

Yearly Status Report - 2017-2018

| 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 | sureshrao@tkrcet.com |
| Alternate Email | iqac@tkrcet.com |
| 3. Website Address | |
| Web-link of the AQAR: (Previous Academic Year) | https://tkrcet.ac.in/agar/ |
| 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 | |

5. Accrediation Details

| Cycle | Grade | CGPA | Year of | Vali | dity |
|-------|-------|------|--------------|-------------|-------------|
| | | | Accrediation | Period From | Period To |
| 1 | A | 3.1 | 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 Date & Duration Number of participants/ beneficiaries | | | |
| Workshop in work ethics | 02-Sep-2017 | 43 | |

| | 1 | |
|---|-------------------|----|
| To have a MIS | 09-Oct-2017 5 | 51 |
| To encourage faculty for paper publications in various National and International Seminars. | 05-Feb-2018 1 | 64 |
| To invite eminent persons from the industry. | 03-Apr-2018 1 | 59 |
| Feedback from students, parents and alumni collected, analysed and steps taken accordingly. | 07-May-2018 1 | 8 |
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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/Departmen t/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 | <u>View File</u> |
| 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 | <u>View File</u> |
| 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 | |
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14. Whether AQAR was placed before statutory body ?

Yes

| Name of Statutory Body | Meeting Date |
|---|--------------|
| IQAC | 31-Dec-2018 |
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | No |
| 16. Whether institutional data submitted to AISHE: | Yes |
| Year of Submission | 2018 |
| Date of Submission | 31-Dec-2018 |

| 17. Does the Institution have Management Information System ? | Yes |
|--|---|
| If yes, give a brief descripiton 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 | 30/08/2017 |
| BTech | 01 | Electrical & Electronics Engineering | 30/08/2017 |
| BTech | 01 | Mechanical Engineering | 30/08/2017 |
| BTech | 01 | Electronics & Communication Engineering | 30/08/2017 |
| BTech | 01 | Computer Science & Engineering | 30/08/2017 |
| BTech | 01 | Information Technology | 30/08/2017 |
| Mtech | 02 | Computer Science & Engineering | 30/08/2017 |
| Mtech | 02 | Power Electronics | 30/08/2017 |
| MBA | 03 | MBA | 02/09/2017 |
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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 | Civil | 01/04/2017 | Advance English Communication Skills Lab | 01/04/2016 |
| BTech | EEE | 01/04/2017 | Professional Communication Language Lab | 01/04/2016 |
| BTech | CSE | 01/04/2017 | С | 01/04/2016 |

| | | | Programming- AESCP1 | |
|-------|-----|------------------|--------------------------------|------------|
| BTech | ECE | 01/04/2017 | VLSI Design- A60432 | 01/04/2016 |
| BTech | IT | 01/04/2017 | ARTIFICIAL INTELLEGENCE | 01/04/2016 |
| MBA | мва | 01/04/2017 | ENTREPRENURSHIP DEVELOPMENT | 01/04/2016 |
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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 | Civil ENgineering | 01/09/2017 | |
| BTech | EEE | 01/09/2017 | |
| BTech | Mech | 01/09/2017 | |
| BTech | ECE | 01/09/2017 | |
| BTech | CSE | 01/09/2017 | |
| BTech | IT | 01/09/2017 | |
| Mtech | CSE | 01/09/2017 | |
| Mtech | PE | 01/09/2017 | |
| MBA | MBA | 01/09/2017 | |
| No file uploaded. | | | |

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 | Civil Engineering | 01/09/2017 |
| BTech | Electrical & Electronics Engineering | 01/09/2017 |
| BTech | Mechanical Engineering | 01/09/2017 |
| BTech | Electronics & Communication Engineering | 01/09/2017 |
| BTech | Computer Science & Engineering | 01/09/2017 |
| BTech | Information Technology | 01/09/2017 |
| MBA | MBA | 01/09/2017 |
| Mtech | CSE | 01/09/2017 |
| Mtech | PE | 01/09/2017 |

