



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

- Name of the Head of the institution **Dr. D.V. RAVI SHANKAR**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**

- Phone No. of the Principal **9949665436**
- Alternate phone No. **9666573666**
- Mobile No. (Principal) **9949665436**
- Registered e-mail ID (Principal) **principal@tkrcet.ac.in**
- Address **Survey No.:8/A, Medbowli, Meerpet, Balapur Mandal.**
- City/Town **Hyderabad**
- State/UT **Telangana**
- Pin Code **500097**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **08/06/2017**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. A.Suresh Rao**
- Phone No. **918498085216**
- Mobile No: **8498085216**
- IQAC e-mail ID **sureshrao@tkrcet.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) https://tkrcet.ac.in/wp-content/uploads/2023/01/AOAR_REPORT2019-2020.pdf

4.Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://tkrcet.ac.in/autonomous/academic-calender/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.17	2017	12/09/2017	31/12/2022

6.Date of Establishment of IQAC **12/10/2017**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
NA	NA	NA	Nil	Nil

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9.No. of IQAC meetings held during the year **2**

- Were the minutes of IQAC meeting(s) and **Yes**

compliance to the decisions taken
uploaded on the institutional website?

- If No, please upload the minutes of the meeting(s) and Action Taken Report
- No File Uploaded

10. Did IQAC receive funding from any 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. Improvement in the curriculum design.
2. Improvement in student internship program.
3. Inculcation of Honors and Minor Degree for all branches.
4. Improvement of student learning process through MOOCs.
5. Improvement in the placements.

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
To establish Research Center	Submitted proposal to the university for establishment of research center. relevant physical interaction and visit to accord research center is completed.
Established Host Incubation Centre under MSME	Project proposals are submitted under various categories.

13. Was the AQAR placed before the statutory body? **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Departmental Internal Audit Committees	08/09/2021

14. Was the institutional data submitted to AISHE ? **Yes**

- Year

Part A**Data of the Institution**

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• Address	Survey No.:8/A, Medbowli, Meerpet, Balapur Mandal.
• City/Town	Hyderabad
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• Pin Code	500097
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• Location	Urban
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• Name of the IQAC Co-ordinator/Director	Dr. A.Suresh Rao

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• Mobile No:	8498085216				
• IQAC e-mail ID	sureshrao@tkrcet.com				
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4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://tkrcet.ac.in/autonomous/academic-calender/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.17	2017	12/09/2017	31/12/2022
6.Date of Establishment of IQAC			12/10/2017		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
NA	NA	NA	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	2				
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes				

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Did IQAC receive funding from any 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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1. Improvement in the curriculum design.	
2. Improvement in student internship program.	
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<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Departmental Internal Audit Committees	08/09/2021

14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> • Year 	
Year	Date of Submission
13/03/2020	31/12/2021
15. Multidisciplinary / interdisciplinary	
<p>The design of curriculum was emphasized on providing scope for students to learn the concepts of other engineering disciplines under open elective category.</p>	
16. Academic bank of credits (ABC):	
<p>Although the Institution is under Autonomous Mode, the degree is offered by the affiliating university (JNTUH). therefore the approach of Academic bank of Credits as per the NEP can be implemented after the directions from the affiliating University.</p>	
17. Skill development:	
<p>The institute as a part of curriculum enrichment the departments have undergone respective skill based activities for their students. the outcome of this activity supported the students to fill the gap to a an extent during their placement activity.</p>	
18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
<p>The students are engaged in adapting their culture by the event of traditional day celebrated every time as a part of annual day celebrations. Also, the students are directed to take any online course (12 weeks) as a part of mandatory course. the students are offered "the constitution of India" course under mandatory courses, to bring awareness of indian knowledge system.</p>	
19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):	
<p>In the Institute four undergraduate programmes Electrical and Electronics Engineering, Mechanical Engineering, Electronics and Communication Engineering, Computer Science and Engineering, have been accredited under tier II of outcome based education for a period three years from 2015-2018. Subsequent extension was accorded for all the four programmes for another four years from</p>	

2018-2022.

