



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		T. K. R. COLLEGE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		Dr. D.V. Ravi Shankar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		919949665436
Mobile no.		9949665436
Registered Email		principal@tkrcet.ac.in
Alternate Email		info@tkrcet.ac.in
Address		Survey No -8/A Medbowli, Meerpet, Balapur
City/Town		Hyderabad
State/UT		Telangana
Pincode		500097

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)		08-Jun-2017																	
Type of Institution		Co-education																	
Location		Urban																	
Financial Status		Self financed																	
Name of the IQAC co-ordinator/Director		Dr. A. Suresh Rao																	
Phone no/Alternate Phone no.		918498085216																	
Mobile no.		8498085216																	
Registered Email		deanacademics@tkrcet.ac.in																	
Alternate Email		iqac@tkrcet.com																	
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)		https://tkrcet.ac.in/wp-content/uploads/2023/01/AQAR-Report-2017-2018.pdf																	
4. Whether Academic Calendar prepared during the year		Yes																	
if yes,whether it is uploaded in the institutional website: Weblink :		https://tkrcet.ac.in/autonomous/academic-calender/																	
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.17</td> <td>2017</td> <td>12-Sep-2017</td> <td>31-Dec-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.17	2017	12-Sep-2017	31-Dec-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.17	2017	12-Sep-2017	31-Dec-2022														
6. Date of Establishment of IQAC			12-Oct-2017																
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC		Date & Duration		Number of participants/ beneficiaries															

Workshop on Professional ethics	06-Jul-2018 1	53
Workshop on Quality Improvement in Teaching	11-Jun-2018 5	57
Encourage faculty for paper publications in various National and International Seminars.	28-Dec-2018 1	119
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

1. The IQAC ensures a regular attendance of students and teachers round the year. The IQAC inspects and tries to improve college infrastructure. The IQAC ensures that students' grasp over all areas of curriculum through periodical assessments.

2. .The teachers are encouraged to participate in Refresher Courses, Orientation Programmes, Research, Seminars and Workshops etc. for the upgradation of knowledge base.

3. Best practices such as No Vehicle Day, Sapling Plantation, Rain Water Harvesting and Green, Clean Plastic Free Campus

4. The IQAC regulates the processing of career advancement scheme of the teachers. All teachers are encouraged to take part actively in research work. They are encouraged to send proposals for major and minor research projects of UGC, DIST etc.

5. Departments are encouraged to regularly hold Tutorial and special classes to address the specific needs of students. The IQAC regulates the arrangements for holding seminars, workshops etc. by individual departments to upgrade the knowledge base of the students.

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

Plan of Action	Achivements/Outcomes
Created awareness on Online EAMCET	Nearby junior colleges and schools were informed of the process
Participate in national Hackathon events conducted by institute/organizations of repute	Teachers and students were motivated to participate in various Hackathon events
Organizing induction program	Induction program was organized for the students
Start an EDC	EDC was formed
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC	31-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

30-Jun-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

31-Dec-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Attendance of students and all records are maintained. The active modules are daily attendance statements, Assignment, Mid, Minor marks entry. Computerized answer script evaluation for semester end examinations. The complete profile of the staff are maintained.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	01	Civil Engineering	08/07/2018
BTech	02	Electrical & Electronics Engineering	07/07/2018
BTech	03	Mechanical Engineering	07/07/2018
BTech	04	Electronics & Communication Engineering	29/01/2019
BTech	05	Computer Science & Engineering	07/07/2018
BTech	12	Information Technology	07/07/2018
MBA	E00	Master of Business Administration	07/07/2018

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	EEE	07/07/2018	Digital Signal Processing -A25PE6	07/07/2018
BTech	EEE	07/07/2018	Linear Systems Analysis- A26PE6	07/07/2018
BTech	ECE	18/07/2018	VLSI Design- B45PC2	29/01/2019
BTech	ECE	18/07/2018	VLSI& ECADLab- B45PC6	29/01/2019

