



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

TEEGALA KRISHNA REDDY ENGINEERING COLLEGE

- Name of the Head of the institution **Dr. K Venkata Murali Mohan**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **04029551158**
- Mobile no **9393959597**
- Registered e-mail **tkrec@rediffmail.com**
- Alternate e-mail **principal@tkrec.ac.in**
- Address **Medbowli, Meerpet, Saroornagar**
- City/Town **HYDERABAD**
- State/UT **Telangana**
- Pin Code **500097**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Urban**

- 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**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://tkrec.ac.in/>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://tkrec.ac.in/academic-regulations-2/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.23	2019	28/03/2019	27/03/2024

6.Date of Establishment of IQAC

08/05/2015

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
0	0	0	0	0

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

9.No. of IQAC meetings held during the year 4

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

1. Workshops and seminars are organised

2. Faculty members have been motivated to update their skills by attending faculty development programs, workshops and academic training in reputed organisations.

3. Students of all the branches have attended internship programmes in various Organisations

4. EDC has organised workshops related to Entrepreneurship, and career awareness programmes.

5. Students are motivated to participate in various events and competitions such as Smart India Hakathtan

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

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

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	06/01/2021

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Designation	Principal
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• Alternate phone No.	09443574969				
• Mobile	9393959597				
• IQAC e-mail address	iqac@tkrec.ac.in				
• Alternate Email address	dr.shankarr@tkrec.ac.in				
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• if yes, whether it is uploaded in the Institutional website Web link:	https://tkrec.ac.in/academic-regulations-2/				
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Cycle 1	A	3.23	2019	28/03/2019	27/03/2024
6.Date of Establishment of IQAC			08/05/2015		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
0	0	0	0	0	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
9.No. of IQAC meetings held during the year			4		
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?			No		

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
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<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Council	06/01/2021
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-2021	31/03/2022
15.Multidisciplinary / interdisciplinary	
<p>Multidisciplinary Courses are available and students have to right to choose their subject in the final year</p> <p>Interdisciplinary projects are encouraged to address the societal issues</p>	

16.Academic bank of credits (ABC):

Followed Jawaharlal Nehru Technological University, Hyderabad in AY 2020-2021 for Academic bank of credits

17.Skill development:

Several skill development programmes were arranged in online and offline mode

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

Various cultural events such as Batukama were celebrated in the TKRES to make the students aware of cross cultures etc.

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

All departments are focusing on outcome-based education by entertaining multidisciplinary mini and major projects towards addressing societal issues, thus students are motivated to become entrepreneurs or opt for their higher studies

20.Distance education/online education:

Online education is followed during the pandemic period

Extended Profile**1.Programme**

1.1	370
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	2442
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	90
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Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
File Description		Documents
Data Template	View File	
2.3 Number of outgoing/ final year students during the year		713
File Description		Documents
Data Template	View File	
3.Academic		
3.1 Number of full time teachers during the year		196
File Description		Documents
Data Template	View File	
3.2 Number of sanctioned posts during the year		190
File Description		Documents
Data Template	View File	
4.Institution		
4.1 Total number of Classrooms and Seminar halls		60
4.2 Total expenditure excluding salary during the year (INR in lakhs)		68926717
4.3 Total number of computers on campus for academic purposes		973

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

Subject allocation to the faculty members is done considering their expertise along with their choice, course study material such as lecture notes, a question bank, and lab manuals are prepared by the concerned faculty members focusing on outcome-based education including Bloom's Taxonomy. Hard copies of the question bank and lab manual are also provided to the students. Timetables are prepared in advance every semester for theory, tutorial and practical classes based on the credits as per the curriculum. Curriculum delivery is carried out in the Institution through proven approaches, following the academic schedules. The lesson plan showing the hourly method of course delivery is prepared for all the subjects by the faculty members. The quality of course delivery by the faculty members is periodically monitored by getting feedback from the students, unit wise syllabus coverage and deviations from the lesson plan including practical classes will be reviewed by the head of the departments and institutes. Special classes are arranged in case of any loss of working days or students requiring more practice. Courses for value addition related to the subjects are conducted for the students to facilitate hands-on experience on concepts learnt in the classroom sessions, special coaching is provided for the slow learners identified. Moreover, all the above 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)

An academic calendar covering working days schedule, internal assessment examinations etc., is prepared every semester.

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

6

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, curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as 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	View File

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

712

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://tkrec.ac.in/complaint-cell/
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	https://tkrec.ac.in/complaint-cell/

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

493

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

297

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

All the students have to attend a compulsory counselling session on admission before filling out the combination form. The institution assesses the learning levels of the students in two ways at the time of the commencement of the classes. Students enrolled in various disciplines are identified as slow and advanced learners based on their +2 marks and the entry-level test conducted by each department. This helps to identify the slow learners and to design special coaching sessions or tutorial sessions to bridge the gap between the slow learners and the advanced learners. The mentors of the respective classes extend valid support in classifying the students with reports based on observation and class tests. Moreover, the wide range of continuous assessment components that include, Daily Home Assignments, Class Assignments, Seminars and Group Discussions, Additional Assignments, Quizzes, Class Tests, Projects, Internships, Viva-voce examinations and attendance, enable effective assessment of the learning levels of students. In addition, teacher-student interactions, reports of Class Committees and Proctorial meetings also help in the identification of different levels of learners. Faculty members and various Committees regularly review the academic progress and counsel students to improve their performance to ensure their academic growth. Apart from this, sessions are also included to inculcate a positive attitude and competitive spirit. This process helps as a base for monitoring the future progress of the students.