20.Distance education/online education:

No programmes are offered under distance/online mode

Extended Profile**1.Programme**1.1 **11**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student2.1 **3736**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **840**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **4714**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic3.1 **625**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	258
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	258
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	2265
4.2 Total number of Classrooms and Seminar halls	71
4.3 Total number of computers on campus for academic purposes	1100
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	52255554
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	
The institute imparts novel academic practices an usher to good governance. The revision of curriculum is one of the key objectives of these academic practices. The revision of curriculum	

is emphasized to impart recent technologies that address the requirements of industry and society.

Influential parameters for curriculum design.

The curriculum is designed to orient students into research and design and to enhance their entrepreneurial and employability skills. The influential parameters include (i) the curriculum being designed following the guidelines enlisted in the Model Curriculum of AICTE, (ii) programme specific outcomes of professional bodies, and faculty expertise. (iii) syllabus covered for competitive exams like GATE, IES etc.

Implementation of Outcome Based Education

The initial step of the academic practice is to set goals accordance with the Accreditation policy for establishing the outcome-based education by defining the Vision and Mission. The second step is to classify the content that is required for imparting engineering education and to enmark Programme Educational Objectives. The third step is to emphasize on core engineering subjects followed by professional electives and open electives inline to Program Outcomes.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://naac.tkrcet.com/wp/criteria-i/criteria-i-i/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**231**

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year****278**

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System**11**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

In order to integrate the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics, the College has imbibed different types of activities right from the first academic year in the curriculum. Some enhance professional competencies while others aim to inculcate general competencies like social values, human values, environment sensitivity etc., thereby leading to the holistic development of students.

The courses on Ethics, Human Values, Human Resources & Organizational Behaviour and Community Outreach through NSS and NCC, Environmental Studies are embedded in the curriculum of all programmes.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

11

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1113

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**904**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://tkrcet.ac.in/feedbak/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://tkrcet.ac.in/feedbak/
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment of Students	
2.1.1.1 - Number of students admitted (year-wise) during the year	
863	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	
2265	
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 students' learning levels and organises special programmes for both slow and advanced learners.	
<p>The Methodology adopted by the institution has been planned strategically and periodically revised to address the issues of diversity in students' learning levels. To begin with the students' learning abilities are obtained from their performance in the activities planned during the induction-training program conducted immediately after the admission. From then on, faculty members train the students during their course work, catering to their needs and putting conscious effort to better the learning competency of slow learners.</p> <p>The stratification of students into categories like, slow, average and advanced learners is based on their performance in the I series of internal examinations and a continuous follow-up thereafter by the concerted efforts of teaching faculty, course coordinator and Head of the department until the course completion.</p>	

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-ii/criteria-2-2/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
18/12/2020	3736	258

File Description	Documents
Upload 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:

The teaching-learning process is the strength of the Institute and a right blend of traditional and modern methods are imparted to make learning a student-centric and laudable experience.

Experiential learning, participative learning and problem solving methodologies are practised to ensure the holistic development of students and facilitate life-long learning activity.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://naac.tkrcet.com/wp/criteria-ii/criteria-2-3/

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT tools complement the traditional teaching-learning methods, and the institute is highly interested in providing innovative methods for enriching the learning experience. All the faculty of the institution deliver the content effectively using ICT tools in

the classroom for better understanding and reinforcement of the concepts and problem solving. The faculty are trained for the efficient use of tools through training sessions at the institute and/or faculty development programmes conducted by IITB, Mumbai. Teaching/Learning methodologies include the use of ICT tools for illustrations and special lectures, field study, case studies, project-based-methods, experimental methods, flipped class room sessions etc. The institution has the needed resources, which include availability of computers in engineering departments and library, high-speed internet access and general ICT knowhow among the students and the faculty.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://tkrcet.ac.in/online-resources/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

194

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar

The Internal Academic Council receives the plan of action from the Department and Section heads and places it before the Internal Academic Council, as a part of the process the Dean (Academics) initiates and prepares a well-planned Academic calendar. It is displayed in the college website. The calendar, made available to

the students before the commencement of classwork, includes the first and last day of instruction, schedules of internal and external exams, preparation holidays for final examinations and the period of vacation.

