       |



| <b>File Description</b>   | <b>Document</b>               |
|---|-------------------------------|
| e-copies of the MoUs with institution/ industry/ corporate house  | <a href="#">View Document</a> |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years | <a href="#">View Document</a> |

NAAC

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

##### Response:

RGUKT has a **state of the art campus** that has:

1. 63 Classrooms with ICT facilities. All students are provided with laptops, which can be connected to local server and internet. The local server hosts all student information and academic information that can be accessed by the students anytime.
2. 650 desktops are available for students in the computer and English labs.
3. Several licenced software packages like the MATLAB, ANSYS, SOLIDWORK, etc are used by various departments at the University.
4. RGUKT campus has campus wide WiFi connectivity.
5. All faculty members are required to use the ICT facilities in the classrooms; presentations, instructional videos and conferencing with other institutions are frequently used.
6. RGUKT has 59 labs managed by the various departments.

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

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

##### Response:

RGUKT has a dedicated constructed area for student activities including outdoor and indoor activities. The outdoor activities include sports like Cricket, Foot Ball, Basket Ball, Kabbadi, etc. Indoor activities include games like Table Tennis, Indoor Kabbadi, Shuttle Badminton, Chess, Carroms, etc.

An Indoor Yoga Center & Gymnasium are available for Girls and Boys separately.

RGUKT's students pursue several cultural activities in the campus.

Festivals at RGUKT include: Trinayana (Cultural festival), Annual Sports Day, Antahpragnya (Technical festival).

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

**Response:** 100

#### 4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 63

| File Description   | Document                      |
|--|-------------------------------|
| Number of classrooms and seminar halls with ICT enabled facilities | <a href="#">View Document</a> |

#### 4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

**Response:** 56.29

##### 4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 4614    | 4986    | 2371    | 2032    | 5194    |

| File Description               | Document                      |
|--------------------------------|-------------------------------|
| Audited utilization statements | <a href="#">View Document</a> |

## 4.2 Library as a Learning Resource

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

**Response:**

Library at RGUKT is housed in 105448 .square feet area and has 1,10,250 volumes as on date. New volumes are added at frequent intervals. Library also houses a digital library.

- KOHA ILMS SOFTWARE
- Fully automated : Issue and return of books
- Version:19.11
- Year Automation:2020

University Library building is centrally located, well laid out, and aesthetically designed to make it an inviting place with the ambiance that is suitable for learning and scholarship. Library buildings have provision for both individual and group studies making room for interaction, discussion and quiet studies. Adequate space is provided for browsing and relaxed reading.

Library is equipped with adequate number of sign boards and guides for smoother and convenient movement of goods, services and users the library has open access to its collection for all student, faculty and staff. All buildings have fire detection alarm and fire lighting systems installed

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

#### 4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment

##### Response:

RGUKT's library has several books in disciplines like the literature, culture Indian and world Geography, History, and several other general disciplines.

The Library makes all efforts to acquire useful books including rare books, reports, thesis, and other knowledge resources to enrich its collection.

Central Library was established in 2011 and has a collection of rare and hard to come by works on number of subjects along with modern first editions and decorative sets and bindings. The special collection in the library provides for research interests and subject specializations of students and faculties.

Like other holdings of the library, the collection of rare books also support and enhance the teaching learning process.

#### 4.2.3 Does the institution have the following

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

**Response:** Any 2 of the above

| File Description   | Document                      |
|--|-------------------------------|
| Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc | <a href="#">View Document</a> |
| Any additional information   | <a href="#">View Document</a> |

#### 4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

**Response:** 10.66

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 9       | 16.3    | 11      | 8       | 9       |

| File Description  | Document                      |
|---|-------------------------------|
| Details of annual expenditure for purchase of books and journals during the last five years | <a href="#">View Document</a> |
| Audited statements of accounts  | <a href="#">View Document</a> |

#### 4.2.5 Availability of remote access to e-resources of the library

**Response:** No

#### 4.2.6 Percentage per day usage of library by teachers and students

**Response:** 1386.63

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

Response: 51846

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

#### 4.2.7 E-content is developed by teachers :

**1. For e-PG-Pathshala**

2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. For NPTEL/NMEICT/any other Government Initiatives
6. For Institutional LMS

Any 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

**Response:** None of the above

| File Description  | Document                      |
|---|-------------------------------|
| Details of e-content developed by teachers for e-PG-Pathshala, CEC (UG) | <a href="#">View Document</a> |

### 4.3 IT Infrastructure

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

**Response:**

RGUKT's IT services are managed by an independent department that frequently audits and upgrades the facilities.