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
2442	192

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

TKREC practices a teaching methodology which focuses on imparting education through a student-centric approach. This methodology helps to transform students from being relegated to the role of passive recipients to active and involved stakeholders, apart from boosting their confidence and encouraging independence. Since students vary in their ability to comprehend and absorb it is not possible to address the needs and expectations of individual students and expect a uniform learning outcome from them all in a teacher-centric class. The teacher facilitates learning by allowing each individual student to comprehend at their personal level by ensuring their involvement in class activities so that they can absorb and grasp information at their own pace.

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

ICT-enabled teaching is followed in addition to traditional classroom education. All the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high-speed wifi connection. Due to the lockdown, teaching was fully conducted in an online mode. The faculty used various ICT-enabled tools to enhance the quality of teaching-learning: The faculty members used Google meet or Zoom to conduct tests and for lecture delivery. Also used many interactive methods for effective teaching such as PPT with animations, Video clippings, Use of online resources from NPTEL, Coursera, 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

175

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

192

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
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

25

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)	View File

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

2.4.3.1 - Total experience of full-time teachers

1,728

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

TKREC has a transparent and robust evaluation process in terms of frequency and mode. To ensure transparency in internal assessment, the system of internal assessment is communicated with the students in advance. Students who are admitted for the concerned course are assessed continuously through various evaluation processes at the college and University levels. Continuous evaluation is made through Unit Tests, Assignment submissions, Field visits / Field Work and Seminars Presentation. The performance of the students is posted in the MIS portal to be accessed by all stakeholders. Personal guidance is given to the poor-performing students after their assessment. Students appearing for the Second /third year are asked to deliver seminars on the concerned subject. Topics are given by their teachers to the students to prepare for PowerPoint presentations. For transparency and robustness of internal assessment, the following mechanisms are conducted

- Internal Examination Committee.
- Question Paper Setting.
- Conduct of Examination
- Result posting

in MIS portal • Interaction with students regarding their internal assessment. The method of internal assessment helps the faculty to evaluate the students more appropriately. Due to internal assessment, the interest of the student towards learning and attending the classes has also increased.

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:** The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, and unit tests. The midterm marks are allotted based on defined strategies. Query if any is discussed with faculty and HOD.

* **College Level:** The Institute appoints a Senior Supervisor for the smooth conduction of examinations of JNTU. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the principal and if necessary, forwarded to the university by examination section.

* **Redressal of grievances at the University level:** The queries related to results, corrections in mark sheets, and other certificates issued by the university are handled at the JNTU examination section after forwarding such queries through the college examination section.

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 stated the learning outcomes of the Programme and all the Courses offered by the department. Hard copies of syllabi and Learning Outcomes are available in the

departments for ready reference to the faculties and students. Soft Copies of the Curriculum and Learning Outcomes of the Programme and Courses are also uploaded on the website of the college for reference. The importance of the learning outcomes has been communicated to the faculties in the department meetings at the start of the semesters. The students are also made aware of the same through the induction programme of the department. At the beginning of a course along with the syllabus, students are made aware of the outcome of the course by the respective course faculties.

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 Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution and the same is communicated to the students in a formal way through the discussion in the classroom and on the departmental notice board. After measuring the attainment of POs, PSOs and COs, it has been observed that the strength of the students as well as the passing percentage of the students is increasing progressively. Besides, students' progression to higher studies that is from Under Graduate to Post Graduate seems to be increasing consistently and rapidly in the last five years. In a similar way, the ratio of students' placement is also increasing. Utmost care is taken for measuring the level of attainment of POs, PSOs and COs and followed formal as well as informal mechanisms for the measurement of attainment of the outcomes. Feedback from all the stakeholders is taken in this respect and to take necessary steps accordingly.

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

435

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	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**

2

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	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 created an ecosystem for Research and Innovation by (i) recruiting and developing desirable human resources, (ii) taking initiative for the creation and dissemination of knowledge and (iii) establishing 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

5

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)	View File

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	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**

44

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

5

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

TKREC organizes a number of extension activities to promote the institute's neighbourhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme and National Cadet Corps Units. Through these units, the college undertakes various extension activities in the neighbourhood community. NSS organizes a residential camp in nearby villages and several activities were carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, water conservation, social interaction, Group discussion, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check-up camp, etc.

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

1

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
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

6

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)	View File

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

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

1644

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)	View File

3.5 - Collaboration

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

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

47

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	View File

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

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

13

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	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

TKREC is equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. The infrastructure facilities and learning resources

are categorized under (a) Learning Resources include resources and infrastructure required for the library, laboratories, computer centre, classroom teaching, events, meetings and conferences. (b) Support facilities include hostels, non-resident students' centres, canteens, convocation halls, seminar halls, committee rooms, dairy, and sports grounds. (c) Utilities include safe drinking water, restrooms and power generators. Classes are scheduled for optimal utilization of the available physical infrastructure. Sophisticated equipment available in the laboratories is not redundantly duplicated and availability is ensured by judicious time-sharing. Sharing of laboratory facilities is also encouraged between faculties. Apart from the central facilities, such as Computer Centre, Central Library etc.

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 has adequate facilities for sports, games indoor, and outdoor, a gymnasium, a yoga centre and cultural activities etc.

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.