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 |
|---------------------|----------------------|-----------------------------|
| | | |

| Professional Ethics | 01/04/2017 | 240 | | |
|------------------------------------|------------|-----|--|--|
| Gender Sensitization | 01/04/2017 | 240 | | |
| CRT(MIND MAP CONSULTING- ARISE) | 01/04/2017 | 70 | | |
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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 | EEE | 103 | | |
| BTech | CSE | 235 | | |
| BTech | ECE | 236 | | |
| BTech | MECH | 127 | | |
| BTech | CIVIL | 122 | | |
| BTech | IT | 67 | | |
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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

Dean academics collects the feedback from the students. Feedback form/formats are designed for the stakeholders. This includes faculty feedback, alumina feedback, student feedback, course exit survey, etc. Faculty feedback from the students for the respective course is taken once in a semester on various teaching/learning aspects and it is analysed by the Dean academics and corrective measures if any, are informed to the respective faculties for further improvements. Course exit feedback is taken to analyse the understanding capability of the students. Feedback about the infrastructural facilities are taken from the final year students at the end of the program for improving the lab facilities, if any. The feedback so obtained is analysed for further improvement. Feedback from the parents are taken by interacting with them during Parent Teacher Meet. Feedback is taken from alumni for suggestions or improvements in the curriculum. Feedback from the final year students are taken for their suggestions in improving the curriculum and it is conveyed to the Chairman, BOS of the respective programmes We have also installed a suggestion box which is accessible to all the stake holders so that they can give their feedback/ suggestions for improvements, if any.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 - Student Enrolment and Profile

2.1.1 - Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled | | |
|--------------------------|-----------------------------|---------------------------|-----------------------------------|-------------------|--|--|
| BTech | CIVIL | 36 | 30 | 24 | | |
| BTech | EEE | 36 | 20 | 13 | | |
| BTech | MECH | 36 | 31 | 24 | | |
| BTech | ECE | 72 | 65 | 57 | | |
| BTech | CSE | 72 | 91 | 71 | | |
| MBA | MBA | 18 | 21 | 13 | | |
| Mtech | CSE | 8 | 4 | 2 | | |
| Mtech | PE | 8 | 3 | 2 | | |
| MBA | MBA | 18 | 11 | 7 | | |
| BTech | IT | 18 | 15 | 13 | | |
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2.2 – Catering to Student Diversity

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

| Year | Number of | Number of | Number of | Number of | Number of |
|------|--------------------|--------------------|-------------------|-------------------|------------------|
| | students enrolled | students enrolled | fulltime teachers | fulltime teachers | teachers |
| | in the institution | in the institution | available in the | available in the | teaching both UG |
| | (UG) | (PG) | institution | institution | and PG courses |
| | | | teaching only UG | teaching only PG | |
| | | | courses | courses | |
| 2017 | 3350 | 131 | 287 | 8 | 4 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), Elearning 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 | Numberof smart classrooms | E-resources and techniques used |
|-------------------------------|---|-----------------------------------|--|---------------------------|---------------------------------|
| 295 | 235 | 58 | 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 |
|--|-----------------------------|-----------------------|
| 3481 | 295 | 1:12 |

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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 37 | 36 | 1 | 36 | 28 |

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 |
|---------------|---|------------------------|---|
| 2017 | Mr.G.Suresh Kumar Reddy | Assistant Professor | Best Faculty Award |
| 2017 | Ms.N.Keerthi | Assistant Professor | NPTEL |
| 2017 | Mr.S.Manohar Reddy | Assistant Professor | NPTEL |
| | II or | r Eilo | |

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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 | 29/12/2017 | 09/02/2018 |
| BTech | 01 | I/II | 04/12/2017 | 08/02/2018 |
| BTech | 01 | I/III | 02/12/2017 | 05/02/2018 |
| BTech | 01 | I/IV | 07/12/2017 | 24/01/2018 |
| BTech | 01 | II/I | 25/06/2018 | 27/07/2018 |
| BTech | 01 | II/II | 28/04/2018 | 22/06/2018 |
| BTech | 01 | II/III | 27/04/2018 | 22/06/2018 |
| BTech | 01 | II/IV | 26/04/2018 | 22/05/2018 |
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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 |
|---|--|------------|
| 441 | 7027 | 6.27 |