The Academic calendar is strictly adhered too. However, in case of any unforeseen situations that are beyond the control of the institution, the authorities make necessary changes and the same is displayed in the website.

2. Teaching Plan

Heads of the departments conduct meetings with their respective faculty well in advance of the commencement of the semester course work and allocate subjects. A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is prepared to ensure a uniform pace of teaching. The concerned HOD monitors the course-coverage once in a fortnight and deviations if any, are clarified with the concerned faculty and a special class work is planned.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

258

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

39

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1403

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

30

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

58

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The college keeps its examination system open for modifications and thus strengthens it from time to time, ensuring the system fool proof and address the grievances of students, if any. The institutional reforms in all the activities of the examination system are kept at par with the reforms pushed by the AICTE for various engineering disciplines. The reforms in examination system include OBE- framework for assessment process, valuation of higher order abilities and professional skills in different forms like MOOCs, internship experience and project works, Bloom's taxonomy for assessment design etc. The following significant reforms are implemented in the Examination system.

- Credit system was introduced for the benefit of the students. Quizzes / Surprise Test(s)/ Project works and assignments are made part of evaluation.
- Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation and declaration of results.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/criteria-ii/criteria-2-5/

2.6 - Student Performance and Learning Outcomes

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

The Outcome based Education is followed in the teaching learning process. The objectives of the Outcome Based Education (OBE)

emphasizes on outcomes like, Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs). The Outcomes are derived by involving all the relevant stakeholders at the department level offering the concerned program. After a consensus is arrived at, the objectives are publicized through

- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Library

While addressing the students at the Induction Program the HODs create an awareness on POs, PSOs. During the course of study, the concerned faculty throws light on the outcome of the course (COs).

Program specific outcomes (PSOs) are derived based on the specific skill sets of faculty who are available as a strength to the department and associated industrial conclave if any. At the end of the program, the students are also assessed to analyse the requirements and accomplishments to be fulfilled at the micro level.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://naac.tkrcet.com/21-22/wp-content/uploads/2023/01/2-2.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes, which are used to provide the quantitative measurement of how well the program outcomes are achieved. During the

semester, the performance in the form of examination of the students in each course is used to compute the level of attainment of the POs and PSOs, through the mapping of questions to COs and COs to POs and PSOs.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/criteria-ii/criteria-2-6/

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

840

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://naac.tkrcet.com/wp/criteria-ii/criteria-2-6/

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://tkrcet.ac.in/wp-content/uploads/2023/01/Student-Satisfaction-Survey-20-21.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy

for promotion of research which is uploaded on the institutional website and implemented

TKR CENTRE FOR RESEARCH & INNOVATION

A CONFLUENCE FOR CREATIVE METAMORPHOSIS

TKR Centre for Research & Innovation at TKR College of Engineering & Technology intends to persuade students to be pragmatic by helping them to transform basic scientific, technological and abstract ideas to practical reality. An exclusive infrastructure with 10,000sft is established. TKR Centre for Research & Innovation will provide an Eco-System for the students to learn by doing and will support them in thinking critically, being innovative, visualizing products and developing and implementing prototypes. The Lab will serve as a cross-disciplinary and multiple stakeholders' platform to enable student entrepreneurship, collaboration with the industry and commercialization.