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)	View File

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

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

1522682

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)	View File

4.2 - Library as a Learning Resource

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

The library is automated using Integrated Library Management System (ILMS)

Details as under

Name of the ILMSsoftwareNewGenLib

Nature of automation Fully

Version 2.0

Year of Automation 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

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

1,00,000.00

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)	View File

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

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

495

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 has different digital technological facilities, there is open access to Wi-Fi connectivity for all students and staff members of the college. All the departments of the college are provided with computers and other related accessories. All teaching staff members use the ICT in the classrooms and laboratories, whenever needed. The different educational sites are shown to the students with the help of digital devices. Most of the official work is done with the help of ICT

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

4.3.2 - Number of Computers

973

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)

7592867

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)	View File

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

TKREC has a well-defined policy and system for maintaining and utilising all its physical and academic facilities. The classroom being the primary and essential workspace, it is managed with proper systems and procedures. An external housekeeping service looks after cleanliness on the campus. The website is maintained and updated. General Instructions to students regarding safe and secure usage while in the laboratory are displayed in each lab. The library of the college has its mechanisms and system in place to identify the purchases based on the courses offered, and check on the facilities to be provided for the students and the staff. The sports committee looks after maintaining the sports ground and sports equipment. The committee organizes various indoor and outdoor sports competitions for students at intra and intercollegiate levels. For holistic development, students are encouraged to participate in competitions. Coaches for events where there is good student representation are appointed. The celebration of International Yoga Day has become a regular affair and many students and staff participate in the same. Maintenance of computers (Hardware and Software), updating software related to the administrative and overall maintenance of campus infrastructure. An external housekeeping service looks after cleanliness on 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

1834

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)	View File

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

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

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)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

25

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

25

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)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	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

242

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)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

41

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	View File

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

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

55

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)	View File

5.3 - Student Participation and Activities

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

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

1

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)	View File

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

In TKREC, students are given exposure to involve in administrative, co-curricular and extracurricular activities by including them as members of the committees. They actively

participate in committee meetings. The following is the list of Committees having 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

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

0

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)	View File

5.4 - Alumni Engagement

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

The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of TKREC The proud alumni are currently working in various positions all over the globe and proving their mettle in all spheres. The Alumni Association Contribution through various means such as book Donation, Alumni Interaction, Placement & Career Guidance Assistance, Campus recruiters, Summer Internship Opportunities, Entrepreneurship Awareness, Alumni Meet, Promoting Institute

Events and institute Social Responsibility etc.,

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 TKREC matches the vision and mission of the college.

Vision Imparting Knowledge and instilling skills to aspiring students in the field of Engineering, Technology, Science and Management to face the emerging challenges of society.

Mission Encouraging scholarly activities that transfer knowledge in the areas of Engineering, Technology, Science and Management.

Ensuring students of all levels, are well trained to meet the needs of education and their future endeavours. Inculcating human values and ethics into the education system for the all-round development of the students.

The governance of the institution is reflective The empowered team of the college involves the Principal, convener of different committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student's union, student representative (C.R.), stakeholders, alumni and local management committee. The principal monitors the mechanism regarding administration and the academic process. It also ensures the proper functioning of the policies, rules and action plans of the college. There are many committees to support the vision and mission of the college. For example,

these are the Examination cell, NSS, NCC, YRC, career and counselling cell, library and sports, cultural and literacy, internal examination, anti-ragging, college magazine, disciplinary, scholarship, grievance redressal, etc.

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.

TKREC promotes and practices decentralization in all academic and administrative activities, It has various academic and administrative committees to monitor, plan and execute the smooth functioning of activities in the institute. The Board of Governance comprises the institute's industry Experts, Eminent Educationists, Representatives of statutory bodies, The Principal and other Faculty who are responsible for planning and policy development, institutional budget, academic and research growth of the institute and other extension activities. The College Development Committee comprising representatives of management, principal, students' representatives, HOD representative, faculty, staff members, industry experts and alumni is formed to deal with the development plan of the college regarding academic, administrative and infrastructural growth and to enable college for the addition of curricular, co-curricular and extracurricular activities. The Principal gives directives to the departmental heads to prepare the annual departmental budget. The college practices decentralization by providing operational autonomy to the departments. Further, HOD prepares a consolidated report and submits it to the Principal for approval. The Principal consolidates the requirements of all the departments and forwards them to the management for approval. The sanctioned budget from the management is received by the institute.

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

TKREC's quality policy is well conveyed from its vision and mission statement and

In the institute, the perspective plans are effectively deployed as follows

Strategy to develop competencies to serve the ever-changing needs of the industry & society and strategy to empower the faculty, staff and aspiring engineers with essential technical knowledge and skills

Strategy to inculcate social and ethical values

Strategy to implement Green Initiatives on the Campus

Strategy to improve Placement Activities:

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 hierarchical set-up is established from top management to the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

The overall structure of the Institutional Management is categorized as "ACADEMICS" and "ADMINISTRATION". Keeping in view all the stakeholders more on students an effective administrative system is structured.

The Institution has a Governing Body. It is a Policy making body of the Institution and meets frequently and discusses the agenda prepared by the Principal. It reviews the performance of the institution and decisions taken in the previous meeting and also approves the policy decisions. All new proposals are discussed and

decisions are taken.

The Institute has IQAC. It is responsible for fixing quality parameters for various academic and administrative activities . Monitoring the organization of classwork and related academic activities.

The institution has its own service rules, policies and procedures for the effective functioning of the institution.

Recruitment of Faculty/Supporting Staff. • The guidelines of the university and AICTE are followed during the recruitment of the faculty. • The selected candidates are required to attend the university ratification process. • Supporting staff are recruited by the panel consisting of HODs, the Principal and the Chairman.