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)

https://tkrcet.ac.in/autonomous/syllabus/

2.6.2 - Pass percentage of students

| Students Students passed | Programme Code | Programme Name | Programme Specialization | Number of students | Number of students passed | Pass Percentage |
|--------------------------|-------------------|-------------------|-----------------------------|--------------------|---------------------------|-----------------|
|--------------------------|-------------------|-------------------|-----------------------------|--------------------|---------------------------|-----------------|

| | | | appeared in the final year examination | in final year examination | |
|----|-------|-------|--|------------------------------|-------|
| 01 | BTech | Civil | 120 | 84 | 70 |
| 01 | BTech | EEE | 98 | 62 | 63.26 |
| 01 | BTech | MECH | 168 | 123 | 73.21 |
| 01 | BTech | ECE | 239 | 178 | 74.47 |
| 01 | BTech | CSE | 235 | 161 | 68.51 |
| 01 | BTech | IT | 55 | 45 | 81.81 |
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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)

https://naac.tkrcet.com/17-18/wp-content/uploads/2022/12/SSS17-18.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

Name of the teacher getting seed money

Dr A Suresh Rao

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

| | Туре | Name of the teacher awarded the fellowship | Name of the award | Date of award | Awarding agency | |
|---|------------------------------------|--|-------------------|---------------|-----------------|--|
| | No Data Entered/Not Applicable !!! | | | | | |
| ĺ | No file uploaded. | | | | | |

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 | |
|------------------------------------|----------|----------------------------|------------------------|---------------------------------|--|
| No Data Entered/Not Applicable !!! | | | | | |
| No file uploaded. | | | | | |

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

No Data Entered/Not Applicable !!!

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 | |
|---|-------------------|------------|--|
| Two day workshop on "IOT base Home automation using Raspberry Pi" | ECE | 18/08/2017 | |
| Two day workshop on "PCB Design" | ECE | 25/10/2017 | |
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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 Faculty Mr.G.Suresh TKR College Kumar Reddy | | 26/01/2018 | staff | |
| <u>View File</u> | | | | |

3.3.3 - No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsered By | Name of the Start-up | Nature of Start- up | Date of Commencement |
|----------------------|---|------------------------|-------------------------|-------------------------|----------------------|
| Robotics | RoboticsTKR Robotics and Technology Knowledge research center | ECIL Arwin Vaersity | TRTKC | Robotics Development | 04/10/2018 |
| | View File | | | | |

3.4 - Research Publications and Awards

3.4.1 - Ph. Ds awarded during the year

| Name of the Department | Number of PhD's Awarded | |
|------------------------|-------------------------|--|
| EEE | 2 | |
| MECH | 1 | |

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

| Туре | Department | Number of Publication | Average Impact Factor (if any) | | | |
|---------------|------------------|-----------------------|--------------------------------|--|--|--|
| International | EEE | 13 | Nill | | | |
| International | MECH | 43 | Nill | | | |
| International | ECE | 42 | Nill | | | |
| International | MBA | 1 | Nill | | | |
| International | CSE | 23 | Nill | | | |
| National | IT | 2 | Nill | | | |
| | <u>View File</u> | | | | | |

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 | |
| <u>View File</u> | | |

3.4.4 - Patents published/awarded during the year

| Patent Details | Patent status | Patent Number | Date of Award |
|---------------------------------|---------------|---------------|---------------|
| HELMET WEAR NOTIFICATION SYSTEM | Published | 201741016846 | Nill |
| A PORTABLE HEATING ARTICLE | Published | 201741003249 | 07/04/2017 |
| <u>View File</u> | | | |

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 mentioned in the publication | Number of citations excluding self citation |
|------------------------------------|-------------------|------------------|---------------------|----------------|---|--|
| No Data Entered/Not Applicable !!! | | | | | | |
| No file uploaded. | | | | | | |