A few of the innumerable facilities provided by TKR Centre for Research & Innovation are

1. A platform to establish industry academia conclave.
2. A room for knowledge sharing to support the ideas of, innovations, societal needs.
3. A location for nurturing their curricular knowledge to inculcate entrepreneur's skills.
4. Rapid prototyping facility.
5. Ultra-Modern measuring, metal joining and cutting facilities.
6. Induction furnace for design of materials of choice.
7. Ultra-modern facilities to cater the needs of electrical and electronics hardware assembly and testing

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://naac.tkrcet.com/wp/criteria-iii/criterion-3-1/
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

12

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research	
3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)	
22,04,400	
File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded
3.2.2 - Number of teachers having research projects during the year	
04	
File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/criteria-iii/criterion-3-2/
List of research projects during the year	View File
3.2.3 - Number of teachers recognised as research guides	
6	
File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File
3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year	
03	

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.serbonline.in/SERB/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

TKR CENTRE FOR RESEARCH & INNOVATION

The ecosysytem for innovation and creation

Vision

The vision of the idea lab at TKRCET is to tap the latent potential in students and faculty to make them understand the consequences of accelerating technological changes and how new technologies will play a role in the future lives of customers.

Students will be trained to capitalize on the opportunities by thinking about novel applications that would build an innovative road map and rapidly prototype new ideas while simultaneously encouraging a heuristic approach to learning.A

The intension of establishing the idea lab at TKRCET is to encourage students to apply the fundamentals of science, technology engineering and mathematics to develop tools and methods that would solve challenging problems that affect the real world were traditional approaches are not effective.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iii/criterion-3-3/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

10

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

C. Any 2 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

1

File Description	Documents
URL to the research page on HEI website	https://tkrcet.ac.in/research/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

91

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

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

15

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iii/criterion-3-4/

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

43

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year**

12

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)**

nill

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

REPORT ON NSS ACTIVITIES

The National service scheme is an educational programme with its activities intended on the development of personality of students through community service. The activities of the NSS unit at TKRCET help, build confidence among students, develop their leadership qualities and make them gain knowledge about different people from different walks of life. A variety of activities were undertaken by the NSS unit at TKRCET in the year 20-21 to sensitize students to social issues for their social, cultural, ethical and psychological development. During the pandemic a lot of awareness programmes were conducted by the unit to help the neighboring community. On 2/11/2020 a Covid-19 awareness programme was organized by the NSS unit in the college premises. On 20/10/2020 the NSS volunteers along with the examination branch of TKRCET distributed food and other essential requirements to people affected by Covid. When the pandemic hit the nation for the first time, the community was unaware of social distancing and the importance of the use of masks and sanitizers.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iii/criterion-3-6/

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

18

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

42

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1992

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

163

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

16

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

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 equipments, etc.

The college has adequate infrastructure & facilities adhering to the norms laid by the statutory body like AICTE, JNTUH. The college building is demarcated with south block, central block & north block nomenclatures for ease of access. There are totally 71 classrooms. The individual departments have model classrooms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iv/criterion-4-1/

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor

and outdoor) including gymnasium, yoga centre, auditorium etc.)

Cultural:

College has provided a number of facilities for supporting extracurricular activities related to culture, creativity, arts and recreation. Two auditoriums ONE with a seating capacity of 400 and one open-air theatre with 2000 seating capacity exists for conducting Literary and cultural events. College will encourage students to participate in various college level, state level and national level competitions by providing financial support. On an average Rs.35, 00,000/- per year is spent on arrangements and support for all the events carried out by Literary and cultural Club. The Annual cultural meet has as event by name "Shizney" which hosts

College has established Literary and cultural committee (L & CC) headed by Dean of Student Affairs comprises of a committee including staff and student members.

Other than organizing events students are allowed to learn western dance, classical dance, Music (vocal and instrumental) in Student Activity Centre weekly twice by the concerned persons recruited by college at free of cost for the UG and PG students. YOGA classes are arranged every day at Open-air auditorium

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iv/criterion-4-1/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

71

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

18,37,627

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

TKRCET Library is well established and fully automated and has a rich collection of 91,932 volumes with 10,193 titles that cater to the need of Engineering & Technology, Management and research scholars. The total built up area is 1510 sqmtrs. It is a duplex model with a seating capacity for 300 members

The library provides e-learning programs like IEEE, N-LIST, NDL, SWAYAM

MOOC's.. The library is a key learning center of the college and plays a vital role in enhancing the teaching, learning, research, ambience and development of the college.

