



## YEARLY STATUS REPORT - 2022-2023

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	<b>TEEGALA KRISHNA REDDY ENGINEERING COLLEGE</b>
• Name of the Head of the institution	<b>Dr. K Venkata Murali Mohan</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>04029551158</b>
• Mobile no	<b>9393959597</b>
• Registered e-mail	<b>tkrec@rediffmail.com</b>
• Alternate e-mail	<b>principal@tkrec.ac.in</b>
• Address	<b>Medbowli, Meerpet, Saroornagar</b>
• City/Town	<b>HYDERABAD</b>
• State/UT	<b>Telangana</b>
• Pin Code	<b>500097</b>
<b>2.Institutional status</b>	
• Affiliated /Constituent	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>

• Financial Status	Self-financing				
• Name of the Affiliating University	Jawaharlal Nehru Technological University, Hyderabad				
• Name of the IQAC Coordinator	Dr. R. Shankar				
• Phone No.	9943951006				
• Alternate phone No.	09443574969				
• Mobile	9393959597				
• IQAC e-mail address	iqac@tkrec.ac.in				
• Alternate Email address	dr.shankarr@tkrec.ac.in				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://tkrec.ac.in/">https://tkrec.ac.in/</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://tkrec.ac.in/academicregulations-2/">https://tkrec.ac.in/academicregulations-2/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.23	2019	28/03/2019	27/03/2024
<b>6.Date of Establishment of IQAC</b>			08/05/2015		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	4	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	No	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
1. Faculty members have been encouraged to enhance their skills through participation in faculty development programs, workshops, and academic training offered by reputable organizations.		
2. Internship programs in various organizations have been attended by students from all branches.		
3. Entrepreneurship-related workshops and career awareness programs have been organized by EDC.		
4. Workshops and seminars are organized		
5. Students are encouraged to engage in various events and competitions, such as Smart India Hackathon.		
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		

Plan of Action	Achievements/Outcomes
Academic and Administrative Audits	Assessing teaching learning process based on curriculum planning
Orientation Programmes	Orientation programme for first year students which helps the students to get adapted with campus life, curriculum and administrative procedures
Journal Publications	More focus on Scopus journal publications in this current Academic Year.
Patents by IPR	Faculties applied for patents and published in this academic year
NIRF Registration	Data collection and updating the institute details for NIRF ranking

**13. Whether the AQAR was placed before statutory body?**

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	09/01/2023

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
Nil	Nil

**15. Multidisciplinary / interdisciplinary**

Multidisciplinary courses are accessible, allowing students the freedom to choose their subjects in the final year.

The encouragement of interdisciplinary projects is aimed at addressing societal issues.

<b>16.Academic bank of credits (ABC):</b>
Adhered to Jawaharlal Nehru Technological University, Hyderabad during the Academic Year 2022-2023 for the Academic Bank of Credits.
<b>17.Skill development:</b>
Skill development programs were organized in both online and offline modes.
<b>18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)</b>
Diverse cultural events, including Batukama, were celebrated at TKRES to enhance students' awareness of cross-cultural experiences.
<b>19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):</b>
All departments are dedicated to implementing outcome-based education by engaging in multidisciplinary mini and major projects aimed at addressing societal issues. This approach motivates students to pursue entrepreneurship or opt for higher studies.
<b>20.Distance education/online education:</b>
Based on necessity, online education is being implemented.

## Extended Profile

### 1.Programme

1.1 518

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

File Description	Documents
Data Template	<a href="#">View File</a>

## 2.Student

2.1 3161

Number of students during the year

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

2.2 172

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 800

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

## 3.Academic

3.1 207

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 215

Number of sanctioned posts during the year

## Extended Profile

### 1. Programme

1.1	<b>518</b>
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2. Student

2.1	<b>3161</b>
Number of students during the year	

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

2.2	<b>172</b>
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	<b>800</b>
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 3. Academic

3.1	<b>207</b>
Number of full time teachers during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

3.2	215
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

<b>4.Institution</b>	
4.1	64
Total number of Classrooms and Seminar halls	
4.2	84697383
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	995
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

Faculty members are allocated subjects based on their expertise and preferences. Course study materials, such as lecture notes, question banks, and lab manuals, are created by the faculty members, emphasizing outcome-based education and Bloom's Taxonomy. Students receive hard copies of the question bank and lab manual. Timetables for theory, tutorial, and practical classes are prepared in advance each semester according to the curriculum credits. Curriculum delivery follows proven approaches and adheres to academic schedules. Faculty members create lesson plans detailing the hourly method of course delivery for all subjects. The quality of course delivery is regularly monitored through student feedback, unit-wise syllabus coverage, and deviations from the lesson plan. Department heads and institutes review practical classes. Special classes are organized for any missed days or additional support needed by students. Value addition courses related to subjects provide hands-on experience, and special coaching is offered to slow learners. Additionally, all processes



are documented regularly.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

A semesterly academic calendar is established, encompassing the schedule for working days and internal assessment examinations.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	No File Uploaded
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