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 |
|---|---------------------|------------------|---------------------|---------|--|---|
| Design of a Novel High Gain Isolated Converter for PV Gri d- Connected System | Dr. S. Narasimha | ICSSCCET | 2017 | Nill | Nill | TKRCET |
| Design Analysis of New High Step- up DC-DC Converter Suitable for Photov oltaic App lication" | Dr. S. Narasimha | LJER | 2017 | Nill | Nill | TKRCET |
| Fuzzy Adaptive Control Strategy for LVRT Operation of PVA Int erconnecte | V. Swarupa | IJEECSE | 2017 | Nill | Nill | TKRCET |

| d to Grid System | | | | | | |
|--|---|---------------------------|------|------|------|--------|
| A CLOSED LOOP CONTROL OF BUCK-BOOST AC-AC CONVERTER WITH REDUCED THD | G. Suresh Kumar Reddy | IJSER | 2017 | Nill | Nill | TKRCET |
| Design of Cavitation Chamber for Non Chemical Water Treatment | K. Naveena Latha | IJAERT | 2018 | Nill | Nill | TKRCET |
| "Effect of Speed on Hardness in Rotary Friction Welding Process" | P. Koteswara Rao, V. Mohan, N. Surya, G. Sai Krishna Prasad | Int. J. Mater. Sci. | 2018 | Nill | Nill | TKRCET |
| <u>View File</u> | | | | | | |

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

| Number of Faculty | International | National | State | Local |
|---------------------------------|---------------|----------|-------|-------|
| Attended/Semi nars/Workshops | 5 | 21 | 21 | Nill |
| <u>View File</u> | | | | |

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) | | |
|-------------------------------------|-----------------------------|---------------------------------|--------------------------------------|--|--|
| No Data Entered/Not Applicable !!! | | | | | |
| No file uploaded. | | | | | |

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 | |
|---------------------------|---|--|--|--|
| workshop on yoga | NSS | 2 | 235 | |
| blood donation camp | nss | 2 | 217 | |
| in Rally for Rivers | nss | 1 | 234 | |
| career guidance program | nss | 2 | 277 | |
| cancer awareness walk | nss | 2 | 254 | |
| traffic awareness program | nss | 2 | 345 | |
| <u>View File</u> | | | | |

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 | |
|----------------------|----------------------------|-----------------|---------------------------------|--|
| Best Faculty | Mr.G.Suresh Kumar Reddy | TKRES | Nill | |
| Course Completion | Ms.N.Keerthi | NPTEL | Nill | |
| <u>View File</u> | | | | |

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/Agen cy/collaborating agency | Name of the activity | Number of teachers participated in such activites | Number of students participated in such activites |
| | Outreach | NSS | blood donation | 2 | 217 |
| | Outreach | NSS | d. Haritha haram | 2 | 123 |
| | Pollution Control | NSS | Rally for Rivers | 2 | 34 |
| | Health | NSS | cancer awareness | 2 | 54 |
| | View File | | | | |

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 | |
|------------------------------------|--|-----------------------------|----------|--|
| No Data Entered/Not Applicable !!! | | | | |
| No file uploaded. | | | | |

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 | Name of the | Duration From | Duration To | Participant |
|-------------------|--------------|-------------|---------------|-------------|-------------|
|-------------------|--------------|-------------|---------------|-------------|-------------|

| | linkage | partnering institution/ industry /research lab with contact details | | | | | |
|------------------|---|---|------------|------------|--|--|--|
| MOU | Bioxil themselve testing machine | SVS HYDRAULICS MACHINES PVT LTD | 01/04/2013 | 31/12/2019 | Investigat ing the material of the machine | | |
| <u>View File</u> | | | | | | | |

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 | | |
|-----------------------------------|--------------------|----------------------------------|---|--|--|
| WINE YARD 07/01/2016 TECHNOLOGIES | | student Projects/ internships | 23 | | |
| <u>View File</u> | | | | | |

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 |
|--|--|
| 107.42 | 97.66 |

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 | | |
| 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 | | |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Existing | | |
| Classrooms with Wi-Fi OR LAN | Existing | | |
| <u>View File</u> | | | |

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 patially) | Version | Year of automation |
|---------------------------|--|---------|--------------------|
| | | | |

| NEWGEN LIB | Partially | NGL 2.4 | 2008 |
|------------|-----------|---------|------|
|------------|-----------|---------|------|

4.2.2 - Library Services

| Library Service Type | Exis | ting | Newly | Newly Added | | tal |
|-----------------------------|-------|---------|-------|-------------|-------|----------|
| Text Books | 41774 | 9957367 | 494 | 179732 | 42268 | 10137099 |
| Reference Books | 27850 | 6638245 | 330 | 119821 | 28180 | 6758066 |
| e- Journals | 6124 | 5900 | 420 | 5900 | 6544 | 11800 |
| Journals | 152 | 200750 | Nill | Nill | 152 | 200750 |
| e- Journals | 219 | 749389 | Nill | Nill | 219 | 749389 |
| CD & Video | 6130 | 0 | 24 | Nill | 6154 | 0 |
| Weeding (hard & soft) | 2229 | 690990 | Nill | Nill | 2229 | 690990 |
| View File | | | | | | |