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)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

TKREC has effective welfare measures for teaching and non-teaching staff such as Health insurance, Gym is also accessible for the staff. transport at a reasonable cost, Employee gets fees to concession for their ward, As Institution has a multicultural environment on the campus, the management ensures the celebration of all the festivals together, Sponsorships to attend and present papers in conferences, In and around campus, various food centres has been established which are accessible by staff during the working and extended hours, Internet and free Wi-Fi facilities are also available in the campus for staff, Faculty members are provided with Individual cabin and system to facilitate good ambience, Summer and Winter Vacations for faculty members, Automation of attendance and leave using the biometric system, All the faculty members who upgrade their research work through quality publications during the academic year are honoured by management and institute through research incentive scheme every year. The management also extends financial assistance to needy students for pursuing higher education in our institution as per the requirement. All the staff members are treated on par with each other in obtaining benefits from the institution. In a nutshell, the Institution strives hard to keep our staff happy and healthy.

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

12

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)	View File

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

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

4

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)	View File

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

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

228

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)	View File

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

Teaching Staff

a) The performance of each faculty member is assessed according to the Annual Self-Assessment for the Performance-Based Appraisal System (PBAS).

b) The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.

c) The PBAS proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the Dean, and Principal.

e) Faculty members whose promotions are due are recommended based on their API score and are required to appear before the screening-cum-selection committee.

All non-teaching staff are also assessed through annual confidential reports and annual performance appraisals. Various parameters for staff members are assessed under different categories i.e. Character and Habits, Departmental Abilities, Capacity to do hard work, Discipline, Reliability, Relations/Cooperation with superiors, subordinates, colleagues, students and the public, Power of Drafting (where applicable), an efficient organization of documents and technical abilities Each one of them is graded on a seven-point scale, i.e., The overall

assessment is based on the cumulative grade by the Reporting Officer/HoD, which is then forwarded to the Principal.

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

The Institution has established a mechanism for conducting internal and external audits of the financial transactions every year to ensure financial compliance.

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

TKREC maintains & follows a well-planned process for the

mobilization of funds and resources. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for fund usage and resource utilization.

Mobilization of Funds, the student Tuition fee is the major source of income for the institute.

Sponsorships are sought from individuals and corporate for cultural events and fests.

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

TKREC has institutionalized the following two quality initiatives of IQAC:

1) Feedback System

Online pro forma of student feedback to gather information from the students about the courses of their study, their objectives, relevance, availability of learning resources, teaching methodology and so on.

2) Display and Discussion of the Answer Scripts

In order to advance the quality of teaching, learning, and transparency in the evaluation and to advance the concept of meaningful learning introduced a system of displaying answer scripts/booklets and discussing the answer scripts with the students after each semester examination.

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

TKREC IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar. All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various cocurricular activities, discipline and culture of the Institute.

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	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

TKREChas Women's Protection / Sexual Harassment Committee

ThisCommitteepromote gender equality, guaranteed by Article 15 of the Indian Constitution. This was carried out to increase the outreach for creating an environment that fosters equal treatment for both boys and girls. Creating positive social norms in educational institutions that value girls and their rights are important to improve the well-being of girls and achieve long-term and sustainable social change.

Procedure and mechanism for redressal of the grievances of the female student or women employee academic /non-academic.

1. Any aggrieved female student or women employee academic /non-academic who has the Grievance or Grievances can make a complaint in writing or personally approach any member of the Committee
2. The committee will give complete assurance to an aggrieved person that these details will be kept strictly confidential. The committee also ensures to take action and the final decision is to be communicated to the student or women employee

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

- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Apart from above, the following facility is also available in the institution

Solar power plant

Details

Our institute has got sanctioned for a 250kW solar rooftop SPV Generator from Southern Power Distribution Company of Telangana Ltd :TSSPDCL: SRT No: 03/Dt:22/03/2018. In connection with that, the part of the amount has been paid from our TKR Society

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

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

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

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

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the A. Any 4 or all of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	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

C. Any 2 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).

Several programs were conducted in TKREC for providing an

inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. Various programmes such as Bathukama, blood donation camp, independence day and republic day celebrations etc., are organized by the institution to sensitize students about the importance of communal harmony, national integration, and fraternity

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

TKREC believes in giving holistic all-around education to students. And sensitizing students on our constitutional rights, values, duties and responsibilities are one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through the curriculum as well as through extracurricular activities. Many of the subjects offered have topics which sensitize the students about constitutional obligations. In addition to this many regular programs are conducted by the Institute Innovation Council (IIC) cell of the institute to educate women about their rights. Also, seminars and workshops are conducted on days of national importance on various rights, and duties Seminars on topics like the Right to Information, Sexual harassment, responsibilities of citizens, and Gender Equity. are conducted periodically

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, A. All of the above

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.

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

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

Every year, In TKREC, most of the national and International commemorative days are celebrated. Due to Covid-19 this year TKREC has organized all the commemorative days briefly. The details of those programmes are as follows - Every year saw the commemoration of such national days as Republic Days (26 January), and Independence Day (15 August). National Youth Day, ie., the birthday of Swami Vivekananda (12 January). On each occasion, the significance of the relevant days was duly communicated to the student. Every year, as a part of the celebrations of Sri Sri Saraswati Puja, a cultural function was held. apart from the performance of the students, and teachers in these functions. The NSS cell of TKREC organizes various events every year towards the benefit of society with the help of 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

Teegala Krishna Reddy Engineering College (TKREC), plays a key role in inculcating engineering awareness among young minds of school students, based on their expectations. School students with strong engineering minds create opportunities to explore higher education. There is curious engineering in every child and early college awareness is a key step to raising their aspirations to access opportunities. This noble act would have initiated a mass movement among school students towards engineering awareness to rightly plan their future careers.

Best Practice 2

Apart from academics, TKREC provides opportunities for students to be healthy by taking part in various sports activities. The facilities on the campus that made many students of our institute represent various teams at the University level, state level and national level is listed below.