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

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

8

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	No File Uploaded

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

0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	No File Uploaded

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

0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

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

Teegala Krishna Reddy Engineering College's curriculum seamlessly incorporates cross-cutting issues related to gender, environment, sustainability, human values, and professional ethics. This

approach fosters a robust value-based holistic development of students, complemented by various activities organized throughout the year as an integral part of the curriculum.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

12

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	No File Uploaded

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

801

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

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

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

**1.4.2 - Feedback process of the Institution may be classified as follows**

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

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

**TEACHING-LEARNING AND EVALUATION****2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**909**

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

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

416

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

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

All students must attend a counseling session when they start at the college before filling out certain forms. The college checks how well students are learning in two ways when classes begin. It looks at students' scores from their previous studies and also gives them a test. This helps identify students who might need extra help and those who are doing well. Teachers in each class also give feedback based on watching students and giving them small tests.

There are many different assignments and tests throughout the year, like homework, class assignments, seminars, quizzes, and more. These help the college understand how well students are learning. Teachers and committees regularly check on students' progress and talk to them to help them do better in their studies. There are also special sessions to encourage a positive attitude and a desire to do well. This whole process helps keep track of how students are doing and helps them improve.

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

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

Number of Students	Number of Teachers
3696	206

File Description	Documents
Any additional information	No File Uploaded

### 2.3 - Teaching- Learning Process

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

At TKREC, the teaching approach revolves around making education student-centered. This method aims to change students from passive recipients to active participants, boosting their confidence and independence. In a student-centric class, it's recognized that students have different abilities to understand and learn. Unlike a teacher-centered class, where everyone is expected to learn the same way, here, the teacher helps each student learn at their own pace. This is done by involving students in class activities, allowing them to comprehend and grasp information based on their individual understanding.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

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

At TKREC, we embrace ICT-enabled teaching alongside traditional classroom methods. All classrooms and labs are equipped with projectors, and the campus has a high-speed wifi connection. During the lockdown, teaching shifted entirely to an online mode. Faculty members utilized various ICT tools to enhance the quality of teaching and learning. Platforms like Google Meet or Zoom were used for tests and lectures, employing interactive methods such as animated PowerPoint presentations, video clips, and online resources from NPTEL, Coursera, and YouTube links.

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

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

#### 2.3.3.1 - Number of mentors

200

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

### 2.4 - Teacher Profile and Quality

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

206

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

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

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

31

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

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

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

1750

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

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

TKREC has a clear and strong evaluation process regarding how often and in what way assessments are conducted. To maintain transparency in internal assessment, the assessment system is shared with students in advance. Continuous evaluation takes place for students enrolled in a course through various methods at both the college and university levels. This includes Unit Tests, Assignment submissions, Field visits/Field Work, and Seminars Presentation. Students' performance is regularly updated in the MIS portal for access by all stakeholders. Personal guidance is provided to students who perform poorly in assessments.

For students in their second or third year, delivering seminars on the subject is a requirement. Teachers assign topics for PowerPoint presentations to ensure transparency and robustness in internal assessment. The process involves an Internal Examination Committee, Question Paper Setting, Exam Conduct, Result posting in the MIS portal, and interactions with students about their



internal assessment. This method helps faculty assess students more accurately, and as a result of internal assessment, students have shown increased interest in learning and attending classes.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

- **Departmental Level:** Faculty members conduct continuous evaluations of students in theory lectures, labs, assignments, and unit tests. Midterm marks are assigned based on established strategies, and any queries are addressed through discussions with faculty and the Head of the Department (HOD).
- **College Level:** The Institute designates a Senior Supervisor for the smooth conduct of JNTU examinations. Grievances arising during online or theory examinations are considered and discussed, and if necessary, they are forwarded to the university through the examination section in consultation with the principal.
- **Redressal of grievances at the University level:** Queries related to results, corrections in mark sheets, and other certificates issued by the university are managed at the JNTU examination section. These queries are forwarded through the college examination section for resolution.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

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

All departments have clearly defined the learning outcomes for both the overall program and individual courses offered. Hard copies of syllabi and learning outcomes are readily available in the departments for faculty and student reference. Additionally, soft copies of the curriculum and learning outcomes for the program and courses are uploaded on the college website for easy access.