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 & Eamp; 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 !!! | | | | | | |
| No file uploaded. | | | | | | |

4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

| Туре | Total Co mputers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departme nts | Available Bandwidt h (MBPS/ GBPS) | Others |
|--------------|---------------------|-----------------|----------|------------------|---------------------|--------|-----------------|--|--------|
| Existin g | 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/No | ot 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 incurredon maintenance of physical facilites |
|--|--|--|--|
| 49867529 | 33059098 | 10742707 | 7042334 |

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)

LIBRARY INFORMATION CENTRE General Rules: Readers and Visitors are requested not to bring their belongings in the library. Users are requested to learn the book / documents on the reading table after consultation. No documents issued brought to the library unless for returning Photo copying (Reprography and printing) services are available. Users are responsible for photocopying with Copyright Act. get while copying library documents. Improper use of library facility by a member will lead to the suspension of his / her membership. Silence and strict discipline should be maintained in the library by a user and the library staff. Every one shall ensure that no reader should feel disturbed in their study by any get of his / her. Mobile phones and other loud electronic materials are strictly prohibited inside the library premises. Member proceeding on long leave or discontinued etc., exceeding three months should return the documents that are borrowed. Certain documents are intended to be used only in the library premises. These include return books, some text books, rare books, current and bound periodical etc. Borrowers are requested to check if the documents being borrowed are complete and no pages are missing in it. In case of defect or damage in the book should be brought to the notice of the library staff. Borrowers are responsible for the documents they borrow documents lost, torn or damaged (tearing of pages, Underlining, making notes damaging of binding and the like) shall attract serious action and replacement of document concern. No docments shall be returned on the day of issue. While learning the library user should ensure that they carry only those books that are duly issued on their names otherwise disciplinary action will be taken against them. An overdue charge of Rs. 1 per day shall be charged against each Book / Document not returned within the due date.

https://tkrcet.ac.in/library/introduction/rules-regulations/

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 | Government | 590 | 78349200 | |
| Financial Support from Other Sources | | | | |
| a) National | Nill | Nill | Nill | |
| b)International | Nill | Nill | Nill | |
| <u>View File</u> | | | | |

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 | Date of implemetation | Number of students | Agencies involved |
|------------------------|-----------------------|--------------------|-------------------|
| enhancement scheme | | enrolled | |

| PYTHON PROGRAMMING AND ITS APPLICATIONS | 16/02/2018 | 61 | Lintel Technologies | |
|---|------------|-----|------------------------------|--|
| COMPREHENSIVE -PERSPECTIVE OF DIGITAL ECO SYSTEMS | 23/03/2018 | 58 | Tech Mahindra | |
| CRT | 01/01/2018 | 239 | ARICENT COMPANY HYDERABAD | |
| Number theory, number series | 01/11/2017 | 12 | CRT | |
| ANDRIOD 18/09/2017 DEVELOPMENT AND ITS APPLICATIONS | | 88 | TCS Hyderabad | |
| <u>View File</u> | | | | |

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 passedin the comp. exam | Number of studentsp placed |
|------------------|--------------------|--|--|--|----------------------------|
| 2017 | placement | 319 | 600 | 45 | 20 |
| <u>View File</u> | | | | | |

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 |
|---------------------------|--------------------------------|---|
| 3 | 3 | 2 |

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

| | On campus | | | Off campus | | |
|--|---------------------------------------|---------------------------|------------------------------------|---------------------------------------|---------------------------|--|
| Nameof organizations visited | Number of students participated | Number of stduents placed | Nameof organizations visited | Number of students participated | Number of stduents placed | |
| WESTLINE SHIPPING, INDOSHELL MOULD LTS, ASAHI INDIA GLASS, | 216 | 85 | ELEATION (SN)9, INFOS YS,,AMAZON | 400 | 151 | |
| <u>View File</u> | | | | | | |