Library Automation (ILMS) : The college Library & Information Centre is enabled with NEW GENLIB (New Generation Software for Library & Information Networking) Library Management Software with License (LMS) The Central Library has taken the NGL 2.1 version software in 2008. It was upgraded twice, once in 2010 from NGL 2.1 to NGL 2.4 Version 2014. The next time it was upgraded in 2021 from NGL 2.4 to NGL 3.2. New Gen lib Software was designed and

developed by Veerus IT solutions. The College Libraries are use this software which is user friendly and works under the client server environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/wp-content/uploads/2023/01/Lib.-Photos.docx

**4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources**

B. Any 3 of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

20,54,119

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

113

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The college has IT wing which is headed by the senior system analyst. The functionalities of IT wing are

1. To maintain MIS.
2. To maintain Institutional website.
3. To install and maintain Wifi facilities across the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iv/criterion-4-3/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3736	1100

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iv/criterion-4-3/
List of facilities for e-content development (Data Template)	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

52255554

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

4.4.2.1. Civil Maintenance

Maintenance of civil works is needed for getting uninterrupted services, which facilitate smooth and efficient functioning of the institution. The maintenance of civil works include

- Maintaining cleanliness and sanitation in the campus.

- Repair of frequently damaging components like window glasses, plumbing components, sanitary ware, floor tiles, doors, classrooms, benches, boards, furniture, faculty rooms etc
- Internal roads maintenance.
- Water supply and overhead/underground water tank maintenance.

Course of action:

- A request comprising the problem, through HOD and the Principal, has to be received.
- As per the stock availability the problem is attended and resolved
- If any material is required to purchase, to get the approval from the principal for purchase of the same.
- If the work involves more financial support, quotations are invited from the vendors.
- Preparation of the comparative statement and placing purchase order.
- On receiving material, resolving the problem.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-iv/criterion-4-4/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2265

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://naac.tkrcet.com/wp/criteria-v/criterion-5-1/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1161

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above
---	----------------------------

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

346

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

148

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

117

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

74

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The Institute has a student council constituted with academically strong students as its body. It operates with a sense of responsibility in dealing with the student-concerned activities. The Institute also encourages participation of student representatives in various decisions making, academic and

administrative committees, this enable them in acquiring better academic environment. Student opinions and suggestions are considered to take measures in view of students' perception. Institute puts efforts for the all-round development of a student. They take part in various professional society chapters like IEEE, ISTE, and CSI. In addition, student members are involved in several Institute and Department level committees with active participation.

Internal Quality Assurance Cell (IQAC): Student representatives are nominated for this cell, who participate in the decisions regarding the quality initiatives of the institute. (Web site)

Lady Advisory Committee: The girl students are part of the committee to address issues on women welfare.

Student Amenities Committee: student representatives along with the other nominated faculty members monitor the quality and hygiene of the canteen. They visit frequently and collect feedback from peers and continuously monitor the quality and quantity of the food served.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-v/criterion-5-3/

5.3.3 - Number of sports and cultural events / competitions organised by the institution

0

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Institute has a registered Alumni Association for building strong bond between alumni and present students. The alumni give support to the students through interaction, financial funding, guidance and placement. The Alumni Association of the Institute is called as TKRCETAA i.e. TKR College of Engineering and Technology Alumni Association. The mission of the Alumni Association is to foster a mutually beneficial relationship between the Institute and its alumni. Alumni meet is arranged once in every year.

Objectives of the Alumni association:

To encourage and promote close relations between the Institution and its alumni and among the alumni themselves.