The significance of learning outcomes is communicated to faculty members during department meetings at the beginning of each semester. Students are also informed about learning outcomes through the department's induction program. When a course begins, students are introduced to the course outcomes along with the syllabus by the respective course faculties. This ensures that both faculty and students are well-informed about the intended learning goals from the outset.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

The institution evaluates the Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) and formally communicates the results to students. This information is shared through classroom discussions and displayed on the departmental notice board. The assessment of POs, PSOs, and COs has shown a progressive increase in both student strength and passing percentages.

Over the past five years, there has been a consistent and rapid growth in students progressing from Undergraduate to Postgraduate studies. Similarly, the ratio of student placements has been on the rise. The institution is committed to measuring the level of attainment of POs, PSOs, and COs, employing both formal and informal mechanisms for assessment. Feedback from all stakeholders is actively sought and used to implement necessary steps for improvement. This holistic approach ensures ongoing enhancement in the quality of education and student outcomes.

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

### 2.6.3 - Pass percentage of Students during the year

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

567

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

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

<https://tkrec.ac.in/complaint-cell/>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

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

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

0

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

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

#### 3.1.2.1 - Number of teachers recognized as research guides

8

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

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

0

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

## 3.2 - Innovation Ecosystem

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

TKREC has established a conducive ecosystem for Research and Innovation through the recruitment and development of qualified

human resources, taking proactive steps in generating and sharing knowledge, and implementing state-of-the-art infrastructure.

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

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

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

13

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	No File Uploaded
Any additional information	No File Uploaded

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

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

173

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

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

4

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

TKREC organizes numerous extension activities aimed at engaging with the institute's local community and sensitizing students to community needs. Students actively participate in social service activities, contributing to their overall development. The college effectively runs National Service Scheme (NSS) and National Cadet Corps (NCC) units.

Through these units, the college conducts various extension activities within the local community. NSS organizes residential camps in nearby villages, where volunteers address various social issues such as cleanliness, tree plantation, water conservation, social interaction, group discussions, environmental awareness, women empowerment, national integrity, AIDS awareness, blood donation camps, health check-up camps, and more. These initiatives aim to foster a sense of social responsibility and community engagement among the students.

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

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

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

0

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

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

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

12

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

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

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

2527

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

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

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

107

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

#### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate



houses etc. during the year

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

24

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

TKREC is well-equipped with contemporary facilities and learning resources to fulfill its vision and strategic objectives for achieving academic excellence. These facilities are classified into three categories:

(a) Learning Resources: This includes resources and infrastructure essential for the library, laboratories, computer center, classrooms, events, as well as meetings and conferences.

(b) Support Facilities: Encompassing hostels, non-resident students' centers, canteens, convocation halls, seminar halls, committee rooms, dairy, and sports grounds.

(c) Utilities: Ensuring basic necessities such as safe drinking water, restrooms, and power generators.

Classes are scheduled for the optimal utilization of the available physical infrastructure. In laboratories, sophisticated equipment is efficiently utilized without unnecessary duplication, and availability is ensured through judicious time-sharing. Faculties are encouraged to share laboratory facilities, promoting collaboration.

In addition to these, there are central facilities like the Computer Center and Central Library that serve the entire institution. These resources collectively contribute to creating an environment conducive to academic excellence at TKREC.

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

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

TKREC is well-equipped with ample facilities for sports and games, both indoor and outdoor. Additionally, the campus features a gymnasium, a yoga center, and provisions for cultural activities, ensuring a well-rounded environment for students' physical fitness, wellness, and cultural pursuits.

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

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

27

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)****10317600**

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource****4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The library at TKREC is fully automated through the use of the Integrated Library Management System (ILMS) known as NewGenLib. This automation encompasses all aspects of library functions, providing efficient and comprehensive management. The current version of the ILMS in operation is 2.0, and the library has been successfully automated since the year 2011.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources****A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

1,20,000.00

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)****4.2.4.1 - Number of teachers and students using library per day over last one year**

600

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

**4.3 - IT Infrastructure****4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

TKREC boasts various digital technological facilities, offering open access to Wi-Fi connectivity for all students and staff members. Each department is equipped with computers and related accessories. Teaching staff regularly incorporate Information and Communication Technology (ICT) in classrooms and laboratories as needed. Digital devices are utilized to introduce students to different educational sites, enhancing their learning experience. Additionally, a significant portion of official work is efficiently carried out with the assistance of ICT.

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

#### 4.3.2 - Number of Computers

995

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

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

#### 4.4 - Maintenance of Campus Infrastructure

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

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

22722261

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

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.