OUTDOOR:

- 1) Cricket Ground (Floodlights) - 1
- 2) Cricket Practice Nets - 6
- 3) Volley Ball Court (Floodlights) - 1
- 4) ThrowBall Court - 1
- 5) Kabaddi Court - 1

6) Basket Ball Court - 1

7) ShuttleBadminton Court - 1

INDOOR :

1) Table Tennis Boards - 4

2) Billiards Tables - 2

3) Chess Boards - 15

4) Caroms Boards - 9

5) Multi-Purpose Gym - 1

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) is having a proven track record in placements. Our Graduates are attracting a good number of Organizations both from the IT sector and Core Sectors. At TKR, we always believe in equipping our students with the right talent and personality to face the industry requirements. Our focus on placement centres on creating new approaches to attract the best from the industry to our campus. At TKR, Placement time is not a mere annual ritual it is a time for showcasing the very best in our young engineers to the industrial world. The Placement Training Cell functions with the primary aim of placing students in top-notch companies even before they have completed their courses. The Placement Training cell goes all out to train the students to meet high industry expectations.

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

Subject allocation to the faculty members is done considering their expertise along with their choice, course study material such as lecture notes, a question bank, and lab manuals are prepared by the concerned faculty members focusing on outcome-based education including Bloom's Taxonomy. Hard copies of the question bank and lab manual are also provided to the students. Timetables are prepared in advance every semester for theory, tutorial and practical classes based on the credits as per the curriculum. Curriculum delivery is carried out in the Institution through proven approaches, following the academic schedules. The lesson plan showing the hourly method of course delivery is prepared for all the subjects by the faculty members. The quality of course delivery by the faculty members is periodically monitored by getting feedback from the students, unit wise syllabus coverage and deviations from the lesson plan including practical classes will be reviewed by the head of the departments and institutes. Special classes are arranged in case of any loss of working days or students requiring more practice. Courses for value addition related to the subjects are conducted for the students to facilitate hands-on experience on concepts learnt in the classroom sessions, special coaching is provided for the slow learners identified. Moreover, all the above 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)

An academic calendar covering working days schedule, internal assessment examinations etc., is prepared every semester.

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

6

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, curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as 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	View File

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

712

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://tkrec.ac.in/complaint-cell/
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	https://tkrec.ac.in/complaint-cell/

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

493

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

297

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

All the students have to attend a compulsory counselling session on admission before filling out the combination form. The institution assesses the learning levels of the students in two ways at the time of the commencement of the classes. Students enrolled in various disciplines are identified as slow and advanced learners based on their +2 marks and the entry-level test conducted by each department. This helps to identify the slow learners and to design special coaching sessions or tutorial sessions to bridge the gap between the slow learners and the advanced learners. The mentors of the respective classes extend valid support in classifying the students with reports based on observation and class tests. Moreover, the wide range of continuous assessment components that include, Daily Home Assignments, Class Assignments, Seminars and Group Discussions, Additional Assignments, Quizzes, Class Tests, Projects, Internships, Viva-voce examinations and attendance, enable effective assessment of the learning levels of students. In addition, teacher-student interactions, reports of Class Committees and Proctorial meetings also help in the identification of different levels of learners. Faculty members and various Committees regularly review the academic progress and counsel students to improve their performance to ensure their academic growth. Apart from this, sessions are also included to inculcate a positive attitude and competitive spirit. This process helps as a base for monitoring the future progress of the students.

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
2442	192

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

TKREC practices a teaching methodology which focuses on imparting education through a student-centric approach. This methodology helps to transform students from being relegated to the role of passive recipients to active and involved stakeholders, apart from boosting their confidence and encouraging independence. Since students vary in their ability to comprehend and absorb it is not possible to address the needs and expectations of individual students and expect a uniform learning outcome from them all in a teacher-centric class. The teacher facilitates learning by allowing each individual student to comprehend at their personal level by ensuring their involvement in class activities so that they can absorb and grasp information at their own pace.

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

ICT-enabled teaching is followed in addition to traditional classroom education. All the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high-speed wifi connection. Due to the lockdown, teaching was fully conducted in an online mode. The faculty used various ICT-enabled tools to enhance the quality of teaching-learning: The faculty members used Google meet or Zoom to conduct tests and for lecture delivery. Also used many interactive methods for effective teaching such as PPT with animations, Video clippings, Use of online resources from NPTEL, Coursera,

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**

175

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**

192

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
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**

25

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)	View File

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

2.4.3.1 - Total experience of full-time teachers

1,728

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

TKREC has a transparent and robust evaluation process in terms of frequency and mode. To ensure transparency in internal assessment, the system of internal assessment is communicated with the students in advance. Students who are admitted for the concerned course are assessed continuously through various evaluation processes at the college and University levels. Continuous evaluation is made through Unit Tests, Assignment submissions, Field visits / Field Work and Seminars Presentation. The performance of the students is posted in the MIS portal to be accessed by all stakeholders. Personal guidance is given to the poor-performing students after their assessment. Students appearing for the Second /third year are asked to deliver seminars on the concerned subject. Topics are given by their teachers to the students to prepare for PowerPoint presentations. For transparency and robustness of internal assessment, the following mechanisms are conducted .

Internal Examination Committee. • Question Paper Setting. • Conduct of Examination • Result posting in MIS portal • Interaction with students regarding their internal assessment. The method of internal assessment helps the faculty to evaluate the students more appropriately. Due to internal assessment, the interest of the student towards learning and attending the classes has also increased.

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:** The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, and unit tests. The midterm marks are allotted based on defined strategies. Query if any is discussed with faculty and HOD.

* **College Level:** The Institute appoints a Senior Supervisor for the smooth conduction of examinations of JNTU. The grievances during the conduction of online/theory examinations are considered and discussed in consultation with the principal and if necessary, forwarded to the university by examination section.