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

| Year | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from | Name of institution joined | Name of programme admitted to |
|------|---|-----------------------------|---------------------------|----------------------------|-------------------------------|
| | 3 | | | | |

| 2018 | 2 | BTech | Civil | EDINBURGH NAPIER | MS |
|------------------|----|-------|-------|------------------------------------|-------------------|
| 2018 | 45 | BTech | CSE | University of Bridgeport | Higher Studies |
| 2018 | 26 | BTech | ECE | Eastern Illonious university | MTech,MS |
| 2018 | 3 | BTech | EEE | UCOE ,JNTU | MTech |
| 2018 | 2 | BTech | Civil | PVAMU | MS |
| 2018 | 4 | BTech | Civil | EDINBURGH NAPIER | MS |
| <u>View File</u> | | | | | |

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 | |
|------------------|---|--|
| Any Other | 22 | |
| GATE | 6 | |
| GRE | 34 | |
| TOFEL | 12 | |
| <u>View File</u> | | |

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

| Activity | Level | Number of Participants |
|--|------------------|------------------------|
| Traditional day | College Level | 1000 |
| SHIZNEY | College Level | 1000 |
| Annual day | College Level | 1000 |
| JNTUH Central Zone Cricket Tournament | University Level | 100 |
| REDBULL Cricket Club Level Tournement | | 50 |
| <u>View File</u> | | |

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 |
|---|------------------|-------------------------|---------------------------|-----------------------------|-------------------------------------|----------------------|---------------------|
| | 2017 | College winner | National | 2 | Nill | 15K91A0294 | ? Md.fay azuddin |
| ſ | <u>View File</u> | | | | | | |

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

The Institute has Student council and students actively get involved in various committees. 1. Class Committee - Each UG class has a Committee to review the

academic activities, progress and improvement plans of all subjects of all semesters. The committee consists of HOD, Chair person, Class adviser and the students representatives (4 Members/semester/section). The committee will discuss the academic related issues including conduction of classes, question paper pattern and students grievances Guidelines of IQAC and submission of AQAR for Affiliated/Constituent Colleges. 2. Professional Bodies - In professional bodies like IEI, ISTE, CSI, IEEE, IETE, SAE, student representatives actively participate by conducting Student conventions, chapters, technical events and quizzes etc with the help of faculty members. 3. News Letter Magazine Committee - Students representatives who are nominated in the editorial board help to collect articles, poems, drawings etc from talented students. They compose, edit and take initiative in printing the newsletters at Department level and work for the preparation of magazine at college level. Faculties of the editorial board will guide them in the entire process of printing and releasing the magazine. Student editors also involve in preparing the conference proceedings (National Conference/International), souvenir of student conventions conducted in the Departments.

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 Institutions 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. |
| Teaching and Learning | 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 |
| Examination and Evaluation | 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. |
|--|---|
| Library, ICT and Physical Infrastructure / Instrumentation | 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. |
| Human Resource Management | 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 |
| 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 |

6.2.2 – Implementation of e-governance in areas of operations:

| E-governace 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. Highspeed 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 Principal and Dean Academics. The results are announced online |

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 |
|------|-----------------|---|--|-------------------|
| 2017 | K.Sukanya | Optimization Techniques in Antenna Design | TKRES (EICT Academy , NITW) | 2500 |
| 2017 | CH.Prathyusha | Optimization Techniques in Antenna Design | TKRES (EICT Academy , NITW) | 2500 |

| 2017 | N.Naresh | Optimization Techniques in Antenna Design | TKRES (EICT Academy , NITW) | 2500 |
|------------------|-------------------|---|--------------------------------|------|
| 2017 | M.Gnanesh Goud | Optimization Techniques in Antenna Design | TKRES (EICT Academy , NITW) | 2500 |
| <u>View File</u> | | | | |

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) |
|------|--|---|------------|------------|--|--|
| 2017 | FDP ON OUTCOME BASED EDUCATION | Nill | 13/11/2017 | 18/11/2017 | 3 | Nill |
| | <u>View File</u> | | | | | |