TKREC has a well-established policy and system for the upkeep and utilization of both its physical and academic facilities. With the classroom serving as the primary workspace, it is managed through systematic procedures. External housekeeping services are employed to ensure campus cleanliness. The college website is regularly maintained and updated to provide current information. Each laboratory features displayed general instructions for students to follow safe and secure practices.

The library operates with defined mechanisms to identify purchases based on the courses offered, ensuring adequate facilities for students and staff. The sports committee oversees the maintenance of the sports ground and equipment, organizing various competitions at intra and intercollegiate levels. Students are actively encouraged to participate in these competitions for holistic development, with appointed coaches for events with substantial student representation.

The celebration of International Yoga Day has become a regular occurrence, drawing the participation of many students and staff. The maintenance of computers, both hardware and software, along with the updating of administrative software, is systematically carried out for overall campus infrastructure maintenance. External housekeeping services are also engaged to uphold cleanliness across the campus.

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

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

2050

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

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

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

100

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

180

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

180

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

A. All of the above

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

**5.2 - Student Progression****5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**



219

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

**5.2.2 - Number of students progressing to higher education during the year****5.2.2.1 - Number of outgoing student progression to higher education**

70

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

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

25

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

**5.3 - Student Participation and Activities**

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

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

4

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

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

At TKREC, students are provided with opportunities to engage in administrative, co-curricular, and extracurricular activities by including them as members of various committees. They actively participate in committee meetings. The following is a list of committees with student representation and engagement:

1. Class Committee
2. Department Association Committee
3. Sports Committee
4. Cultural Committee
5. Internal Quality Assurance Cell
6. Anti-Ragging Committee
7. Anti-Sexual Harassment Committee
8. Grievance Redressal Committee

This inclusive approach ensures that students have a voice in various aspects of the college's functioning and contribute actively to its overall development and well-being.

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

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

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

35

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

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

The Alumni Association at TKREC serves as a platform for connecting alumni, staff, and current students. The proud alumni, now positioned globally, showcase their capabilities in diverse fields. The Alumni Association contributes in several ways, including book donations, alumni interactions, assistance in placement and career guidance, involvement in campus recruiting, providing summer internship opportunities, promoting entrepreneurship awareness, organizing alumni meets, and supporting institute events and social responsibility initiatives. This active engagement enhances the connection between alumni and the institute, fostering a sense of community and mutual support.

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

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

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The governance of Teegala Krishna Reddy Engineering College aligns closely with the vision and mission of the college, which are as follows:

**Vision:** Imparting knowledge and instilling skills in aspiring students in the fields of Engineering, Technology, Science, and Management to address the emerging challenges of society.

**Mission:** Encouraging scholarly activities that transfer knowledge in the areas of Engineering, Technology, Science, and Management. Ensuring that students, at all levels, are well-trained to meet the needs of education and their future endeavors. Inculcating human values and ethics into the education system for the all-round development of the students.

The empowered team responsible for governance includes the Principal, convener of various committees, teaching staff, Internal Quality Assurance Cell (IQAC) committee, non-teaching and supporting staff, student's union, student representative (C.R.), stakeholders, alumni, and the local management committee. The principal oversees the administration and academic processes, ensuring the proper implementation of the college's policies, rules, and action plans.

To support the vision and mission, numerous committees are in

place, such as the Examination cell, NSS, NCC, YRC, career and counseling cell, library and sports, cultural and literacy, internal examination, anti-ragging, college magazine, disciplinary, scholarship, grievance redressal, among others. These committees work collaboratively to uphold the college's goals and values.

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

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

Teegala Krishna Reddy Engineering College, promotes and implements decentralization in both academic and administrative activities. The institute has established various academic and administrative committees to oversee, plan, and execute the seamless functioning of activities. The Board of Governance comprises industry experts, eminent educationists, representatives of statutory bodies, the Principal, and other faculty members responsible for planning and policy development, institutional budgeting, academic and research growth, and other extension activities.

The College Development Committee, consisting of representatives from management, the principal, students, HOD, faculty, staff members, industry experts, and alumni, is formed to address the college's development plan. This encompasses academic, administrative, and infrastructural growth, as well as the addition of curricular, co-curricular, and extracurricular activities.

The Principal directs department heads to prepare annual departmental budgets, and operational autonomy is granted to the departments. Each Head of Department (HOD) compiles a consolidated report, submitting it to the Principal for approval. The Principal then consolidates the requirements from all departments and forwards them to the management for approval. Once approved, the

institute receives the sanctioned budget from the management for implementation.