University has enormous and latest IT Infrastructure to support the teaching & learning processes. Details of University's computing facilities i.e., hardware and software are as follows:

Number of systems with individual configurations:

Desktop (Intel i3 , Dual Core, Celeron Processor with 2-4 GB RAM and 250 GB to 500 GB HDD) Laptop (Core2duo 2.4 Ghz/i3-4030U 1.90 GHZ,i5-5200U, 2 GB to 4 GB RAM, 250 GB to 500 GB HDD) Total number of systems-3957

Dedicated computing facilities:

Internet in All Computer Labs Internet in Residential area Wi-Fi in All Hostels Paid Printing LCD Projectors Audio Visual Class rooms

LAN facility:

One network across the campus and access internet/intranet resources under uniform network policy

Proprietary software:

MS-Office 2007/2010

- AutoCAD 3D Studio Max MS-SQL 2005
- Adobe Creative suite Oracle 11g
- IDS IBM Rational Rose
- Solid Works Mentor Graphics
- SAS MAT Lab
- SPSS Andragogy
- Maya AutoCAD LT 2012
- Quark Xpress AutoCAD LT 3D
- Star – CCM+ Coral Draw 14
- HFSS OrCAD
- ANSYS MECHANICAL
- ANSYS FLUENT

#### 4.3.2 Student - Computer ratio

**Response:** 1.06

#### 4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

?1 GBPS

**500 MBPS - 1 GBPS**

**50 MBPS-250 MBPS**

**250 MBPS-500 MBPS**

**Response:** 50 MBPS-250 MBPS

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

**4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)****Response:** Yes

| File Description  | Document                      |
|---|-------------------------------|
| Facilities for e-content development such as Media Centre, Recording facility,LCS | <a href="#">View Document</a> |
| Link to photographs   | <a href="#">View Document</a> |

**4.4 Maintenance of Campus Infrastructure****4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years****Response:** 45.15

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 6308    | 3931    | 2506    | 945     | 2694    |

| File Description   | Document                      |
|--|-------------------------------|
| Details about assigned budget and expenditure on physical facilities and academic facilities | <a href="#">View Document</a> |
| Audited statements of accounts.  | <a href="#">View Document</a> |

**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.****Response:**

RGUKT has a dedicated department looking after the maintenance of the campus facilities. In addition several services like the Gardening, Janitorial and Security services have been outsourced to reputed agencies. Regular inspection of the campus facilities is also conducted by the Vice Chancellor and the Administrative officers.

The department has qualified and skilled manpower for civil work, electric work, plumbing, carpentry work, horticulture etc.



Maintenance of infrastructure facilities, services and equipment's is done as per following details:

1. The infrastructure facilities such as class-rooms, buildings, hostels, green areas, etc are maintained by the maintenance department in the campus.
2. The University has power management department to ensure uninterrupted power supply and maintenance of electrical assets. The maintenance of equipment like Generator Sets, General Lighting, Power Distribution System, Solar Panels etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier.
3. The maintenance of equipments for water pumping plants, sewage, etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier.
4. Maintenance of Services: The University provides various services / facilities to the students, faculty and staff are maintained by respective service providers as per contract:
5. Cafeterias facilities Banking / ATMs facilities & services Laundry services, Gymnasium facilities , Photocopy services , Post Office facilities Books & Stationary facilities Departmental Store, etc.
6. Campus Surveillance Cameras, CCTVs, other security equipments are maintained through IT department by the equipment providers
7. Teaching aids such as LCD Projectors, PA Systems, Laptops, Desktops, Printers, Wi-Fi etc. are maintained by IT Helpdesk department.
8. Fire safety equipments such Carbondioxide cylinders are available in the campus.

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

**Response:** 84.43

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 3041    | 2943    | 3035    | 3022    | 3725    |

#### File Description

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

#### Document

[View Document](#)

#### 5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

**Response:** 0.39

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 29      | 8       | 11      | 21      | 0       |

#### File Description

Any additional information

#### Document

[View Document](#)

#### 5.1.3 Number of capability enhancement and development schemes –

1. Guidance for competitive examinations
2. Career Counselling
3. Soft skill development
4. Remedial coaching

- 5. Language lab
- 6. Bridge courses
- 7. Yoga and Meditation
- 8. Personal Counselling

7 or more of the above

Any 6 of the above

Any 5 of the above

Any 4 of the above

**Response:** 7 or more of the above

| File Description  | Document                      |
|---|-------------------------------|
| Details of capability enhancement and development schemes | <a href="#">View Document</a> |

#### 5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

**Response:** 19.97

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 859     | 666     | 1345    | 682     | 0       |

| File Description  | Document                      |
|---|-------------------------------|
| Number of students benefited by guidance for competitive examinations and career counselling during the last five years | <a href="#">View Document</a> |
| Any additional information  | <a href="#">View Document</a> |

#### 5.1.5 The institution has an active international students cell to cater to the requirements of foreign students

**Response:**

RGUKT does not have approvals for admitting international students

NAAC

NAAC

NAAC

**5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases****Response:** Yes**File Description****Document**

Details of student grievances including sexual harassment and ragging cases

[View Document](#)**5.2 Student Progression****5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 31.76**5.2.1.1 Number of outgoing students placed year-wise during the last five years**