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 | |
|---|------------------------------------|------------|------------|----------|--|
| Seismic analysis and design of residential buildings (g4) using stadpro, Marriot hotel HYD. | 2 | 21/12/2017 | 22/12/2017 | 2 | |
| RCC mix design , TKR College ,HYD | 30 | 11/10/2017 | 12/12/2019 | 2 | |
| 2 week fdp on Application of power electronics in Renewble Energy system (APERS) | 6 | 20/11/2017 | 04/12/2017 | 14 | |
| FDP ON DESIGN OF MACHINE ELEMENTS | 13 | 07/02/2018 | 14/02/2018 | 7 | |
| Optimization Techniques in Antenna Design | 4 | 25/06/2018 | 30/06/2018 | 5 | |
| | <u>View File</u> | | | | |

6.3.4 - Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching | | Non-te | aching |
|-----------|-----------|-----------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 295 | 295 | 93 | 93 |

6.3.5 - Welfare schemes for

| Teaching | Non-teaching | Students |
|----------|--------------|----------|
| 01 | 01 | 01 |

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 |
|--|-------------------------------|---------|
| TKRES | 200000 | TKRES |
| <u>View File</u> | | |

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 | | Inte | rnal |
|----------------|----------|---|--------|-------------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | Senior Professor from Parent University | Yes | Dean Academics |
| Administrative | Yes | Management Representives | Yes | Management |

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

• 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.

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 |

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 |
|--|------------------------------------|-------------------------|---------------|-------------|------------------------|
| 2017 Induction 01/08/2017 01/08/2018 10/08/2 Programme | | | | 10/08/2018 | 200 |
| <u>View File</u> | | | | | |

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 | To Number of Participants | |
|-------------------------|-------------|------------|---------------------------|------|
| | | | Female | Male |
| GENDER SENSITIZATION | 04/12/2017 | 04/12/2017 | 33 | 9 |
| Parenting | 04/04/2018 | 04/04/2018 | 52 | 12 |

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

TKRCET actively celebrates World Environment Day every year on 5th June. On this day the NSS and NCC units of the organization carry out seedlings planting activities in and around the campus. College has facility for rain water collection, Gobar gas plant and water treatment plant. Every year the students are advised on the • Importance of Tree Plantation. • Classes are conducted on Environmental Education • Solar led lights are installed in the college campus and hostel buildings • Vermicomposting is done from the organic waste from TKRCET hostel kitchen

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|-----------------|--------|-------------------------|
| | | |

| Physical facilities | Yes | Nill |
|---|-----|------|
| Provision for lift | Yes | Nill |
| Ramp/Rails | Yes | Nill |
| Braille Software/facilities | Yes | Nill |
| Rest Rooms | Yes | Nill |
| Scribes for examination | Yes | Nill |
| Special skill development for differently abled students | Yes | Nill |

7.1.4 - Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadva ntages | 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 |
|------|---|--|----------------|----------|--------------------|---------------------|--|
| 2017 | 1 | 1 | 02/10/2 018 | 1 | CLEAN DRIVE | Nill | 200 |

No file uploaded.

7.1.5 - Human Values and Professional Ethics

| Title | Date of publication | Follow up(max 100 words) |
|----------------|---------------------|--|
| R17 Regulation | 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 |

7.1.6 - Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants | |
|----------------------------------|---------------|-------------|------------------------|--|
| Swach Bharat Abhiyan | 11/08/2018 | 11/08/2018 | 276 | |
| Independence Day Celebrations | 15/08/2017 | 15/08/2017 | 386 | |
| Republic Day Parade | 26/01/2018 | 26/01/2018 | 398 | |
| View File | | | | |

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

https://tkrcet.ac.in/

8. Future Plans of Actions for Next Academic Year

FUTURE PLANS OF THE INSTITUITION FOR THE YEAR 2017-2018 ? Clean Green Campus ? Cloud Based Student Database Package. ? attendance system Identity Card for students ? Digital Notice Board for interactive / real-time publication of emergency notices / information to the students ? Public Address System for regular use in the college ? Introduction of standardized mechanism for reporting to IQAC. ? Workshop for students on skill development Programme ? Awareness programme on Entrepreneurship for Students ? Organisation of more Seminars/Workshops on Use of ICT in Quality TeachingLearning, Research Methodology Environment. ? More ICT enabled class-rooms. ? Biometric Attendance System for Faculty Staff. ? Online feedback system for students other stakeholders.