- To promote and encourage friendly relations between all members of the alumni body, an interest in the affairs and well-being of the Institution.
- To provide and disseminate information regarding their Alma Matter, its graduates, Faculties and students, to the alumni.
- To initiate and develop programs for the benefit of the alumni.
- To assist and supporting the efforts of the Institution in obtaining funds for development.
-

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/criteria-y/criterion-5-4/

5.4.2 - Alumni’s financial contribution during the year

E. <2 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

History

TKR Educational Society was established in 2001, it is reputedly academic oriented. Sri. Teegala Krishna Reddy, the former mayor of Hyderabad and leader of masses is the Chairman of the society. A native of Meerpet Village with challenging experiences in the process of emerged into a reputed educationalist with a laudable ambition of spreading education to meet the educational needs of the aspirant youth. Under his dynamic and creative chairmanship, the TKR Educational institutions for the prospective future of aspiring youth for the purpose of serving A.P State in particular and our country in general.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-1/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

VISION:

The Institution endeavours towards imparting quality education with ethical values and strives to make students technically competent to reach heights and make our nation self-reliant and globally recognized.

MISSION:

The Institution is committed and dedicated to mould the students into quality Engineers and technologists with aplomb by providing world-class scientific and technical education through:

Ensuring excellent branch wise Infrastructural facilities, with eminent and qualified faculty.

Making the Institute a research/resource center to enhance scope for consultancy, Research & Development.

QUALITY POLICY:

The Institute encourages continuous improvement and innovation at various levels for developing the institute into a center of excellence, thus satisfying the aspiration of all stakeholders.

POLICY STATEMENT:

We are committed towards developing and advancing the college as an institution of higher learning by offering quality education through excellent infrastructure, quality teaching learning process and congenial ambience. The innate talents of students are nurtured through overall development by providing a number of curricular, co-curricular and extracurricular activities. We are also committed to implementing effective and transparent appraisal system. A good exposure to the students will be offered through enhanced industry-institution interaction, MOUs, expert lecturers, entrepreneurship, research and consultancy. The college provides conducive work environment to the faculty and staff by offering best facilities and salaries as per the UGC guidelines for knowledge update, qualification improvement, etc.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-1/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The values and core principles

The culture of an institution is a shared system of values, beliefs and attitude that shapes and enhances behaviour. "The culture is determined by the values that we live and improve for our growth and development of organization from top to bottom". The culture is described by following core principles that direct us.

1. Committed to accountability and excellence: if we attract best of the students, staff and faculty and retain relevance, the culture of excellence shall be nurtured through out the institution in both academics and administration.
2. Foster leadership and ethical decision making: The leadership and decision making ethically shall strengthen the organization and support for its growth.
3. Strengthen faculty and staff: The faculty should raise the quality of academics, staff should deliver their services to support faculty in promoting and enriching their academics.
4. Student focus: the teaching learning process should inculcate the practices, of inspiring to contribute to the society, implementing innovative ideas.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-2/
Upload any additional information	View File

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

Detailed information regarding the following are uploaded in the additional information tab:

Organizational chart

Roles and Responsibilities

Service rules**Standard operating procedures**

File Description	Documents
Paste link to Organogram on the institution webpage	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-2/
Upload any additional information	View File
Paste link for additional Information	http://www.tkrcet.ac.in

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**B. Any three of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

- **Staff Welfare**
- **Group Insurance**
- **Increments for Higher Education**
- **Maternity Leaves**
- **Dispencary**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-3/

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

122

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

7

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

302

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
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

Internal and External Financial Audits Reports are attached in the additional information tab.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-4/

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.93

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

INSTITUTIONAL STRATEGIES FOR MOBILIZATION OF FUNDS AND OPTIMAL UTILIZATION OF RESOURCES.