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 359     | 268     | 287     | 312     | 353     |

**File Description****Document**

Details of student placement during the last five years

[View Document](#)

Any additional information

[View Document](#)**5.2.2 Percentage of student progression to higher education (previous graduating batch)****Response:** 7.73**5.2.2.1 Number of outgoing students progressing to higher education****Response:** 73**File Description****Document**

Details of student progression to higher education

[View Document](#)

**5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)****Response:** 49.74

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 72      | 29      | 12      | 25      | 36      |

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOEFL/ Civil Services/State government examinations) year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 125     | 98      | 56      | 46      | 42      |

**File Description****Document**

Number of students qualifying in state/ national/ international level examinations during the last five years

[View Document](#)**5.3 Student Participation and Activities****5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years****Response:** 28

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

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 20      | 0       | 3       | 3       | 2       |



| File Description   | Document                      |
|--|-------------------------------|
| Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years | <a href="#">View Document</a> |
| e-copies of award letters and certificates   | <a href="#">View Document</a> |

### **5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution**

#### **Response:**

RGUKT invites student participation in several academic and non academic activities. However, no formal student council has been formed, and the faculty members invite individual students to participate or provide feedback in several activities like the Curriculum revision, formative assessments, etc.

NAAC

NAAC

NAAC

**5.3.3 Average number of sports and cultural activities / competitions organised at the institution level per year**

**Response:** 7.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
| 17      | 19      | 1       | 1       | 0       |

| File Description   | Document                      |
|--|-------------------------------|
| Number of sports and cultural activities / competitions organised per year | <a href="#">View Document</a> |

## 5.4 Alumni Engagement

**5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years**

**Response:**

RGUKT has initiated the alumni activities during the last 2 years. Alumni participate as guest faculty, and also help in generating internships and placements for students. They have also been helping individual students to overcome health and financial problems in addition to mentoring them.

Formal Alumni Meets are such opportunities which enable Alumni to reunite with their friends and faculty members, revitalize their memories and share experiences of their past and present life. At the same time it also enables us to receive constant updates of our Alumni and to have structured engagements with our Alumni of mutual interests and gains.

**5.4.2 Alumni contribution during the last five years (INR in Lakhs)  
? 100 Lakhs**

**50 Lakhs -100 Lakhs**

**20 Lakhs -50 Lakhs**

**5 Lakhs -20 Lakhs**

**Response: <5 Lakhs**

| File Description                      | Document                      |
|---------------------------------------|-------------------------------|
| Alumni association audited statements | <a href="#">View Document</a> |

**5.4.3 Number of Alumni Association / Chapters meetings held during the last five years**

**Response: 4**

## 5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 2       | 2       | 0       | 0       | 0       |

| <b>File Description</b>   | <b>Document</b>               |
|---|-------------------------------|
| Number of Alumni Association / Chapters meetings conducted during the last five years | <a href="#">View Document</a> |

NVAAC

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the University

**Response:**

RGUKT is the initiative of the Telangana State Government. The University was established in 2008 under the Rajiv Gandhi University of Knowledge Technologies Act, 2008 (as amended by the Act No.8 of 2016), as an institution that transforms the rural youth into well rounded professionals in the Engineering and allied disciplines. The University's intake is after the 10th standard. In the first 2 years (11th and 12th standards), the students are taught the courses that are relevant at the PUC level along with some of the Engineering inputs. After their qualification in PUC, they are absorbed into the University programs leading to Undergraduate Degree in Engineering. The University is also called IIIT, due its excellence in the academics.

The supreme authority of the University is the Governing Council, the constitution of which has been specified in the above mentioned Act. The Governing Council meets once every year for review of the annual performance of the University and the future plans. The Governing Council approves the budget for the ensuing year.

The Governing Council is assisted in decision making by the Executive Committee consisting of members as prescribed under the Act. All decisions relating to the administration of the University are taken by the Executive Committee –which includes the student admissions, programs of study, faculty recruitment, etc

The day to day affairs of the University are looked after by the Vice Chancellor, who is appointed by the Government of Telangana. During the 11 years of its existence, RGUKT had the good fortune of having highly experienced leaders as the Vice Chancellor. The University has witnessed commendable growth in terms of the number of students and placement of students, and is today recognized as a competitive brand with the National Institutes of Technology.

#### 6.1.2 The institution practices decentralization and participative management

**Response:**

Vice Chancellor of RGUKT is assisted by the Deans for Academics, Industry Interaction and Research; and the Administrative Officer and Finance Officer for administrative and compliance purposes.

The above said reporting officers have administrative and financial powers as delegated to them from time to time by the Vice Chancellor and the Executive Council.

Dean of Academics coordinates the day to day academic activities with the help of the Heads of the Departments and the Associate Deans. He conducts formal meetings of the departments and invites the participation and opinion of the individual faculty members in each of the departments.