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

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Teegala Krishna Reddy Engineering College (TKREC) articulates its quality policy through its vision and mission statements. The institute employs effective deployment of perspective plans in the following areas:

### 1. Developing Competencies:

- Strategy to cultivate competencies aligning with the dynamic needs of the industry and society.
- Strategy to empower faculty, staff, and aspiring engineers with essential technical knowledge and skills.

### 2. Inculcating Social and Ethical Values:

- Implementation of strategies aimed at instilling social and ethical values among students.

### 3. Green Initiatives on Campus:

- Strategy to implement environmentally friendly initiatives, contributing to sustainability and a green campus.

### 4. Improving Placement Activities:

- Development of strategies focused on enhancing and optimizing placement activities to benefit students.

These strategies collectively reflect TKREC's commitment to

quality education, social responsibility, environmental sustainability, and continuous improvement in meeting the evolving needs of students, industry, and society.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

A well-defined hierarchical structure is established at Teegala Krishna Reddy Engineering College (TKREC), delineating duties, responsibilities, accountability, and authorities at every level. The overall structure of the Institutional Management is categorized into "ACADEMICS" and "ADMINISTRATION," with a focus on establishing an effective administrative system that considers all stakeholders, particularly students.

The institution is governed by a Governing Body, serving as the policy-making body. This body convenes frequently to discuss agendas prepared by the Principal, review the institution's performance, approve policy decisions, and deliberate on new proposals.

TKREC also has an Internal Quality Assurance Cell (IQAC), responsible for establishing quality parameters for various academic and administrative activities. The IQAC monitors the organization of classwork and related academic activities, ensuring adherence to set quality standards.

The institution has its own service rules, policies, and procedures to facilitate effective functioning. The recruitment of faculty and supporting staff follows specific guidelines: faculty recruitment adheres to the guidelines of the university and AICTE, and selected candidates undergo a university ratification process. Supporting staff are recruited by a panel consisting of Heads of Departments, the Principal, and the Chairman. This comprehensive approach ensures a well-structured and governed environment at TKREC.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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

B. Any 3 of the above

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

## 6.3 - Faculty Empowerment Strategies

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

Teegala Krishna Reddy Engineering College has implemented effective welfare measures for both teaching and non-teaching staff, fostering a supportive work environment. These measures include:

### 1. Health Insurance:

- Comprehensive health insurance coverage is provided for the well-being of the staff.

### 2. Gym Access:

- Staff members have access to the gym, promoting a healthy lifestyle.



**3. Transport at Reasonable Cost:**

- Affordable transport facilities are available for staff members.

**4. Concessions for Ward's Fees:**

- Employees receive fee concessions for their children's education.

**5. Multicultural Celebrations:**

- The institution celebrates diverse festivals, fostering a multicultural environment on campus.

**6. Sponsorships for Conferences:**

- Staff members receive sponsorships to attend and present papers at conferences.

**7. Food Centers:**

- Various food centers around the campus cater to staff during working and extended hours.

**8. Internet and Wi-Fi Facilities:**

- Staff members enjoy internet and free Wi-Fi facilities on campus.

**9. Individual Cabins and Systems:**

- Faculty members are provided with individual cabins and systems for a conducive work atmosphere.

**10. Vacations:**

- Faculty members are granted summer and winter vacations.

**11. Biometric Attendance and Leave System:**

- Automation of attendance and leave is implemented using a biometric system.

**12. Research Incentive Scheme:**

- Faculty members engaged in quality research receive recognition and incentives annually.

**13. Financial Assistance for Higher Education:**

- Financial aid is extended to needy students for pursuing higher education within the institution.

**14. Equal Treatment for All Staff:**

- All staff members are treated equally in obtaining benefits from the institution.

In summary, TKREC strives to prioritize the well-being and satisfaction of its staff, creating a conducive and supportive work environment.

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

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

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

32

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

10

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

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

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

333

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

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

Teegala Krishna Reddy Engineering College follows a comprehensive assessment system for both teaching and non-teaching staff:

#### Teaching Staff: a) Performance Assessment:

- Faculty members undergo an annual self-assessment using the Performance-Based Appraisal System (PBAS).

#### b) Additional Duties and Responsibilities:

- Faculty members voluntarily take on additional duties and responsibilities beyond academics, with appropriate weightage given to these contributions in their overall assessment.

#### c) Verification Process:

- The PBAS proforma filled by faculty members is checked and verified by Heads of Departments, followed by the Dean and Principal.

#### d) Promotions:

- Faculty members eligible for promotion are recommended based on their Academic Performance Indicator (API) score and appear before the screening-cum-selection committee.