BTech	ECE	18/07/2018	Microwave Engineering- B47PC1	29/01/2019
BTech	ECE	18/07/2018	Embedded Systems Design- B48PE3	29/01/2019
BTech	ECE	18/07/2018	Image Processing- B48PE4	29/01/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	IT/ Intellectual Property Rights	29/01/2019
BTech	EEE/Non-conventional Powerion	30/01/2019
BTech	EEE/ Nano Technology	30/01/2019
BTech	EEE/DESIGN Estimation and Costing of Electrical Systems	30/01/2019
BTech	EEE/Energy Storage Systems	30/01/2019
BTech	EEE/Introduction to Mechatronics	30/01/2019
BTech	EEE/ Advanced Control Systems	30/01/2019
BTech	ECE/ Coding Theory & Techniques	29/01/2019
BTech	IT/Principles of Electronics Communications	29/01/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	CSE	07/07/2018
BTech	EEE	07/07/2018
BTech	ECE	07/07/2018
BTech	IT	07/07/2018
BTech	Mechanical	07/07/2018
BTech	Civil	08/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Quantity Surveying	21/02/2019	391
ENVIRONMENTAL SCIENCE TECHONOLOGY	30/07/2018	47
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil	111
BTech	EEE	251
BTech	MECH	35
BTech	ECE	243
BTech	CSE	234
BTech	IT	41
MBA	MBA	35
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Periodical feedback is obtained from the students on aspects of teaching-learning. Regular Class Committee meetings are held by the Head of the Department to review the teaching learning process, academic progress of students, grievances if any, and suitable remedial measures are taken as and when necessary. Student feedback is taken on course objectives and outcomes. Faculty feedback is taken on curriculum. By taking into consideration the suggestions of the students, faculty, and other stakeholders through feedback, the college makes its suggestions to the respective boards of studies for the Development of Curriculum. The college has formed communication channels among all the stakeholders to ensure that objectives of the curriculum is achieved in the course of implementation. The achievements of stated objectives are ensured by: ? By taking feedback from students on course objectives and outcomes. ? By taking student feedback on faculty performance and content delivery. ? Feedback from outgoing students on curriculum and its implementation.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
BTech	CIVIL	36	50	32
BTech	EEE	36	20	17
BTech	MECH	36	21	14
BTech	ECE	72	100	72
BTech	CSE	72	120	72
BTech	IT	18	25	18
MBA	MBA	18	12	6
Mtech	CSE	8	4	1
Mtech	PE	8	3	1

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3354	125	259	7	3

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
266	250	16	24	40	8

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring programme is conducting in our college. It helps the students to strengthen their varied capabilities and to build an interpersonal relationship between the teachers and students. Each teacher is assigned with the task of mentoring 20 students. All mentors keep a confidential data sheet about their students, "mentors assessment of students" which records a report of mentoring done by the teachers. A team of teachers selected from each department periodically evaluates these reports. A committee consisting of the Principal, Dean Academic and experienced faculty, monitors the mentoring programme.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3479	266	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D

39	38	1	38	9
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2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	M. JHANSI RANI	Assistant Professor	UGC NET QUALIFIED
2019	Mr. SHAIK KHAJA HAFEEZUDDIN	Assistant Professor	Microsoft Innovative Educator
2019	Mr. KVR Satya Sai	Associate Professor	Best Faculty Award
2019	Mr. KVR Satya Sai	Associate Professor	NPTEL Online Certification
2019	Mr. KVR Satya Sai	Associate Professor	NPTEL Online Certification
2019	Mr. KVR Satya Sai	Associate Professor	NPTEL Online Certification
2019	Mrs. A. Swetha	Assistant Professor	NPTEL Online Certification
2019	Mr. A. Madhusudan	Assistant Professor	Best Faculty Award
2019	Ms. N. Keerthi	Assistant Professor	NPTEL Online Certification
2019	Mr. S. Manohar Reddy	Assistant Professor	NPTEL Online Certification

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	01	I/I	29/12/2018	15/02/2019
BTech	01	I/II	21/12/2018	15/02/2019
BTech	01	I/III	12/12/2018	15/02/2019
BTech	01	I/IV	15/12/2018	24/01/2019
BTech	01	II/I	14/06/2019	06/08/2019
BTech	01	II/II	14/06/2019	06/08/2019
BTech	01	II/III	18/05/2019	08/07/2019
BTech	01	II/IV	17/05/2019	20/06/2019
Mtech	02	I/I	31/12/2018	15/02/2019
Mtech	02	II/I	13/06/2019	06/08/2019

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
294	3751	7.83

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://tkrcet.ac.in/wp-content/uploads/2023/01/copo20182.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
01	BTech	CIVIL	109	81	74.31
03	BTech	MECH	170	121	71.17
02	BTech	EEE	106	61	57.4
05	BTech	CSE	234	198	84.6
04	BTech	ECE	239	203	84.9
12	BTech	IT	42	34	80.9