Every financial year, the TKR College of Engineering and Technology methodically plans the budget from the resources one month in advance. As it is a self-financed private institution, its income is based on admissions. The overall revenue is

estimated to be around 26 crores. The salary of the Faculty and teaching staffs is the institution's largest expense incurred, accounting for 73 percent of the total revenue. The remaining funds are allocated for infrastructure development and general maintenance of civil and laboratory equipment, which is 5% of the total earnings. As the institution grows, there is a need to enhance the employability, skills and academic development of students and staff members in order to meet the demands of the recent technological advancements. Over 15% of the budget is set aside for upgrading the facilities, with 2% set aside for seed funding to encourage faculty and students' R&D activities. The remaining 5% will be used for incidental expenses. Additional money created through various projects obtained from AICTE, MHRD, and MSME are continuously contributing to nurture the research and development environment in TKR College of Engineering and Technology. The amount that is remaining if any utilized for civil construction in the next financial year. The details of the budget planning of TKR College of Engineering and Technology is exhibited in the following pie chart.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-4/

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC-AQAR REPORTS 2019-20 are uploaded in the additional information tab.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-5/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Academic Audit Report for A.Y 2018-19 uploaded in the additional information tab

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-5/

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

C. Any 2 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://naac.tkrcet.com/wp/criteria-vi/criterion-6-5/
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

TKR College of Engineering and Technology sensitizes students and employees regarding gender equity and takes the social responsibility of reacting to the events happened in the society

by various activities. The institute promotes gender equity in admissions, recruitment, administrative functionality and academic activities.

Measures initiated by the institution for the promotion of gender equity during the year:

- Separate NCC wing is created to encourage girl students, are participating in various activities.
- Separate NSS unit is started exclusively to encourage the girl students and the unit is successfully conducting various activities to serve the society.
- Girls waiting halls are provided in each block in the campus with required facilities. Two girl's hostels are provided with gym facility and dispensary with lady doctor and a nurse.
- Health centre is provided in the campus with qualified physician and male & female nurses with separate treatment rooms for girls and boys.
- Separate space is provided for girls in the central library and the college canteen to avoid inconvenience.
- The girl students are nominated as members of various committees at department, institute levels and the institute encourages their participation in co-curricular and extra-curricular activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://naac.tkrcet.com/wp/wp-content/uploads/2023/01/7.1.1-2020-21.docx

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
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 a maximum of 200 words)

The facilities in the Institution for the management of the following types of degradable and non-degradable waste

1. Solid waste management
2. Liquid waste management
3. Biomedical waste management
4. E-waste management
5. Waste recycling system
6. Hazardous chemicals and radioactive waste management

TKR College of engineering & Technology has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation and cleaning and keeping things which can be Recycled aside and handed over to appropriate agencies. The waste generated in the campus include liquid waste and solid waste- both of biodegradable and non-biodegradable nature & chemical waste. No classified hazardous waste is generated in the campus. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make campus clean, hygienic and healthy.

The waste generated is classified into the following types:

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

system in the campus	
File Description	Documents
Geotagged photographs / videos of the facilities	View File
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: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	C. Any 2 of the above

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

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>B. Any 3 of the above</p>
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File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

The Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

TKR College of Engineering and Technology is always at the

forefront of inviting diversity, eradicate stereotypes, enhance self-esteem, encourage students to have a voice and demand educational achievement.

To achieve these objectives, courses like Constitution of India, Essence of Indian Traditional Knowledge, three weeks Orientation Program are incorporated as a small step to imbibe and inculcate these traits among the students.

Teachers deliver lectures with an acceptance and appreciation for different ideas, opinions, and learning styles of the students and make an earnest effort to understand the racial and cultural characteristics of students.

Along with curriculum, additional communication and soft skills classes are conducted to make the students from different backgrounds communicate effectively.

Social Protection cell, Grievance Redressal cell and Lady Advisory Committee aims at social protection, ensuring tolerance and harmony, reducing vulnerability, building human capital, empowering women and girls, cultural, regional inclusion.