## 6.2 Strategy Development and Deployment

### 6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

**Response:**

RGUKT prepares the annual plan, which is approved by the Executive Committee and the Governing Council. The annual plan clearly delineates the programs of study, admission of students, research activities, faculty training and development, student activities, etc and the budget for the University for the year.

NAAC



### 6.2.2 Organizational structure of the University including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

**Response:**

**Functional responsibilities:**

| <b>Officer</b>          | <b>Responsibility</b>  |
|-------------------------|--|
| Vice Chancellor         | Overall supervision of the University and University performance.  |
| Administrative Officer  | Compliances, Liaison, Campus Maintenance and Management, Faculty administration, Discipline, Grievance redressal.  |
| Finance Officer         | Annual budget administration, financial transactions, maintenance of accounts, auditors.   |
| Dean Academics          | Coordinates all academic activities with the Heads of the Departments. Also include administration and monitoring of the academic calendar, program appraisal, overseeing research activity. |
| Dean Planning           | Research, Consultancy, faculty development, Industry interaction including student   |
| Examinations controller | Supervision of the formative tests, all examination related activities including setting, student discipline in exams, paper correction and results and                                      |

improvement.

### **Policies and Procedures:**

RGUKT has well laid down policies and procedures for:

- Student admission.
- Faculty recruitment.
- Research
- Consultancy
- Curriculum revision.
- Student internal assessment.
- Examinations
- Student placement.
- Human resource administration including payroll.
- Finance and Accounts.
- Student activities and events.
- Grievance redressal.
- Student discipline.
- Faculty and staff discipline.
- Anti Ragging.
- Anti Sexual Harassment.

### **6.2.3 Implementation of e-governance in areas of operation**

- 1.Planning and Development**
- 2.Administration**
- 3.Finance and Accounts**
- 4.Student Admission and Support**
- 5.Examination**

**All 5 of the above**

**Any 4 of the above**

**Any 3 of the above**

**Any 2 of the above**

**Response:** All 5 of the above

| <b>File Description</b>   | <b>Document</b>               |
|---|-------------------------------|
| Details of implementation of e-governance in areas of operation Planning and Development,Administration etc | <a href="#">View Document</a> |

#### **6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**

##### **Response:**

##### **Committees:**

There are several committees that have been formed for monitoring and collective decision making. These include:

##### **Academic activity related committees:**

- Academic council.
- Board of studies.
- Curriculum review committee.
- Research committee.
- Student orientation program committee.
- Student attendance committee.
- Project and dissertation committee.
- Examinations committee.
- Library committee.
- Faculty recruitment committee.
- Faculty performance review committee.
- Internal Quality Assurance committee

##### **Administrative activity related committees:**

- Governing council.
- Executive committee.
- Finance committee.
- Purchase committee.
- Campus maintenance committee.
- Anti ragging committee.
- Discipline committee.
- Grievance redressal cell.
- Women's issues committee.
- Transport committee.
- Staff welfare committee.

##### **Student activity committees:**

- Student welfare committee.
- Canteen committee.
- Sports committee.
- Cultural committee.
- Student career advancement committee.

| File Description           | Document                      |
|----------------------------|-------------------------------|
| Any additional information | <a href="#">View Document</a> |

### 6.3 Faculty Empowerment Strategies

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

##### Response:

RGUKT is a residential institution and all students and most of the faculty members live in the campus.

Faculty are provided with free laptops and unrestricted use of the lab facilities for research.

Faculty and staff at RGUKT are provided with free accommodation, subsidized electricity and water supply, preparatory and primary school for children of the faculty and staff, free transport facility for women faculty and staff, hospital facility with ambulance, play areas for children.

The following facilities are also provided to employees , which helps in maintaining healthcare, morale, safety and satisfaction:

1. Health Center.

2. Maternity benefits.

3. Medical leave.

4. Yoga classes.

5. Psychological counseling & rehabilitation clinic apart from employees insurance 6.24 hour power back-up (100%). 7. Wi-Fi facility. 8. The faculty members are having dedicated cabins & workstations wherein they can perform their duties effectively.

6. Cafeterias.

7. Transport.

8. Bank facility.

9. Post office.

10.Shopping complex

**6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years****Response: 5.25**

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

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 19      | 3       | 17      | 9       | 0       |

| File Description   | Document                      |
|--|-------------------------------|
| Details of teachers provided with financial support to attend conferences,workshops etc during the last five years | <a href="#">View Document</a> |

**6.3.3 Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years****Response: 3.2**

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 3       | 5       | 4       | 3       | 1       |

| File Description   | Document                      |
|--|-------------------------------|
| Details of professional development / administrative training programs organized by the University for teaching and non teaching staff | <a href="#">View Document</a> |

### 6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

**Response:** 5.07

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 18      | 16      | 14      | 1       | 0       |

| File Description   | Document                      |
|--|-------------------------------|
| IQAC report summary  | <a href="#">View Document</a> |
| Details of teachers attending professional development programs during the last five years | <a href="#">View Document</a> |

### 6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

**Response:**

RGUKT has a well drafted faculty appraisal system that takes into account the following:

- Student feedback.
- HOD / Dean feedback.
- Administrative Officer feedback.
- Research contributions.
- Student support.