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://naac.tkrct.com/18-19/wp-content/uploads/2022/12/studentsatisfactionreport2018_19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr. D Nageshwar Rao
View File

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the	Name of the award	Date of award	Awarding agency
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	fellowship			
National	Ms.N.Keerthi	NPTEL	01/08/2018	swayam
International	Dr.M.Narender	Best Researcher Award	01/08/2018	Global Journals, USA
National	Mr.A.Madhusudan	Best Faculty	05/02/2019	TKRCET
National	Mr.S.Manohar Reddy	NPTEL	01/08/2018	swayam
National	Mr.Hafeezuddin	Microsoft Innovative Educator	13/02/2019	Microsoft
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	1	TEQIP-III	2.6	260000
Projects sponsored by the University	1	TEQIP-III	2.98	298000
Projects sponsored by the University	1	TEQIP-III	2.99	299000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

3

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
PCB DESIGN FABRICATION	ECE	22/04/2019
Workshop on Unity Tool	CSE	18/03/2019
Workshop on R and Python Programming	CSE	22/04/2019
Workshop on Python Programming and Its Applications	CSE	16/02/2018
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best	Dr.M.Narender	Global	03/01/2019	Computer

Researcher Award		Journal		Science Engineering
Microsoft Innovative Educator	Mr. Hafeezuddin Shaik	Microsoft	15/11/2018	Computer Science Engineering
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
TKRCET Incubation centre	TEK ROBOTEK	TKRES	TEK ROBOTEK	Training and Development	16/08/2018
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechanical	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil	1	Null
International	EEE	8	Null
International	ECE	22	Null
International	CSE	39	Null
International	MBA	1	Null
International	IT	3	Null
International	MECH	14	Null
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
EEE	1
ECE	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
DATA SYNTHESIZER	Published	3987924	03/12/2018
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as	Number of citations
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					mentioned in the publication	excluding self citation
Numerical Analysis of Rubber Assisted Hydro fouming process and its experimental verification	M. Venkat Reddy	IJMPERD	2018	Nil	TKRCET	6
View File						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Control Strategy for Three Phase Inverter in on Site Generation System using Fuzzy Logic	P.Veeraragava Reddy	IJAREE IE (International Journal of Advance d Research in Electrica l, Electroni cs and Instrume ntation Engineer ing)	2018	Nil	Nil	TKR College of Engineerin g Technology
Performa nce evaluation of 30mld wastewater treatement plant in hyderabad	Dr. Arulneyam, Dr. Premasudha	IJCIET	2018	Nil	Nil	TKR College of Engineerin g Technology
Assessment of water quality in saroor naga r lake, Hyderabad	Dr. Arulneyam, Dr. Premasudha	IJCIET	2018	Nil	Nil	TKR College of Engineerin g Technology
Biogas production comparisio	Dr. Arulneyam, Dr.	IJCIET	2018	Nil	Nil	TKR College of Engineerin

n of vegetable waste and fruit waste from Coimbatore city market, codigested with water hyacinth	Premasudha					g Technology
Evaluation of Distribution System Reliability in the presence of multiple DGs	Dr. K. RAJU	MJMS (Mediterranean Journal of Modeling and Simulation)	2018	Nil	Nil	TKR College of Engineering Technology
A Closed Loop Control Of Buck - Boost Ac -Ac Converter With Reduced Thd	G. Suresh Kumar Reddy	IJSER (International Journal of Scientific Engineering Research)	2018	Nil	Nil	TKR College of Engineering Technology
New Fault location detection method on three phase micro grid systems	S. Manohar Reddy	IJCRT (International Journal of Creative Research Thoughts)	2018	Nil	Nil	TKR College of Engineering Technology
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	149	0	0
Presented papers	12	0	0	0
Resource persons	0	7	0	0
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Grade Nations Consultancy	Automated Student Visa Processing System Integrated with Various Foreign Universities	Consulting Agency	39000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Save the water	Telangana National Naval Unit	3	35
Yoga day Celebration	NSS Unit, TKRCET	1	20
Clean and Green Programme	ASSEZWAO	1	15
Swatch Sarvekshan	GHMC, LB Nagar circle	2	50
Cancer walk	Yeshoda Hospitals, Malakpet	1	30
Road safety week	Rachakonda police	2	20
SHE Mpower	Rachakonda police	1	10
Blood Donation Camp	Durgabhai Deshmukh Hospital	3	100
Drug free India	Art of Living	2	50
WEB Casting for Loksabha elections	GHMC, RR Dist.	3	20
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swach Bharat	Telangana National Naval Unit	Swach Bharat	3	32
Swatch Sarvekshan	GHMC	Cleaning	1	25
Clean and Green	ASSEZWAO	Plant Trees	2	33
Sahaja yoga	NSS unit	YOGA	2	150
Yashoda Cancer Awareness 5k RUN	Yashoda Cancer Institute (Malakpet)	5k RUN	2	9