#### Non-Teaching Staff:

- All non-teaching staff undergo assessment through annual confidential reports and annual performance appraisals.

**Assessment Parameters for Non-Teaching Staff:**

- Various parameters are considered, including Character and Habits, Departmental Abilities, Capacity for Hard Work, Discipline, Reliability, Relations/Cooperation with superiors, subordinates, colleagues, students, and the public, Power of Drafting (where applicable), efficient organization of documents, and technical abilities.

**Grading System:**

- Each parameter is graded on a seven-point scale. The overall assessment is based on the cumulative grade by the Reporting Officer/Head of Department, which is then forwarded to the Principal.

This robust assessment system ensures a comprehensive evaluation of both teaching and non-teaching staff at TKREC, contributing to their professional growth and development.

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

**6.4 - Financial Management and Resource Mobilization**

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

TKREC has instituted a comprehensive mechanism to conduct both internal and external audits of its financial transactions annually. This rigorous auditing process is in place to ensure strict financial compliance and accountability within the institution.

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

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

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

0

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

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

Teegala Krishna Reddy Engineering College adheres to a well-structured process for the mobilization of funds and resources, involving multiple committees within the institute, Department Heads, and the Accounts office. The institution has established specific rules governing the usage of funds and the utilization of resources.

In terms of fund mobilization, the student tuition fee constitutes a significant portion of the institute's income. Additionally, TKREC actively seeks sponsorships from individuals and corporate entities to support cultural events and fests, diversifying its sources of funding. This strategic approach ensures financial sustainability and effective resource allocation within the institution.

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

## 6.5 - Internal Quality Assurance System

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

Teegala Krishna Reddy Engineering College (TKREC) has implemented the following two quality initiatives through its Internal Quality Assurance Cell (IQAC):

### 1. Feedback System:

- TKREC utilizes an online pro forma for student feedback to systematically gather information from students. This feedback covers various aspects, including the courses of study, their objectives, the relevance of the curriculum, availability of learning resources, and the effectiveness of teaching methodology, among other factors.

### 2. Display and Discussion of Answer Scripts:

- To enhance the quality of teaching, learning, and transparency in the evaluation process, TKREC has introduced a system of displaying answer scripts/booklets. Following each semester examination, the institution conducts discussions on the answer scripts with the students. This initiative aims to promote meaningful learning, providing students with insights into their performance and facilitating constructive discussions for improvement.

These initiatives underscore TKREC's commitment to continuous improvement, student engagement, and transparency in the evaluation process, contributing to the overall enhancement of the quality of education provided at the institution.

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

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

Teegala Krishna Reddy Engineering College (TKREC) through its Internal Quality Assurance Cell (IQAC) consistently reviews and takes measures to enhance the quality of the teaching-learning process. The institution adheres to a well-structured Academic Calendar, prepared in advance, displayed, and circulated throughout the Institute, which is strictly followed.

The Academic Calendar serves as a comprehensive guide, notifying important events such as admissions to various programs, schedules for summer, winter, and mid-term vacations, examination timelines, and the declaration of results. This ensures transparency and enables students and faculty to plan their academic activities effectively.

TKREC also emphasizes the importance of the Orientation Programme for newly admitted students. During this program, students are familiarized with the philosophy and uniqueness of the education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, as well as the discipline and culture of the Institute. This proactive approach contributes to a smooth transition for students into the academic environment and aligns them with the principles and expectations of the institution.

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

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for**

A. All of the above



**improvements Collaborative quality initiatives with other institution(s)  
Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

Teegala Krishna Reddy Engineering College (TKREC) is committed to promoting gender equality and ensuring a safe environment for all. To achieve this, the institution has established a Women's Protection/Sexual Harassment Committee. This committee is dedicated to upholding gender equality, as guaranteed by Article 15 of the Indian Constitution. The initiative aims to broaden outreach to create an inclusive environment that fosters equal treatment for both boys and girls.

To improve the well-being of female students and achieve long-term social change, TKREC focuses on creating positive social norms in educational institutions that value and respect the rights of girls.

The procedure and mechanism for redressal of grievances for female students or women employees (academic/non-academic) are as follows:

#### **1. Lodging a Complaint:**

- Any aggrieved female student or women employee (academic/non-academic) with grievances can make a

written complaint or personally approach any member of the Committee.

**2. Confidentiality Assurance:**

- The committee ensures complete confidentiality and assures the aggrieved person that their details will be kept strictly confidential.