Industrial visits expose students to the practical challenges and also make the students from different backgrounds adapt to one another to create a tolerance and harmony in the organization.

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

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

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

India is a vast country with many languages, subcultures,

religions and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex.

TKR College of engineering and Technology sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen.

The vision of the institute is "To develop integrated manpower with right attitude, possessing knowledge and skills, required to make an honourable living and contribute to the socioeconomic development and welfare of the society". These elements are inculcated in the value system of the college community.

The institute hoists the flag during national festivals and invites eminent persons to inspire students and staff by informing the qualities of freedom fighters and to emphasize the duties and responsibilities of citizens.

The students are inspired by conducting various programs on culture, traditions, values, duties and responsibilities competitions are conducted among students for Rangoli.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

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

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

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

The institute aims to inculcate values and nationalism in the students by celebrating the national festivals and birth anniversaries of great Indian personalities in the college campus every year. The celebrations include flag-hoisting, Project Exhibitions, Poster Presentations, Walks, Essay Writing, and Elocution. Eminent personalities are invited to motivate staff and students by their inspirational speeches on those days.

Republic Day and Independence Day:

Every year the Institution celebrates Republic Day and Independence Day hoisting the national flag by Chief Guest of the Programme and presents medals and certificates to the NCC cadets for their best performance. Students and staff salutes the flag and then sang the National Anthem.

Teachers Day :

The Institution celebrates Teacher's Day commemorating the birthday of Dr.SarvepalliRadhaKrishnan, a great teacher. On that day the Institution felicitates eminent personalities from the educational field.

Engineer's day :

The organization celebrates Engineer's Day on 15th September to mark the birth anniversary of Sir MokshagundamVisvesvaraya by

project exhibitions. Different project models are developed and exhibited by the students.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

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

Among many best practices, The institute is submitting these two best practices for assessment.

BEST PRACTICE-1 Title: TKRCET Academic Management System

Objectives:

1. To maintain regular academic activity efficiently.
2. To ensure availability of data to the stake holders.
3. To monitor the student progress in every semester.
4. To reduce paper work and improve ease and efficiency in processing the data.
5. To provide transparency of the data and the activities

The Context:

Digital transformation refers to the use of digital technology to better serve the stake holders. Managing the activities of the institution in a technology-enabled way will ensure effective functioning of the institution. Electronic data management provides ready and relevant information to stake holders for decision making. For any educational institute, academic activity is the major decision making component and proper maintenance & process of this data leads to success of the institute. In this

direction, the college has a well-established system to standardize and automate various processes across all the departments to ensure availability and transparency of data.

File Description	Documents
Best practices in the Institutional website	https://tkrcet.ac.in/wp-content/uploads/2023/01/7.2-best_practice.pdf
Any other relevant information	https://naac.tkrct.com/wp/criteria-vii/criterion-7-2/

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The driving force, the vision of the institute is "To develop integrated manpower with right attitude, possessing knowledge and skills, required to make an honourable living and contribute to the socioeconomic development and welfare of the society".

In addition to preparing the students with core competencies to face the global challenges, believing that "skills are of less value in the absence of appropriate value systems", the institute strives in making students adopt right attitude, understand and contribute to the socio-economic development & welfare of the society. The institute is contributing to the development of the nation by capacity and character building of the students. The institute takes lead in serving the society and in inculcating those values in the minds of young generations and imbibing in them, the required qualities to make an honorable living in the society.

The institution adopts "Donate-Service-Provide" (D-S-P) motto in order to fulfil its role of social responsibility and inspires the students to follow the same in their lives.

File Description	Documents
Appropriate link in the institutional website	https://tkrcet.ac.in/wp-content/uploads/2023/01/7.3 Institutional-Distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To strengthen teaching-learning process through development of e-content.
2. To improve the research competency by encouraging faculty to publish in Web of Science and Scopus indexed journals.
3. To orient faculty through capacity building with regard to NAAC, NBA and NIRF accreditations.