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Western Construction	4	Nil	30
The DGM, Steel Plant Town Ship, Qtr. No. 108/B, Sector-VI, Ukkunagaram, Vishakaptnam,	17	Nil	30

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industries	Project work Internships	BHEL, RAILWAYS, ECIL	01/03/2018	30/06/2018	160
Industries	Project work	BHEL, RAILWAYS, ECIL	01/01/2019	30/04/2019	160
Industries	Project work Internships	TNR Constructions, NTPC, R B, TSPHCL, RKEC	01/05/2018	30/06/2018	108

		PROJECTS, HMWS SB, TSIIC, GHMC, JSETL, LT(ECC)			
Industries	Project work	TNR Constructions, NTPC, R B, TSPHCL, RKEC PROJECTS, HMWS SB, TSIIC, GHMC, JSETL, LT(ECC)	01/01/2019	30/04/2019	108
Industries	Project work Internships	Vishakapatnam Steel Plant	18/06/2018	30/06/2018	5
Training	Internships	DRDO, RCI, E CIL, BEL	01/03/2018	20/03/2018	55
MOU	Online food court management	Astute Business Solutions PVT Ltd	21/05/2018	02/07/2018	6
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
SVS Hydraulics Pvt. Ltd.	15/05/2018	Design and Manufacturing of wedge gripper	9
Astute Business Solutions PVT Ltd	15/05/2018	INTERNSHIP	12
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
8.72	7.93

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Laboratories	Existing
Seminar Halls	Existing

Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Existing
Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
NEWGEN LIB (New Generation Software for Library Information Networking)	Partially	NGL 2.4	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	42268	10137099	958	318201	43226	10455300
Reference Books	28180	6758066	639	212135	28819	6970201
e-Books	6284	5900	6284	5900	12568	11800
Journals	155	225255	0	0	155	225255
e-Journals	230	523815	0	0	230	523815
CD & Video	6154	0	15	0	6169	0
Library Automation	0	0	0	0	0	0
Weeding (hard & soft)	2229	690990	1280	253320	3509	944310
Others(s pecify)	0	0	0	0	0	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	940	12	1000	3	2	0	7	1000	0
Added	0	0	0	0	0	0	0	0	0
Total	940	12	1000	3	2	0	7	1000	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Nill	330.26	Nill	31.8

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

TKR College of Engineering Technology has Established set of Policies and Procedures to Utilize physical resources, Laboratory Facilities and Library Service Laboratory: Laboratory facilities are utilized and maintained in an efficient manner Time tables were prepared to optimally use the laboratory facilities. Maintenance was done in regular intervals by Internal/External technicians the policies are adopted such a manner that Sophisticated equipment will be maintained by the vendors those who supply that equipment and other equipment was regularly serviced by the Lab technicians. Lastly all the disposables/Chemicals/e-Waste was disposed off in an eco friendly manner

Computers: Computer's maintenance is a regular process skilled and professional technicians are recruited for the purpose of Computers maintenance they check regularly faulty peripherals, Installations of OSs New Software , LAN Connections etc.. hence College Ensure at any given time no system is in Not Working state. Coming to the Utilization dedicated Computer Centres to cater the needs of Knowledge thrust of the students and Faculty. Computer centre and all the computers in the campus connected with LAN and Internet. Class Rooms: Class room maintenance done every day. Dedicated supervisors are recruited for the purpose of supervise the cleaning especially class rooms. Everyday floor cleaning, Seating Arrangements cleaning and verifying the electricity equipment like fans and lighting if any repairs done instantly by the local skilled persons. Library another resource centre to enrich the knowledge of students and faculty. Before beginning of the academic year the new books will purchased

based on the recommendations from the faculty. TKRCET Library fully automated with latest Library Management Software used to issues, returns and searching.