**3. Action and Communication:**

- The committee takes appropriate action, and the final decision is communicated to the student or women employee. This process underscores TKREC's commitment to addressing grievances promptly and ensuring a safe and supportive environment for all.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**A. 4 or All of the above**

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

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

Teegala Krishna Reddy Engineering College is actively engaged in environmental sustainability through various waste management and renewable energy initiatives. The institution is committed to responsible practices in the following areas:

**1. E-waste Management:**

- TKREC has implemented effective e-waste management practices to ensure the proper disposal and recycling of electronic waste, minimizing its environmental impact.

**2. Waste Recycling System:**

- The institution has established a waste recycling system, promoting the efficient reuse and recycling of materials to reduce the overall environmental footprint.

**3. Hazardous Chemicals and Radioactive Waste Management:**

- TKREC has robust systems in place for the proper management and disposal of hazardous chemicals and radioactive waste, ensuring compliance with safety and environmental regulations.

In addition to waste management initiatives, TKREC has invested in renewable energy infrastructure:

**Solar Power Plant:**

- The institute has secured approval for a 250 kW solar rooftop Solar Photovoltaic (SPV) Generator from the Southern Power Distribution Company of Telangana Ltd (TSSPDCL). The project received sanction under SRT No: 03/Dt:22/03/2018.
- A portion of the required funds for the solar power plant has been paid from the resources of the TKR Society.

These initiatives underscore TKREC's commitment to sustainable and eco-friendly practices, contributing to environmental conservation and the use of renewable energy sources.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	No File Uploaded
<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<b>A. Any 4 or all of the above</b>
File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded
<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3.Pedestrian-friendly pathways</b></li> <li><b>4.Ban on use of plastic</b></li> <li><b>5.Landscaping</b></li> </ol>	<b>A. Any 4 or All of the above</b>
File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and</b>	<b>A. Any 4 or all of the above</b>

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

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

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

**B. Any 3 of the above**

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

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

Teegala Krishna Reddy Engineering College (TKREC) actively fosters an inclusive environment through a range of initiatives aimed at promoting tolerance and harmony across cultural, regional, linguistic, communal, socio-economic, and other diversities. The institution has implemented various programs to sensitize students about the significance of communal harmony, national integration, and fraternity. Some of these initiatives include:

#### 1. Cultural Celebrations:

- Programs such as Bathukama, celebrating regional cultural traditions, contribute to cultural diversity awareness.

#### 2. Social Outreach:

- Blood donation camps are organized, encouraging students to participate in socially responsible activities and emphasizing the importance of unity for a common cause.

#### 3. National Celebrations:

- TKREC actively engages in celebrating national events such as Independence Day and Republic Day. These celebrations play a crucial role in instilling a sense of patriotism and national pride among students.

These initiatives collectively contribute to creating an inclusive and harmonious environment within the institution. TKREC's commitment to promoting diversity and unity reflects its dedication to nurturing well-rounded individuals who appreciate and respect various aspects of our diverse society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations:

values, rights, duties and responsibilities of citizens

Teegala Krishna Reddy Engineering College (TKREC) is committed to providing holistic education, and a key aspect of this is sensitizing students to constitutional rights, values, duties, and responsibilities. The institute employs various means to impart this essential education to its students and employees.

**Integration into Curriculum:**

- The curriculum is designed to include subjects that address and sensitize students about constitutional obligations. This ensures that the learning experience extends beyond technical knowledge, fostering a well-rounded understanding of civic responsibilities.

**Extracurricular Initiatives:**

- TKREC's Institute Innovation Council (IIC) plays a crucial role in educating women about their rights through regular programs. These initiatives contribute to creating awareness and empowering individuals with knowledge about their constitutional entitlements.

**National Importance Days:**

- Seminars and workshops are conducted on days of national importance to focus on various rights and duties. Topics such as the Right to Information, Sexual harassment, responsibilities of citizens, and Gender Equity are periodically addressed to enhance awareness and understanding.

TKREC's multifaceted approach, including both academic and extracurricular avenues, ensures that students are well-informed and socially responsible, equipped with the knowledge and values needed to contribute positively to society.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

<p><b>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. 4. Annual awareness programmes on Code of Conduct are organized.</b></p>	<p><b>A. All of the above</b></p>
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File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p>
<p>Teegala Krishna Reddy Engineering College (TKREC) annually commemorates significant national and international days, although this year, due to the challenges posed by Covid-19, the celebrations were organized in a condensed manner. Here are the details of the programs:</p> <ol style="list-style-type: none"> <li>1. Republic Day and Independence Day: <ul style="list-style-type: none"> <li>◦ The institute traditionally observes Republic Day on January 26th and Independence Day on August 15th. These celebrations emphasize the historical importance of these national days, and the significance is conveyed to the students.</li> </ul> </li> <li>2. National Youth Day - Swami Vivekananda's Birthday: <ul style="list-style-type: none"> <li>◦ National Youth Day, marking the birthday of Swami</li> </ul> </li> </ol>



Vivekananda on January 12th, is commemorated every year. The day is observed to inspire and empower the youth, with the significance of Swami Vivekananda's teachings shared with the students.