NAAC

NAAC

## **6.4 Financial Management and Resource Mobilization**

### **6.4.1 Institution conducts internal and external financial audits regularly**

**Response:**

Accounts of RGUKT are maintained and updated regularly. Tally software is used for the day to day accounting and compilation of financial statements.



Internal audit is conducted by CA (A.V Ratnam and Co ) and statutory auditors of the University are CA (A.V Ratnam and Co )

NAAC

**6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)****Response:** 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       | 0       |

**File Description****Document**

Details of Funds / Grants received from non-government bodies during the last five years

[View Document](#)**6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources****Response:**

RGUKT is a Government University fully funded by the Government of Telangana. Most students belong to the weaker communities and the Government provides scholarships to such students. In addition, the University provides free accommodation, laptops, uniforms including shoes, books etc to the students. The

scholarship amounts are credited by the Government to the University account, and any gap in funding is provided as grants by the Government of Telangana.

## 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

#### Response:

IQAC was established at RGUKT in 2017. Ever since its establishment, RGUKT has been reviewing the academic activities including student induction program, curriculum review, program delivery review, faculty development and student performance.

IQAC committee is formed and approved by the governing body to take care of Quality assurance strategies and processes. RGUKT is committed to continually improve the infrastructure, enhance the faculty competencies and empower the students to self-learning. The IQAC enables the institution to focus on this mission and never falter from their goal. Reviewing of the quality policy is done once in every semester and the revision place as and when required by the IQAC committee. Parameters related to the enhancing of the quality of the institution like workshops, conferences, FDP's, paper publications, innovations in teaching and more are considered after the approval of IQAC Committee.

The University pays lot of attention to the quality education. Through years of progress it has initiated and developed several activities and training programs for the faculty through IQAC. Some of the notable activities organized by IQAC for the development of the institution are English communication skills, yoga, professional behavior workshop, aptitude training, training for labs and trainings on outcome based education among many more.

### 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

#### Response:

Academic processes of RGUKT are structured in a manner that enables the students to attain the learning outcomes. IQAC plays a pivotal role in reviewing and monitoring the academic activities, and suggests improvements where necessary.

Once in every semester, the faculty comes together for the faculty conclave. In this meeting, they share their experience to promote mutual growth. The faculty discusses their course planning, delivery and assessment. Each subject teacher writes a course outcome in the beginning of the year and schedules a 50 to 60 hours plan to deliver it. He/she also makes a day wise schedule to plan which topic is taught on which exact day, what methodology will be used, pedagogies and what is expected out of that lesson. They also collect necessary feedback from the students, measure the extent of their implementation and assess the impact of their activities. They also take photographs, which are shared at this conclave. All teachers

come up with extracts of what went well and what went wrong with their teaching methods. A ten-minute power point presentation is given by every teacher summarizing actions.

The Programme Structure, Course Syllabus, Course Session Plan, Time-table, Master Academic Planning Worksheet are made available to the students before the commencement of the semester. Daily monitoring of conduct of the classes is done by the Academic office. Academic section visits the class rooms and checks the proper conduct of the classes. Regular meetings of course faculty are held with Hod to review the course delivery and student learning progress. Feedback from students is also taken to improve the teaching-learning processes. Academic section regularly conducts various satisfaction surveys, and annual comprehensive examination results for assessing various student learning outcomes. The analysis reports generated from this data are shared with Hods, Dean and University IQAC to review the teaching-learning processes.

### 6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

**Response:** 1.8

#### 6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 2       | 4       | 3       | 0       | 0       |

| File Description   | Document                      |
|--|-------------------------------|
| Number of quality initiatives by IQAC per year for promoting quality culture | <a href="#">View Document</a> |
| Any additional information   | <a href="#">View Document</a> |

### 6.5.4 Quality assurance initiatives of the institution include

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

Any 4 of the above

**Any 3 of the above**

**Any 2 of the above**

**Any 1 of the above**

**Response:** Any 1 of the above

| File Description  | Document                      |
|---|-------------------------------|
| Details of Quality assurance initiatives of the institution | <a href="#">View Document</a> |

### **6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)**

**Response:**

RGUKT has adopted an effective internal and external quality enhancement mechanism. The Internal academic and administrative processes are monitored regularly. The University also undergoes external quality audits of its processes by way of external audits, accreditations and inspections by legally constituted controlling bodies. The reports of these bodies form an input to the Internal Quality Assurance processes thus resulting in improvement.