Library has not only for Printed contents it has more e-content like video lecture , e-journals etc.. Special budget allocation for Library maintenance .

Library provides the facility that reading and as well as facilities for e-content. Sports Complex: TKRCET believes that Healthy mind is in Healthy Body

TKRCET has good play grounds and Gym for the students. Sports equipment maintenance and new equipment purchases in a specific procedure the Physical Education Teachers identify the requiems based on the teams available after that Sports committee recommends the requirement for the approval. The play grounds and Sports equipment cleaning and minor repairs will be done in regular basis.

<http://tkrcet.ac.in>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Govt	2030	79102200
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Coaching	20/09/2018	40	Faculty
Digital VLSI System Using Verilog HDL Conducted By C-DAC	27/08/2018	50	C-DAC
Induction Programme	18/07/2018	58	NSS, NCC, SPORTS, ANTI RAGGING, SHE TEAM, IKON HOSPITAL
Remedial Coaching	02/07/2018	40	TKRCET
Ethical Hacking	17/08/2018	50	TKRCET
Artificial Intelligence	19/01/2019	60	TKRCET
Unity Tool	25/03/2019	200	TKRCET
R and Python Programming	22/04/2019	200	TKRCET

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	GATE, GRE, IELTS	0	418	363	0
2018	Campus Recruitment Training	576	0	0	256

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
140	647	113	56	176	53

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	10	B.Tech	EEE	Various Reputed Academic Institutions	Multiple Courses
2018	9	B.Tech	IT	VICTORIA UNIVERSITY, University of North Texas, Texas A&M University Kingsville, Southern New Hampshire University, University of Central Missouri	INFORMATION TECHNOLOGY
2018	5	BTECH	CIVIL	Various Institutes	MS

2018	36	BTECH	ECE	Various Institutes	Multiple Courses
2018	82	BTECH	CSE	Various Institutes	Multiple Courses
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	4
GRE	3
TOFEL	8
Any Other	10
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
ANNUAL SPORTS	INSTITUTION LEVEL	34
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Multipurpose Paddy Rice Cutter Using Solar Energy II-Prize	National	2	2	N.Nithya	G.Vamshi Krishna
2019	Agricultural sprayer Drone/I-Prize	National	1	Nil	Nil	S.Santhosh
2018	Literacy helping HandICT Academy	National	Nil	1	Nil	S.Santhosh
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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. Hostel Committee: They play major role regarding food quality, hygiene and other general facilities. They voluntarily monitor day-to-day activities and bring to the notice of the warden immediately. LC Committee: Students clubs like Literary club, Music club, Creative arts club, Dramatics club, Photography short film shooting club and Classical dance club are involved in this committee. Class Interaction Committee (CIC): It consists of HOD, faculty handling the particular section and student representatives in each class. They discuss the conduct of class work, delivery of lecture and overall discipline. Based on the minutes of the CIC meeting, action is initiated to improve the academic performance of the class. The National Cadet Corps (NCC) is encouraged in the institute aiming at the development of leadership, character, comradeship, spirit of sportsmanship and the ideal of service, among the youth. NSS is also encouraged in the institute enabling the student to participate in service activities like organizing blood donation, rural health sanitation, adult education, and environmental awareness camps in the neighbouring areas as a social responsibility. In addition to the above, the students are involved in organizing Technical fest, Cultural fest and National Level Sports fest. Student members of all professional societies and student clubs actively take part in hosting their respective events.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

No Data Entered/Not Applicable !!!

5.4.3 – Alumni contribution during the year (in Rupees) :

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution practices decentralization and participative management. The Institution follows the Professional Management approach in managing the Institutions. The Professional Management aims at implementing the concept of innovativeness in managing the academic and administrative matters. The

Institutions always believe in the practices of decentralisation and participative management. Practice of Decentralisation is having own significance in the management. It reflects the policy decision making, planning and administration, and office management. Management and Administration is responsible for quality initiative to promote education to all sections. The Institutions enhance the quality at various levels - Management, College Development Committee, Governing Council, Principal, Vice-Principal, IQAC Committee, NAAC Committee, Various Committees, Academic Staff Welfare, Administrative and Non teaching Staff, NCC, NSS, all the stakeholders involve in the decentralisation and participative management all are working together for efficient functioning of the Institutions.