* **Redressal of grievances at the University level:** The queries related to results, corrections in mark sheets, and other certificates issued by the university are handled at the JNTU examination section after forwarding such queries through the college examination section.

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 stated the learning outcomes of the Programme and all the Courses offered by the department. Hard copies of syllabi and Learning Outcomes are available in the departments for ready reference to the faculties and students. Soft Copies of the Curriculum and Learning Outcomes of the Programme and Courses are also uploaded on the website of the college for reference. The importance of the learning outcomes has been communicated to the faculties in the department meetings at the start of the semesters. The students are also made aware of the same through the induction programme of the department. At the beginning of a course along with the syllabus, students are made aware of the outcome of the course by the respective course faculties.

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 Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution and the same is communicated to the students in a formal way through the discussion in the classroom and on the departmental notice board. After measuring the attainment of POs, PSOs and COs, it has been observed that the strength of the students as well as the passing percentage of the students is increasing progressively. Besides, students' progression to higher studies that is from Under Graduate to Post Graduate seems to be increasing consistently and rapidly in the last five years. In a similar way, the ratio of students' placement is also increasing. Utmost care is taken for measuring the level of attainment of POs, PSOs and COs and followed formal as well as informal mechanisms for the measurement of attainment of the outcomes. Feedback from all the stakeholders is taken in this respect and to take necessary steps accordingly.

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

435

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	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

2

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	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 created an ecosystem for Research and Innovation by (i) recruiting and developing desirable human resources, (ii) taking initiative for the creation and dissemination of knowledge and (iii) establishing 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

5

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)	View File

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	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**

44

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

5

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

TKREC organizes a number of extension activities to promote the institute's neighbourhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme and National Cadet Corps Units. Through these units, the college undertakes various extension activities in the neighbourhood community. NSS organizes a residential camp in nearby villages and several activities were carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, water conservation, social interaction, Group discussion, Environmental awareness, Women

empowerment, National Integrity, Aids awareness, Blood donation camp, Health check-up camp, etc.

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

1

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
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

6

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)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

1644

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)	View File

3.5 - Collaboration**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

47

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	View File

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

13

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	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

TKREC is equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. The infrastructure facilities and learning resources are categorized under (a) Learning Resources include resources and infrastructure required for the library, laboratories, computer centre, classroom teaching, events, meetings and conferences. (b) Support facilities include hostels, non-resident students' centres, canteens, convocation halls, seminar halls, committee rooms, dairy, and sports grounds. (c) Utilities include safe drinking water, restrooms and power generators. Classes are scheduled for optimal utilization of the available physical infrastructure. Sophisticated equipment available in the laboratories is not redundantly duplicated and availability is ensured by judicious time-sharing. Sharing of laboratory facilities is also encouraged between faculties. Apart from the central facilities, such as Computer Centre, Central Library etc.

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 has adequate facilities for sports, games indoor, and

outdoor, a gymnasium, a yoga centre and cultural activities etc.

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.

29

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)	View File

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

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

1522682

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)	View File

4.2 - Library as a Learning Resource

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

The library is automated using Integrated Library Management System (ILMS)

Details as under

Name of the ILMSsoftwareNewGenLib

Nature of automation Fully

Version 2.0

Year of Automation 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)	View File

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

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

1,00,000.00

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)	View File

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

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

495

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 has different digital technological facilities, there is open access to Wi-Fi connectivity for all students and staff members of the college. All the departments of the college are provided with computers and other related accessories. All teaching staff members use the ICT in the classrooms and laboratories, whenever needed. The different educational sites are shown to the students with the help of digital devices. Most of the official work is done with the help of ICT

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

4.3.2 - Number of Computers

973

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)

7592867

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)	View File

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

TKREC has a well-defined policy and system for maintaining and utilising all its physical and academic facilities. The classroom being the primary and essential workspace, it is managed with proper systems and procedures. An external housekeeping service looks after cleanliness on the campus. The website is maintained and updated. General Instructions to

students regarding safe and secure usage while in the laboratory are displayed in each lab. The library of the college has its mechanisms and system in place to identify the purchases based on the courses offered, and check on the facilities to be provided for the students and the staff. The sports committee looks after maintaining the sports ground and sports equipment. The committee organizes various indoor and outdoor sports competitions for students at intra and intercollegiate levels. For holistic development, students are encouraged to participate in competitions. Coaches for events where there is good student representation are appointed. The celebration of International Yoga Day has become a regular affair and many students and staff participate in the same. Maintenance of computers (Hardware and Software), updating software related to the administrative and overall maintenance of campus infrastructure. An external housekeeping service looks after cleanliness on 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

1834

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)	View File

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

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

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)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
25	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
25	
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)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above
File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	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	

242

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)	View File

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

41

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	View File

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

55

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)	View File

5.3 - Student Participation and Activities

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

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

1

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)	View File

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

In TKREC, students are given exposure to involve in administrative, co-curricular and extracurricular activities by including them as members of the committees. They actively participate in committee meetings. The following is the list of Committees having 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

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

0

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)	View File

5.4 - Alumni Engagement

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

The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of TKREC The proud alumni are currently working in various positions all over the globe and proving their mettle in all spheres. The Alumni Association Contribution through various means such as book Donation, Alumni Interaction, Placement & Career Guidance Assistance, Campus recruiters, Summer Internship Opportunities, Entrepreneurship Awareness, Alumni Meet, Promoting Institute Events and institute Social Responsibility etc.,

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 TKREC matches the vision and mission of the college.

Vision Imparting Knowledge and instilling skills to aspiring students in the field of Engineering, Technology, Science and Management to face the emerging challenges of society.