Our University makes sure that the programmes offered in the curriculum and outside the curriculum include contribution to national development, fostering global competencies among students, inculcating a value system among students, promoting the use of technology and quest for excellence. Our college efforts to ensure that the curriculum bears a thrust on these core values include the initiative for contribution to national development. The institution uses education as the tool for empowering women and through the transaction of the curriculum it has adopted. It seeks to address the all round development of the students enrolled in the various academic programs it offers. The major improvements took place in the following aspects: The institute has arranged certificate course in English for both faculty members and students to enhance their communication skills. The English Language Laboratory is well developed, making the students ready for placements. Mock placement E-Classroom facilities are provided to every department for a conducive learning/interaction between faculty and students. Industrial visits are arranged periodically by the departments to give the students a practical knowledge and exposure to industrial practices. Mock placement interviews are conducted by the HR professionals of the industries. The institute has a comprehensive Placement training department which is executed through qualified staff and experts from outside.

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

**Response:** 9

##### 7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 2       | 3       | 4       | 0       | 0       |

#### File Description

#### Document

Report of the event

[View Document](#)

List of gender equity promotion programs organized by the institution

[View Document](#)

#### 7.1.2 Institution shows gender sensitivity in providing facilities such as

a) Safety and Security

b) Counselling

c) Common Room

**Response:**

1. Safety and Security – Precautions have been taken during transport, in the campus, canteen, library, sports area to monitor the movement of students and ensure safety of the students. Closed circuit cameras are installed at various points to record the activities of the people moving in the campus.

2. Counselling – Women protection cell carries out regular counseling to the female students in groups and at individual level. Special counseling facility is also provided from Career Development Centre. This is initiated by recommendation of any of the faculty, friends of students or by self request.

3. Common Room – Dedicated Common Room for female students with resting facilities have been created. Electric Sanitary Pad Disposal Machine is installed in the girls common room. Specific cleaning schedule is given to the housekeeping people and followed meticulously

#### 7.1.3 Percentage of annual power requirement of the Institution met by the renewable energy sources

**Response:** 66.67

7.1.3.1 Annual power requirement met by renewable energy sources (in KWH)

Response: 600

7.1.3.2 Total annual power requirement (in KWH)

Response: 900

| File Description   | Document                      |
|--|-------------------------------|
| Details of power requirement of the university met by renewable energy sources | <a href="#">View Document</a> |

### 7.1.4 Percentage of annual lighting power requirements met through LED bulbs

**Response:** 57.14

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 80

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 140

| File Description   | Document                      |
|--|-------------------------------|
| Details of lighting power requirements met through LED bulbs | <a href="#">View Document</a> |

### 7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

**Response:**

Solid Waste Management:

The RGUKT takes all measures required to ensure that the campus is free of plastic items and other wastes that harm the environment. All departments and classrooms are provided with dustbins for dry wastage which are emptied every evening. Segregation of waste from the dustbins is done in other strategic locations, thus maintaining the Campus and keeping it clean and green.

Liquid Waste Management:

At RGUKT, we treat waste water through Sedimentation. The Sewage water from the entire campus is received through the underground pipe lines. The treated water is used as natural organic compost for gardening.

E-Waste Management:

All Electronic waste CPU's, Hard disks, Laboratory Equipment scrap is sent to the market for sale

The cartridges of printers are refilled outside the university campus. UPS Batteries are recharged and repaired by the suppliers.

### **7.1.6 Rain water harvesting structures and utilization in the campus**

**Response:**

Rain Water Harvesting structures and utilization in the campus

The institute has rain water harvesting facility with rain water storage tanks around the building. This system renews the bore wells not only of the institution but in the surrounded area too. Drain pits are used to sink the water and recharge the groundwater table.

The huge volume of rainwater from the roof is collected. This water is partially used for gardening and the remaining water is used for ground water level improvement and for improving the water level in the wells. The university emphasizes on the significance of water conservation and explains to all the students the importance of preserving and saving it. Students are encouraged to use water wisely and only when necessary. They also act immediately upon witnessing any wastage and take necessary action to stop it.

### **7.1.7 Green Practices**

- **Students, staff using**
  - a) **Bicycles**
  - b) **Public Transport**
  - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

**Response:**

The campus spread in 272 acres and the class rooms and hostels are within the walk able distance to students and staff .Most of the faculty uses bicycles to commute in the campus.



**Pedestrian Friendly Roads**

Campus has well laid roads for pedestrians

Plastic free Campus: Plastic items are strictly not allowed in the campus.

Paperless Office: All kinds of paper waste is sent for recycling to the vendors. Usage of paper on campus is minimized and printing is done on two sides. Maximum communication is made through mails and other electronic media to spread awareness about the same.

Plantation: Campus has around 450 species of plants including herbs, shrubs and big shady trees.

This provides home to flora and creates a heaven for the nesting birds.