1. Management: The Institution promotes a culture of decentralisation and participative management involving all types of stakeholders in the process of decision making. The management always believes in decentralisation and participative management. The management endeavours best substantial independence to the Institutions in all area of decision making process.

2. Administration: Administration is the backbone of the Institution. Institution firmly believes to provide quality education to the society. The College administration plays an integral role, leading and supporting the development and implementation of policies, programs, and initiative that are associated with the vision and mission of the college. The administration ensures the smooth functioning in the all areas like Admissions, Account and Finance, Record Keeping, Evaluation and Supervision, and Maintenance.

3. Faculty Members Faculties maintains the healthy relationship with students, faculties, and community. The faculties are execute the policies and programs accurately and constructively. The College faculties represent the ethics and attend the professional ethics in the education.

4. Departments The Primary role of the department is to provide the academic excellence in all activities. The Departments and Head of the Department are perform their role and responsibilities initiated with the vision and mission of the college.

5. Non Teaching Staff In the administration non teaching staff plays crucial role in managing the day-to-day work. The assigned to non-teaching staff is to meet and accomplish operational and strategic objectives.

6.1.2 Case Study Showing Decentralisation and Participative Management The Institution has adopted the decentralisation and participative management in the process of academic and administration. The Top management gives generous freedom and flexibility to the Principal together with the academic council to lead all the academic activities of the college. They regularly meet and take necessary steps to formulate and implement the perspective plan of the institution. As part of quality improvement and quality initiative the institution and its concern IQAC and College Development Committee and other statutory Committees continuously work on quality improvement. In the beginning of academic year all faculty members conduct a meeting and discuss the smooth functioning of the institution. Various committees are constituted and responsibilities are assigned to them.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The college got autonomous status in the year 2017-18. Before that it was affiliated to JNTUH. The curriculum was framed and developed according to the latest trends in industry.

<p>Teaching and Learning</p>	<p>The MIS software enables the college authorities to exercise full supervision over all the service modules in the office. The Principal is in touch with teaching and non-teaching staff members, as well as with GB members, through email. Notices and other kinds of administrative information are put up on the college website. The college office is fully automated and equipped with 24/7 internet connectivity. An intranet links the college office with the Principals office for online supervision. A new biometric system to record attendance has been installed</p>
<p>Examination and Evaluation</p>	<p>The different departments of the college are required to prepare their students according to the prescribed syllabus, to sit for examinations held according to the recommended schedule by the exam branch. The pattern and nature of questions and tutorial/practical assignments set by the college are in accordance with the criteria or pattern prescribed by the different boards of study.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>TKR College of Engineering and Technology - a modern temple of learning, an off shoot of the TKR Educational Society was established in the year 2002 in a sprawling, lush green 20 acre campus at Meerpet, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut- throat global competition with a smile on the face and emerge victorious.</p>
<p>Human Resource Management</p>	<p>In centres of higher education, human resource management is a constantly evolving area of concern, but one of its most important aspects is the emphasis on providing faculty members with scope to grow and develop within their working space. This college has always encouraged its faculty members to grow in the workplace, and this is achieved by encouraging new staff members to avail themselves of opportunities to attend orientation programmes. In-service teachers are also encouraged to apply for refresher courses, FDPs and major/minor research projects and their progress and achievements are duly put on record</p>

Industry Interaction / Collaboration	Our College tries its very best to rope in various corporate houses by way of enhancing placement opportunities for its student community as well as fine-tuning soft skills for its faculty too
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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	The colleges vision and mission statement is clearly uploaded on the institutional website. Further development plans and strategies are also to be displayed on the website as and when applicable. For all Governing Body meetings, the minutes and resolutions by circulation are sent by email to Governing Board members and also made available as hard copies.
Administration	The MIS software enables the college authorities to exercise full supervision over all the service modules in the office. The Principal is in touch with teaching and non-teaching staff members, as well as with GB members, through email. Notices and other kinds of administrative information are put up on the college website. The college office is fully automated and equipped with 24/7 internet connectivity. An intranet links the college office with the Principals office for online supervision. A new biometric system to record attendance has been installed
Finance and Accounts	The budget is allocated by the management for all the activities for the current academic year
Student Admission and Support	The college has been carrying out the students admission procedure. The online support for the same is provided by the institutions website developer. Classrooms are equipped with smart TVs, and ICT powers the learning process. All departments have webpages of their own. Students are able to connect with their teachers online and interact or clarify academic issues with them. High-speed internet services provide seamless connectivity throughout the college campus.
Examination	The students need to pay fees online for the examinations. The controller of examinations conducts the examination under the strict supervision of