**3. Sri Sri Saraswati Puja Celebrations:**

- As part of the celebrations of Sri Sri Saraswati Puja, an annual cultural function is held. This event includes performances by both students and teachers, contributing to the festive atmosphere and cultural vibrancy within the institute.

**4. NSS Cell Initiatives:**

- The National Service Scheme (NSS) cell at TKREC organizes various events annually for the benefit of society. These initiatives involve the active participation of students and staff, contributing to the institution's commitment to social responsibility.

Despite the challenges posed by the pandemic, TKREC continues to uphold its traditions of celebrating these important days, fostering a sense of patriotism, cultural richness, and social responsibility among the students and staff.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

**7.2 - Best Practices**

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

**Best Practice 1 - Engineering Awareness for School Students:**  
Teegala Krishna Reddy Engineering College (TKREC) actively fosters engineering awareness among school students, catering to their

expectations. Recognizing the inherent engineering curiosity in every child, TKREC takes the initiative to introduce them to the world of engineering. This endeavor serves as a crucial step in elevating their aspirations for higher education, paving the way for well-informed career choices. TKREC's commitment to this noble act has sparked a mass movement, guiding school students towards engineering awareness and empowering them to plan their future careers effectively.

**Best Practice 2 - Sports Opportunities Beyond Academics:** TKREC places a strong emphasis on holistic student development, offering ample opportunities for students to maintain a healthy lifestyle through participation in various sports activities. The campus is equipped with state-of-the-art facilities that have propelled many TKREC students to represent various sports teams at different levels. The diverse range of outdoor and indoor sports facilities include:

**Outdoor Facilities:**

1. Cricket Ground (Floodlights) - 1
2. Cricket Practice Nets - 6
3. Volleyball Court (Floodlights) - 1
4. Throwball Court - 1
5. Kabaddi Court - 1
6. Basketball Court - 1
7. Shuttle Badminton Court - 1

**Indoor Facilities:**

1. Table Tennis Boards - 4
2. Billiards Tables - 2
3. Chess Boards - 15
4. Caroms Boards - 9
5. Multi-Purpose Gym - 1

By providing these facilities, TKREC ensures that students have the opportunity not only to excel academically but also to nurture their physical well-being through active participation in sports at various competitive levels.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

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

Teegala Krishna Reddy Engineering College (TKREC) boasts a commendable track record in placements, with our graduates drawing attention from a diverse range of organizations, both in the IT sector and Core Industries. At TKR, we are dedicated to empowering our students with the right skills and personalities that align with industry requirements. Our focus on placements involves innovative approaches to attract the best companies to our campus.

Placement season at TKR is not just a routine annual event; it is a time to showcase the exceptional talents of our young engineers to the industrial world. The Placement Training Cell operates with the primary objective of securing placements for students in top-notch companies even before they complete their courses. The cell goes the extra mile to equip students with the necessary skills and knowledge to meet and exceed the high expectations of the industry.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Teegala Krishna Reddy Engineering College (TKREC) is committed to enhancing the quality of academics, co-curricular, and extracurricular activities, along with a strong focus on faculty development. Aligned with its vision, mission, and core values,

TKREC envisions the following strategies for quality enhancement in the upcoming year:

1. **NBA Accreditation:** Planned efforts to obtain NBA accreditation for remaining departments, strengthening the attained autonomous status to impart academic flexibility in line with recent developments.
2. **Faculty Development:** Continued emphasis on conducting and supporting faculty development activities to enhance the expertise of teaching staff.
3. **Publication Counseling:** Providing guidance to faculty members with limited publications, encouraging them to improve research articles in Web of Science and Scopus-indexed journals with high citation indexes.
4. **Innovation and Skill Development:** Increased focus on fostering innovation and skill development to enhance the employability of students.
5. **Institutional Innovation Cell (IIC):** Encouraging the IIC to organize additional activities, including workshops, guest lectures, innovative idea competitions, and contests, creating platforms for students to showcase their skills actively.
6. **Skill Development Courses:** Encouraging and supporting more students to enroll in online skill development courses (NPTEL, SWAYAM, COURSERA, etc.), internships, and industry-sponsored projects to enhance their interaction with industries.

These strategic initiatives reflect TKREC's ongoing commitment to continuous improvement, innovation, and the holistic development of its academic community.