**7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**

**Response:** 0.33

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 10.32   | 18.32   | 15.78   | 35.45   | 25.55   |

| <b>File Description</b>   | <b>Document</b>               |
|---|-------------------------------|
| Details of expenditure on green initiatives and waste management during the last five years | <a href="#">View Document</a> |

**7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:**

- 1. Physical facilities**
- 2. Provision for lift**
- 3. Ramp / Rails**
- 4. Braille Software/facilities**
- 5. Rest Rooms**
- 6. Scribes for examination**
- 7. Special skill development for differently abled students**
- 8. Any other similar facility (Specify)**

**A. 7 and more of the above**

**B. At least 6 of the above**

**C. At least 4 of the above**

**D. At least 2 of the above**

**Response:** D. At least 2 of the above

| File Description                                      | Document                      |
|---|-------------------------------|
| Resources available in the institution for Divyangjan | <a href="#">View Document</a> |
| Any additional information                            | <a href="#">View Document</a> |

#### **7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**

**Response:** 16

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 3       | 3       | 3       | 3       | 4       |

| File Description  | Document                      |
|---|-------------------------------|
| Number of Specific initiatives to address locational advantages and disadvantages | <a href="#">View Document</a> |
| Any additional information  | <a href="#">View Document</a> |

#### **7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**

**Response:** 13

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

|         |         |         |         |         |
|---------|---------|---------|---------|---------|
| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
| 3       | 3       | 3       | 4       | 0       |

| File Description    | Document                      |
|---------------------|-------------------------------|
| Report of the event | <a href="#">View Document</a> |

**7.1.12**  
**Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff**

**Response:** Yes

| File Description   | Document                      |
|--|-------------------------------|
| URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics | <a href="#">View Document</a> |

**7.1.13 Display of core values in the institution and on its website**

**Response:** Yes

| File Description                                 | Document                      |
|--|-------------------------------|
| Provide URL of website that displays core values | <a href="#">View Document</a> |

**7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations**

**Response:** Yes

| File Description  | Document                      |
|---|-------------------------------|
| Details of activities organized to increase consciousness about national identities and symbols | <a href="#">View Document</a> |
| Any additional information  | <a href="#">View Document</a> |

**7.1.15 The institution offers a course on Human Values and professional ethics**

**Response:** Yes

**7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory**

**bodies / regulatory authorities for different professions****Response:** Yes

| File Description  | Document                      |
|---|-------------------------------|
| Provide URL of supporting documents to prove institution functions as per professional code | <a href="#">View Document</a> |

**7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years****Response:** 21

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---------|---------|---------|---------|---------|
| 5       | 5       | 4       | 4       | 3       |

| File Description   | Document                      |
|--|-------------------------------|
| List of activities conducted for promotion of universal values | <a href="#">View Document</a> |
| Any additional information                                     | <a href="#">View Document</a> |

**7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities****Response:**

University Celebrates important days such as Independence Day, Republic day with patriotic fervor to make the dream of a new tomorrow comes true. Theme based activities and events are organized to celebrate World Tourism Day, International Youth Day, Engineers Days.

International Women's Day is celebrated to highlight the achievements of women. The day also marks a call to action for accelerating gender parity.

Teachers Day is celebrated to mark birth anniversary in of Dr Sarvepalli Radhakrishnan. To mark assassination of Gandhiji on Martyrs day 30 January a two-minute silence in memory of Indian martyrs is observed throughout the University at 11 AM.

### 7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

#### Response:

To ensure good governance, transparency and accountability, the vision, mission and goals are clearly defined at all levels. The functioning of the university involves stakeholders and beneficiaries.

Transparency in evaluation process

1. Familiarization of various stakeholders about the examination regulations through faculty development programs (FDP), orientation programs for students and availability of regulations.

2. Defined assessment/examination scheme based on L/T/P/SW/FW structure, weightage of Continuous Assessment (CA) and End Semester Examination (ESE) of the respective course available on RGUKT HUB at the beginning of semester.

3. The evaluated class tests, answer sheets, assignments and projects are shared with the students and feedback is given by the faculty for further improvement of student's performance.

## 7.2 Best Practices

### 7.2.1 Describe at least two institutional best practices (as per NAAC Format)

#### Response:

#### 1. Construction of e-Commerce portal for artisans:

**Objectives of the Practice:** To sensitize the students to the culture of innovation and entrepreneurship.

**Context:** The students of RGUKT were asked to study the issues relating to the marketing of the toys made by the artisans in the Nirmal District. The artisans were facing problems in taking their toys to the market and were the victims of middlemen.

**Practice:** After a detailed study of the problems faced by the artisans, the students developed the idea of an e-commerce web portal to market the toys. The site can be accessed at [www.rgukt.ac.in](http://www.rgukt.ac.in).

**Evidence of success:** The portal has been extensively used by the artisans in the Nirmal and was successful in enabling them to tap global market and derive better revenues for their toys.