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Y.Priyanka	Advanced CMOS VLSI	TKRES (EICT Academy , NITW)	2500
2018	A.Deepika	Advanced CMOS VLSI	TKRES (EICT Academy , NITW)	2500
2018	A.Vikas	Advanced CMOS VLSI	TKRES (EICT Academy , NITW)	2500
2018	M.Vijayababu	Advanced CMOS VLSI	TKRES (EICT Academy , NITW)	2500
2018	A.Teja	Advanced CMOS VLSI	TKRES (EICT Academy , NITW)	2500
2018	C.JAYA LAKSHMI, T.RADHIKA, K.NARESH	Artificial Intelligence and Machine Learning	NIIT, WARANGAL. ICT ACADEMY	7500

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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Latest advances in communica tions/5G technology	Latest advances in communi cations/5G technology	19/09/2019	20/09/2019	39	4

No file uploaded.

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Design of experiments using Taguchi approach	34	12/11/2018	17/11/2018	5

1 Day training program on concrete	3	16/07/2018	16/07/2018	1
3 Day Geo Polymer camp in france	1	09/07/2018	11/07/2018	3
1 Week CEP Course at NIT Warangal	1	24/12/2018	28/12/2018	5
1 Week FDP on ERM	1	06/05/2019	10/05/2019	5
Refresher course on systems and signal processing	4	06/03/2019	27/03/2019	21
Analog IC design-Hands on practise using CADENCE Design Flow	4	22/04/2019	24/04/2019	2
Advanced CMOS VLSI	4	03/12/2018	08/12/2018	6
Linear Regression, GPCA, SVD, SVM, Linear Discriminate Analysis and Wavelets MRAResearch Focus	4	17/12/2018	22/12/2018	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
266	266	93	93

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
01	01	Nil

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency. The mechanisms used to

monitor effective and efficient use of financial resources are as below: • Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. • College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses. • The expenses will be monitored by the accounts department as per the budget allocated by the management.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
TKRCET	200000	Development and Maintenance of Labs
No file uploaded.		

6.4.3 – Total corpus fund generated

28005657

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Senior Professor from Parent University	Yes	Dean Academics
Administrative	Yes	Management Representatives	Yes	Management

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

<ul style="list-style-type: none"> • Parents are cordially invited for Orientation Programme of their wards on their first Day of College every year. • We conduct regular meetings and telephonic contact with the parents on monthly basis after attendance. Feedback from parents is given due consideration. • Parents are always invited for Appreciation Ceremony on Annual Day and Graduation Day

6.5.3 – Development programmes for support staff (at least three)

Skill Upgrdation Communication and language development programmes Workshop on Computer Skills. Orientation on Health hygiene maintenance.
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

Teachers may be encouraged to acquire higher qualification Complete Automation of Library and digital and virtual library Collaborative linkages with industry and institutes of research

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No

d)NBA or any other quality audit	Yes
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6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Induction Programme	02/09/2018	18/07/2018	30/07/2018	200
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
GENDER SENSITIZATION	10/12/2018	10/12/2018	37	10
Parenting	12/04/2019	12/04/2019	66	14

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
No Data Entered/Not Applicable !!!

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	7	7	02/10/2018	1	Flood Resilience, Cancer Awareness	Clean waste	200
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
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Regulation R17	03/10/2016	Code of conduct to be followed in the campus and during examination is mentioned in regulation R-17. Online it is available at https://tkrcet.ac.in/wp-content/uploads/2022/08/CSE-R17-I.pdf
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7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Swachh Bharat Abhiyan	10/08/2019	10/08/2019	300
Independence Day Celebrations	15/08/2018	15/08/2018	400
Republic Day Parade	26/01/2019	26/01/2019	450
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The institution conducted several awareness camps for enlightening the students for making the campus plastic free and it is now a plastic free campus. Plantation of floral and other plants in and around the college campus to expand greenery. Garbage are regularly collected from office, canteen and different parts of the campus and disposed off in specified locations. Students are advised to reduce/replace printing and photo copying by reading on screen and not to use plastic cover in any of their project paper. The Institution has stopped buying bottled water in any programme and installed purified water dispensing machines in different locations within the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Promotion of universal values among students.
 2.Objectives of the Practice: In today's world, where majority of the people are pursuing only self interests relentlessly, the institution recognises the need to inculcate universal values like promotion of truth, selflessness, righteousness etc. The value education cell of our college is working with this goal. 3.context: The value education cell inculcates among the students. a) harmonious development of body, mind and soul and promotion of universal values. b)Cultivate inner calmness-a way to peace c) to help others d) to preach and practice truthfulness. e) to deal with academic and emotional stress by tapping their inner sources of strength. f) to develop a positive attitude