Mission Encouraging scholarly activities that transfer knowledge in the areas of Engineering, Technology, Science and Management.

Ensuring students of all levels, are well trained to meet the needs of education and their future endeavours. Inculcating human values and ethics into the education system for the all-round development of the students.

The governance of the institution is reflective The empowered team of the college involves the Principal, convener of different committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student's union, student representative (C.R.), stakeholders, alumni and local management committee. The principal monitors the mechanism regarding administration and the academic process. It also ensures the proper functioning of the policies, rules and action plans of the college. There are many committees to support the vision and mission of the college. For example, these are the Examination cell, NSS, NCC, YRC, career and counselling cell, library and sports, cultural and literacy, internal examination, anti-ragging, college magazine, disciplinary, scholarship, grievance redressal, etc.

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.

TKREC promotes and practices decentralization in all academic and administrative activities, It has various academic and administrative committees to monitor, plan and execute the smooth functioning of activities in the institute. The Board of Governance comprises the institute's industry Experts, Eminent Educationists, Representatives of statutory bodies, The Principal and other Faculty who are responsible for planning and policy development, institutional budget, academic and research growth of the institute and other extension activities. The College Development Committee comprising representatives of management, principal, students' representatives, HOD representative, faculty, staff members, industry experts and alumni is formed to deal with the development plan of the college regarding academic, administrative and infrastructural growth and to enable college for the addition of curricular, co-curricular and extracurricular activities. The Principal gives directives to the departmental heads to prepare the annual departmental budget. The college practices decentralization by providing operational autonomy to the departments. Further, HOD prepares a consolidated report and submits it to the Principal for approval. The Principal consolidates the requirements of all the departments and forwards them to the management for approval. The sanctioned budget from the management is received by the institute.

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

TKREC's quality policy is well conveyed from its vision and mission statement and

In the institute, the perspective plans are effectively deployed as follows

Strategy to develop competencies to serve the ever-changing needs of the industry & society and strategy to empower the faculty, staff and aspiring engineers with essential technical

knowledge and skills

Strategy to inculcate social and ethical values

Strategy to implement Green Initiatives on the Campus

Strategy to improve Placement Activities:

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 hierarchical set-up is established from top management to the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

The overall structure of the Institutional Management is categorized as "ACADEMICS" and "ADMINISTRATION". Keeping in view all the stakeholders more on students an effective administrative system is structured.

The Institution has a Governing Body. It is a Policy making body of the Institution and meets frequently and discusses the agenda prepared by the Principal. It reviews the performance of the institution and decisions taken in the previous meeting and also approves the policy decisions. All new proposals are discussed and decisions are taken.

The Institute has IQAC. It is responsible for fixing quality parameters for various academic and administrative activities . Monitoring the organization of classwork and related academic activities.

The institution has its own service rules, policies and procedures for the effective functioning of the institution.

Recruitment of Faculty/Supporting Staff. • The guidelines of the university and AICTE are followed during the recruitment of

the faculty. • The selected candidates are required to attend the university ratification process. • Supporting staff are recruited by the panel consisting of HODs, the Principal and the Chairman.

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)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

TKREC has effective welfare measures for teaching and non-teaching staff such as Health insurance, Gym is also accessible for the staff. transport at a reasonable cost, Employee gets fees to concession for their ward, As Institution has a multicultural environment on the campus, the management ensures the celebration of all the festivals together, Sponsorships to attend and present papers in conferences, In and around campus, various food centres has been established which are accessible by staff during the working and extended hours, Internet and free Wi-Fi facilities are also available in the campus for staff, Faculty members are provided with Individual cabin and

system to facilitate good ambience, Summer and Winter Vacations for faculty members, Automation of attendance and leave using the biometric system, All the faculty members who upgrade their research work through quality publications during the academic year are honoured by management and institute through research incentive scheme every year. The management also extends financial assistance to needy students for pursuing higher education in our institution as per the requirement. All the staff members are treated on par with each other in obtaining benefits from the institution. In a nutshell, the Institution strives hard to keep our staff happy and healthy.

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

12

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)	View File

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

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

4

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)	View File

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

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

228

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)	View File

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

Teaching Staff

a) The performance of each faculty member is assessed according

to the Annual Self-Assessment for the Performance-Based Appraisal System (PBAS).

b) The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.

c) The PBAS proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the Dean, and Principal.

e) Faculty members whose promotions are due are recommended based on their API score and are required to appear before the screening-cum-selection committee.

All non-teaching staff are also assessed through annual confidential reports and annual performance appraisals. Various parameters for staff members are assessed under different categories i.e. Character and Habits, Departmental Abilities, Capacity to do hard work, Discipline, Reliability, Relations/Cooperation with superiors, subordinates, colleagues, students and the public, Power of Drafting (where applicable), an efficient organization of documents and technical abilities. Each one of them is graded on a seven-point scale, i.e., The overall assessment is based on the cumulative grade by the Reporting Officer/HoD, which is then forwarded to the Principal.

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

The Institution has established a mechanism for conducting internal and external audits of the financial transactions every year to ensure financial compliance.

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

TKREC maintains & follows a well-planned process for the mobilization of funds and resources. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for fund usage and resource utilization.

Mobilization of Funds, the student Tuition fee is the major source of income for the institute.

Sponsorships are sought from individuals and corporate for cultural events and fests.

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

TKREC has institutionalized the following two quality initiatives of IQAC:

1) Feedback System

Online pro forma of student feedback to gather information from the students about the courses of their study, their objectives, relevance, availability of learning resources, teaching methodology and so on.