**Problems encountered:**

Most of the artisans the students interacted with were illiterates and did not have an idea of computers. Accessing information that was required to determine the user requirements for the construction of the portal was a challenge. In addition the data available was inadequate and scanty for entry into the portal. The data had to be validated and entered into the database.

**Notes:** Interventions of this kind are essential in every village in India. This elevates the rural economy and makes the traditional more profitable and sustainable. Students of RGUKT are enthusiastic of covering many other villages in the State in the near future.

## **2.Design and development of seed sowing machine for the farmers:**

**Objectives of the Practice:** To sensitize the students to the culture of innovation and entrepreneurship.

**Context:** The students were motivated to automate the process of the labour intensive seed sowing process in the farms in Nizamabad District. Shortage of agricultural labour coupled with non-standard practice of seed sowing necessitated the innovation.

**Practice:** After a detailed study of process of seed sowing, the students developed the idea of the multi-purpose machine to assist in ploughing the land and planting the seeds simultaneously. The machine was modeled using locally available tools and parts.

**Evidence of success:** The farmers in Nizamabad are currently using the multi-purpose machine for ploughing and planting the seeds in the large crop areas, which is readily available and cost effective. They are saving time and have improved the farm produce.

**Problems encountered:** The design of the machine was complex in view of the multiple operations.

**Notes:** Interventions of this kind are essential in every village in India. This elevates the rural economy and makes the traditional more profitable and sustainable. Students of RGUKT are enthusiastic of covering many other villages in the State in the near future.

## **BEST PRACTICE -2**

**Title:** Career development for students at RGUKT

**Objective:** Development of rural youth into holistic professionals in the industry.

**Context:** Students of RGUKT hail mostly from non-urban and rural background. Their way of life, body language and communication skills are not readily suitable to pursue career in the industry.

**Practice:** Personality correction and training modules are provided in all 4 years of the under graduate program. Training modules are in the areas of psychology including psychological interventions, behavior training, communication abilities in English, and formal training in facing interviews. This is an exhaustive training that transforms the abilities of the students.

**Evidence of success:** The success is evidenced by the larger number of students succeeding in the

interviews conducted by the various employers during the campus recruitment drives.

**Problems encountered:** Students attending the RGUKT are from varied background, and bringing them to a uniform level of competence has been a challenge. In many cases students were divided into smaller groups and individual issues were addressed.

**Notes:** This training program is now standardized and is available for repetitive introduction year after year and is hence sustainable.

### 7.3 Institutional Distinctiveness

#### 7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

**Response:**

The Distinctiveness of the vision of the university is to transform rural students into the high caliber professionals in the industry

This objective is attained by admitting rural meritorious students. A deprivation score 0.4 CGPA prescribed by the state government under statute 13(3) shall be added to the 10th class GPA of those applicants who studied in non-residential government schools including the Zillaparishad and municipal Schools with an objective of providing weightage to socio economically challenged students in the admission process.

Students are admitted into pre-university courses, thereby giving them opportunity to learn in the university for 6 years integrated B.Tech programme.

The rural students are provided with free education, free hostel, free food, free uniform and free laptops. Excellent infrastructure for Study and experimentation. The students exposed to latest technologies during their study.

They are exposed to industry practices through project trainings and internships. All through the study in the university they are given training in behaviour aspects and English communication.

Students are encouraged to be very innovative and construct their own models and processors.

Entrepreneurship training is provided for students to start their ventures. Students are trained to help the local communities in terms of upgrading the skills of youth in the local communities like training in English communications and computer skills.

Students are encouraged to provide solutions to the local problems sowing machines for farmers and drones for fertilizers spraying in farms.

Alumni are engaged to help the students in the process of meritorious entrepreneur training

All these lead to employment of the students in the industry in respectable positions

Thus the students are transformed into high caliber professional for the industry.

NAAC



## 5. CONCLUSION

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### **Additional Information :**

First ICT based technical univeristy in india.

All laboratory equipments are on par with national reputed institutes.

Fully Automated Digital library works around the clock.

All the adminstrative procedures are made online

### **Concluding Remarks :**

- RGUKT deserves all encouragement. The University stands out as a model Government University for several other states. The inclusiveness in admissions, relevant and high quality professional offerings, its intensive study programs, and the respect it has won from the industry are unique and worth emulation.
- The University's motto is transformation - transformation of the rural youth into able professionals for the industry. Also transformation of the rural areas using technologies and training provided by the students of the University to the rural population. The University is effectively doing these.
- RGUKT is 100% non-commercial. It provides free education + facilities on par with the best of the technical institutions in the country.
- RGUKT maintains a highly motivated team of faculty members and equally charged students. These faculty and students are capable of high achievement and will be of immense use to the country. There is large scope for the University to engage in research in relevant disciplines and also serve the local industry. The University has bright future in the coming years for ranking among the best of the institutions in India.