2.Title of the Practice: Financial Aid to the deserving students by the college
 Objectives of the Practice It has been obtained from the profile students joining various courses of the college that there are many students coming from the rural areas with low economic back ground. Their parents are unable to provide them a sustained financial support because agriculture, being a gamble with rain in the district, is not a source of assured income. So, the noble objectives of the practice are • To extend financial aid to the poor students, especially from the rural, to save them from discontinuation of their studies owing to poverty. • To support financially all the deserving poor students without any discrimination of caste, creed or gender. • To promote the 'equality' among the students • To inculcate the values of 'generosity' and a 'sense of social responsibility' among the students. The expected outcome is that the students should be able to complete their degrees with good marks.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://naac.tkrcet.com/17-18/wp-content/uploads/2022/12/TWO-BEST-PRACTICES-SUCCESSFULLY-IMPLEMENTED-BY-THE-INSTITUTION.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The performance of the institution in one area are distinctive to its vision, priority and thrust with its Mission statement and objectives of the institution. So, in the Mission statement the College has planned to develop the teachers quality by organizing (FDP) Faculty Development Programme from time to time and to introduce new technology in the class room teaching through LCD projectors and smart boards and allow the students a positive platform to present their views through seminars and symposiums. This is the key objectives to produce good human resources with skill and ability to serve the Nation. The Vision, Mission and Objectives are communicated through College website, hoardings and posters and disseminated in all the important place of the college. To make the Vision statement distinctive the Institution introduce and promote participative management at the strategic level, functional level and operational level simultaneously. Non teaching staff are the part of this management . To make the system more active and distinctive the teachers and non-teaching staffs plays pivotal role through the decentralize system under the leadership of the Principal . The principal, governing body and members of the IQAC are involved in defining policies and procedures for framing guidelines and rules and regulations pertaining to admission, examination, code of conduct for discipline etc. Faculty members share their knowledge as a mentor and dedicatedly take the entire student in to their confident with the students. Under the leadership of the Principal most of the faculty members engaged themselves and involved in different social related research activities with the support of Governing Body.

Provide the weblink of the institution

<http://www.tkrcet.ac.in>

8.Future Plans of Actions for Next Academic Year

TKR College of Engineering and Technology is committed to impart quality education to meet the growing needs of their students on a continual contact basis. In doing so, we shall protect the interest of our students to prepare them to face the growing challenges and in turn serve the nation and society. The management of the college has been quite young and dynamic. The members are engineers by profession and thus have deep understanding of importance of quality education. They have been supportive and quick in implementing various measures for development, branding and strengthening of the college. Their humbleness, foresight, holistic approach towards education and hard work has won the hearts of every one in TKR family. Members of the Governing Body meet once in a month to review the progress and address any issues arising from time to time. The management fully supports in all aspects leading to teaching-learning, discipline, sense of quality, equality, service to nation and all other aspects that are needed for a good citizen. Management also supports initiatives of the faculty members in participating in conferences, workshops, industrial visits, and any such activity needed for enhancing the realm of learning. The college is self sufficient and as such does not have any major observations/deficiencies pending against it. There are also no legal proceedings whatsoever pending against it. The college has commenced the research, consultancy and extension activities of late. Three faculty members earned doctoral degree when working in

the college. There are over 4 faculty members who have registered for doctoral research and another 5 faculty are in the process of registering. There have been good numbers of publications by most of departments. At an average 5-7 publications are brought out each department, which is required to be strengthened. Support of senior professors is being employed for enhancing this aspect. The college is in final stages of filing two patents in the area of advanced building material and tidal energy generation. Out of its own funds, the college has established a Big Data Analytics Lab, R and Python Lab, Internet of Things Lab those can be considered as one of the most sophisticated centre of excellence in this region. Trainings are provided on the latest software and consequently, some projects have also come up. Based on its success, the college has plans to establish one such centre of excellence in each department.