2) Display and Discussion of the Answer Scripts

In order to advance the quality of teaching, learning, and transparency in the evaluation and to advance the concept of meaningful learning introduced a system of displaying answer scripts/booklets and discussing the answer scripts with the students after each semester examination.

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

TKREC IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar. All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching-learning process, the system of continuous evaluation, compulsory core courses, various

cocurricular activities, discipline and culture of the Institute.

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	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

TKREChas Women's Protection / Sexual Harassment Committee

ThisCommitteepromote gender equality, guaranteed by Article 15 of the Indian Constitution. This was carried out to increase the outreach for creating an environment that fosters equal treatment for both boys and girls. Creating positive social

norms in educational institutions that value girls and their rights are important to improve the well-being of girls and achieve long-term and sustainable social change.

Procedure and mechanism for redressal of the grievances of the female student or women employee academic /non-academic.

1. Any aggrieved female student or women employee academic /non-academic who has the Grievance or Grievances can make a complaint in writing or personally approach any member of the Committee
2. The committee will give complete assurance to an aggrieved person that these details will be kept strictly confidential. The committee also ensures to take action and the final decision is to be communicated to the student or women employee

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

- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Apart from above, the following facility is also available in the institution

Solar power plant

Details

Our institute has got sanctioned for a 250kW solar rooftop SPV Generator from Southern Power Distribution Company of Telangana Ltd :TSSPDCL: SRT No: 03/Dt:22/03/2018. In connection with that, the part of the amount has been paid from our TKR Society

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles

A. Any 4 or All of the above

- 3. Pedestrian-friendly pathways**
4. Ban on use of plastic
5. Landscaping

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

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

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

A. Any 4 or all of the above

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

C. Any 2 of the above

enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

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).

Several programs were conducted in TKREC for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. Various programmes such as Bathukama, blood donation camp, independence day and republic day celebrations etc., are organized by the institution to sensitize students about the importance of communal harmony, national integration, and fraternity

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

TKREC believes in giving holistic all-around education to students. And sensitizing students on our constitutional rights, values, duties and responsibilities are one of the primary educations given at the institute through various

means. Sensitization of students and employees of the Institution to the constitutional obligations is done through the curriculum as well as through extracurricular activities. Many of the subjects offered have topics which sensitize the students about constitutional obligations. In addition to this many regular programs are conducted by the Institute Innovation Council (IIC) cell of the institute to educate women about their rights. Also, seminars and workshops are conducted on days of national importance on various rights, and duties Seminars on topics like the Right to Information, Sexual harassment, responsibilities of citizens, and Gender Equity. are conducted periodically

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

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

A. All of the above

File Description	Documents
Code of ethics policy document	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

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

Every year, In TKREC, most of the national and International commemorative days are celebrated. Due to Covid-19 this year TKREC has organized all the commemorative days briefly. The details of those programmes are as follows - Every year saw the commemoration of such national days as Republic Days (26 January), and Independence Day (15 August). National Youth Day, ie., the birthday of Swami Vivekananda (12 January). On each occasion, the significance of the relevant days was duly communicated to the student. Every year, as a part of the celebrations of Sri Sri Saraswati Puja, a cultural function was held. apart from the performance of the students, and teachers in these functions. The NSS cell of TKREC organizes various events every year towards the benefit of society with the help of 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

Teegala Krishna Reddy Engineering College (TKREC), plays a key role in inculcating engineering awareness among young minds of school students, based on their expectations. School students with strong engineering minds create opportunities to explore higher education. There is curious engineering in every child and early college awareness is a key step to raising their aspirations to access opportunities. This noble act would have initiated a mass movement among school students towards engineering awareness to rightly plan their future careers.

Best Practice 2

Apart from academics, TKREC provides opportunities for students to be healthy by taking part in various sports activities. The facilities on the campus that made many students of our institute represent various teams at the University level, state level and national level is listed below.

OUTDOOR:

- 1) Cricket Ground (Floodlights) - 1
- 2) Cricket Practice Nets - 6
- 3) Volley Ball Court (Floodlights) - 1
- 4) ThrowBall Court - 1
- 5) Kabaddi Court - 1
- 6) Basket Ball Court - 1
- 7) ShuttleBadminton Court - 1

INDOOR :

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

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) is having a proven track record in placements. Our Graduates are attracting a good number of Organizations both from the IT sector and Core Sectors. At TKR, we always believe in equipping our students with the right talent and personality to face the industry requirements. Our focus on placement centres on creating new approaches to attract the best from the industry to our campus. At TKR, Placement time is not a mere annual ritual it is a time for showcasing the very best in our young engineers to the industrial world. The Placement Training Cell functions with the primary aim of placing students in top-notch companies even before they have completed their courses. The Placement Training cell goes all out to train the students to meet high industry expectations.

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), has initiated and implemented various activities, to enhance quality in the diverse facets of academics, co-curricular and extracurricular activities, in addition to a keen intention, for faculty development. In view of vision, mission and primary values, TKREC has envisioned the following towards quality enhancement in the fourth coming year

- Planned for obtaining autonomous status to impart academic flexibility towards recent developments.
- Planned to conduct and support faculty development activities for enriching the expertise of faculties.
- Planned to counsel the faculty members who are not

having many publications and make them improve research articles in Web of Science and Scopus-indexed journals with high citation indexes. • Planned to focus more on innovation and skill development for enhancing the employability of students. • Planned to encourage InstitutionInnovation Cell to organize many more activities such as workshops, guest lectures, innovative idea competitions and contests where students will showcase their skills and talents through active participation and involvement in those activities. • Planned to encourage and support more students to take up online skill development courses (NPTEL, SWAYAM, COURSERA, etc.), internships and industry-sponsored projects to improve interaction with industries.